

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

Dr. Heidi M. Mansour, Ph.D., R.Ph., FAIMBE, SMNAI

Professor with Tenure, Florida International University (FIU) Robert Stempel College of Public Health

Professor, Herbert Wertheim College of Medicine

Professor, College of Engineering & Computing

Professor & Program Leader of the Drug Discovery & Delivery Program

FIU Center for Translational Science

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CHRONOLOGY OF EDUCATION

1. University of Wisconsin-Madison, School of Pharmacy, B.S. Pharmacy (Distinction & Honors) 05/1996
2. University of Wisconsin-Madison, Madison, WI
Department of Chemistry, Ph.D. Minor: Advanced Physical & Interfacial Chemistry 12/1999
Ph.D. Minor Professor: Hyuk Yu, Ph.D., D.Sc.
School of Pharmacy, Ph.D. Major: Pharmaceutical Sciences 12/2003
Ph.D. Major Professor: George Zografi, Ph.D, D.Sc., Dean Emeritus
National Academy of Science (NAS)-Institute of Medicine (IOM) Elected Member
Ph.D. Dissertation Title: *Phase Transitions, Hydration, and Spreading of Phospholipid Bilayers and Monolayers at the Air-Water Interface*. 332 pages. (last graduate student from the Zografi Lab)

Health Professional Licensure:

1. Registered Pharmacist (R.Ph.), State of Wisconsin 1996-Pres

CHRONOLOGY OF EMPLOYMENT

Academic:

1. University of Wisconsin-Madison, School of Pharmacy, Instructor 1996-1999
2. University of Wisconsin-Madison, School of Pharmacy, Instructor 2004-2005
3. University of North Carolina (UNC)-Chapel Hill, School of Pharmacy, Post-Doctoral Fellow 2005-2008
4. UNC-Chapel Hill, School of Pharmacy, Instructor & Graduate School Faculty 2006-2013
5. University of Kentucky, College of Pharmacy, Assistant Professor 2008-2013
6. The University of Arizona, College of Pharmacy, Assistant Professor 2013-2018
7. The University of Arizona, Institute of the Environment, Affiliate Faculty Member 2013-2022
8. The University of Arizona, NCI Comprehensive Cancer Center, Research Member 2014-2022
9. The University of Arizona, BIO5 Institute, Assistant Professor 2014-2018
10. The University of Arizona, College of Medicine, Dept of Medicine, Assistant Professor 2015-2018
Division of Translational & Regenerative Medicine
11. The Univ. of Arizona, College of Pharmacy, Director of the PharmD/PhD Dual-Degree Program 2017-2022
12. The Univ. of Arizona, College of Pharmacy, Director of Pharmaceutics & Pharmacokinetics 2018-2022
13. The Univ. of Arizona, College of Pharmacy, Associate Professor (Tenured) of PharmSci 2018-2022
Dept of Pharmacology/Toxicology and Dept of Pharmaceutical Sciences

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14. The Univ. of Arizona, College of Medicine, Dept of Medicine, Associate Professor of Medicine Division of Translational & Regenerative Medicine	2018-2022
15. The Univ. of Arizona, BIO5 Institute, Associate Professor	2018-2022
16. The Univ. of Arizona Health Sciences, Associate Professor of Clinical Translational Sciences	2018-2022
17. Florida International University Center for Translational Science (CTS), Full Professor	2022-Pres
18. FIU Robert Stempel College of Public Health, Full Professor (Tenured)	2022-Pres
19. FIU Herbert Wertheim College of Medicine, Full Professor	2022-Pres
20. FIU CTS Program Leader of the Drug Discovery & Delivery Program	2022-Pres
21. FIU College of Engineering, Dept of Biomedical Engineering, Full Professor	2024-Pres

HONORS AND AWARDS

Scholarships/Fellowships/Awards:

1. Lillian E. Fenske Scholarship	1991
2. Wal-Mart Scholarship	1991
3. United States of America Presidential Academic Fitness Award Scholar	1991
4. Wisconsin Academic Excellence Award Scholar (4-year tuition scholarship)	1991-1995
5. University of Wisconsin-Madison Chemistry Enrichment Award	1992
6. University of Wisconsin-Madison College of Letters and Science Sophomore Honors Award	1993
7. Rho Chi Pharmaceutical National Honor Society Award for Academic Excellence	1994
8. Merck Award in Academic Excellence in Pharmacy	1996
9. Graduation with Distinction and Honors in Pharmacy	1996
10. AFPE Pre-Doctoral Fellow Award in Pharmaceutics	1999-2001
11. PhRMA Foundation Advanced Pre-Doctoral Fellow Award in Pharmaceutics	2000-2002
12. Pharmacia Upjohn Walter F. Enz Award in Research Excellence in the Pharmaceutical Sciences	2001
13. PhRMA Foundation Post-Doctoral Fellow Award in Pharmaceutics	2007-2008
14. National Institutes of Health (NIH)-UNC-Chapel Hill Regional Training Award Scholar	2007
15. UNC-Chapel Hill Vice Chancellor's Post-Doctoral Scholar Award in Research Excellence	2007
16. AAPS Post-Doctoral Fellow Award in Research Excellence	2007
17. Mercer University School of Pharmacy AAPS Student Chapter "Researcher of the Issue"- <i>Pharmabeat-Inaugural Issue</i>	2010
18. CONACyT (National Council of Science and Technology of Mexico) Fellowship (awarded for my Ph.D. graduate student, Maria F. Acosta)	2014-2019
19. Fellow, Royal Society of Medicine (London, GBR)	2015
20. Elected Co-Chair, Drug Delivery: New Devices & Emerging Therapies Group, International Society of Aerosols in Medicine (ISAM)	2015-2017
21. Co-Chair, Symposium, Controlled Release Society (CRS) Annual Meeting, Seattle, WA New Processes, New Materials, and New Products Symposium	2016
22. ISAM Aerosol School Faculty, Hamilton, Ontario, Canada Firestone Institute for Respiratory Health	2016-2018
23. NIH Service Award: Continuous Submission Privilege	2016-Pres
24. Co-Chair, Drug Delivery & Nanotechnology Session 10th International Conference Neonatal & Childhood Pulmonary Vascular Disease University of California-San Francisco (UCSF), San Francisco, CA	2017
25. Eureka Institute of Translational Medicine International Award, Siracusa, Sicily, Italy	2017
26. Outstanding Research in Pharmaceutics & Pharmacokinetics Award (awarded to my senior Ph.D. graduate student, Priya Muralidharan)	2017
27. Rho Chi Pharmaceutical National Honor Society Award for Academic Excellence (awarded to my Ph.D. graduate student, Maria F. Acosta)	2017
28. The Caldwell Health Sciences Research Fellowship Award (awarded to my Ph.D. student, Maria F. Acosta)	2018
29. Outstanding Research in Pharmaceutics & Pharmacokinetics Award (awarded to my senior Ph.D. graduate student, Maria F. Acosta)	2018
30. The Hugh E. Laird II, Ph.D. Memorial Fellowship Award (awarded to my senior Ph.D. graduate student, Wafaa Alabsi)	2018
31. Cylerus, Inc Financial Gift Award to the Mansour Research Program	2018-2019

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32. CONACyT (National Council of Science and Technology of Mexico) Fellowship (awarded for my Postdoctoral Scholar, Dr. David Encinas-Basurto, Ph.D.)	2019-2020
33. Academic Excellence in Pharmaceuticals & Pharmacokinetics Award (awarded to my senior Ph.D. graduate student, Wafaa Alabsi)	2020
34. Outstanding Research in Pharmaceuticals & Pharmacokinetics Award (awarded to my senior Ph.D. graduate student, Wafaa Alabsi)	2020
35. Academic Excellence in Pharmaceuticals & Pharmacokinetics Award (awarded to my senior Ph.D. graduate student, Ernest Vallorz)	2021
36. Outstanding Research in Pharmaceuticals & Pharmacokinetics Award (awarded to my senior Ph.D. graduate student, Ernest Vallorz)	2021
37. Postdoctoral Research Development Grant (PRDG) (Arizona Sursum Fellow), The UA RII (awarded to my Postdoc, Dr. Basanth Babu Eedara)	2021
38. Frontiers in Knowledge Award (awarded to my Pharm.D. student researcher, Victor Ruiz)	2021
39. Elected Faculty Senator-at-Large , UA Faculty Governance	2021-2022
40. Elected Chair, APhA-Academy of Pharmaceutical Research & Science (APRS)	2021-2024
41. Vice Chair, ATS Drug/Device Discovery & Development (DDDD) Committee	2021-Pres
42. Expertscape Recognition (Respiratory Care Week 2021) Dry Powder Inhaler Expert	2021
43. Elected Fellow, American Institute for Medical and Biological Engineering (AIMBE)	2022-Pres
44. Editor's Choice Article Award, Pharmaceuticals	2022
45. Elected Senior Member, National Academy of Inventors (NAI)	2023-Pres
46. Best Poster Presentation Award (3 rd Place), Life Sciences South Florida 10th Annual LSSF STEM Undergraduate Research Symposium	2023
47. ATS Presidential Commendation, San Diego, CA	2024

Honor Societies (Elected Member):

1. Phi Eta Sigma National Honor Society	1991-Pres
2. Phi Kappa Phi National Honor Society	1991-Pres
3. Golden Key International Honor Society	1991-Pres
4. Rho Chi Pharmaceutical National Honor Society	1994-Pres
5. Sigma Xi Scientific Research Honor Society	2014-Pres

EXECUTIVE LEADERSHIP DEVELOPMENT

1. <i>The Essentials Leadership Program: Pathways to Leadership (2 days)</i> , FIU Center for Leadership, Florida	04/2022
2. <i>The Women Leaders Program (Fall semester)</i> , FIU Center for Leadership, Florida	09/2022-11/2022
3. <i>The Inclusive Leadership Program (1 day)</i> , FIU Center for Leadership, Florida	10/2022
4. <i>The Star Framework Course (Fall semester)</i> Pharmacy Leadership & Education Institute (PLEI) Academy for Leader Development	09/2022-12/2022
5. <i>The Leadership Accelerator Program (5 days)</i> , FIU Center for Leadership, Florida	03/2023
6. The Leader's Compass Course (Spring semester) Pharmacy Leadership & Education Institute (PLEI) Academy for Leader Development	01/2023-04/2023

SERVICE

National & International

International Scientific Advisory Board Member

1. Executive Board Member (peer-election) The International Society of Aerosols in Medicine (ISAM)	2023-Pres
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National Scientific Advisory Board Member

1. Scientific Advisory Board, The Cystic Fibrosis Foundation (CFF)	2022-Pres
2. Scientific Advisory Committee, Drug Delivery Section, The PhRMA Foundation	2023-Pres
3. Steering Committee, Florida Association of Nanotechnology (FAN)	2024-Pres

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Editorial Advisory Board Member (EAB)

1. *Pharmaceutical Technology North America* Journal 2008-Pres
2. *Current Nanomedicine* Journal 2008-Pres
3. *Journal of Pharmaceutical Sciences* (APhA/FIP Official Society Journal) 2013-2016
4. *RSC Molecular Systems Design & Engineering* (2020 Impact Factor 3.6) 2016-Pres
5. APhA EAB Books and Digital Publishing Department 2023-2024

Journal Editor

1. Topics Editor, *Pharmaceutics* (Impact Factor: 5.4) 2017-Pres
2. Associate Editor-Respiratory Drug Delivery Section, *Frontiers in Drug Delivery* 2022-Pres
3. Associate Editor-Respiratory Pharmacology Section, *Frontiers in Pharmacology* 2022-Pres
4. Associate Editor (Founding), *RSC Pharmaceutics* 2024-Pres

International Guest Editor/Guest Advisor of Journal Special Issues & Theme Collections

1. Guest Editor, *Pharmaceutics* (Impact Factor 5.4) Special issue "Development and Evaluation of Inhalable Dry Powder Formulations", 9 published papers [\[link\]](#) 2022-2023

National/International Professional Societies:

1. Academy of Pharmaceutical Sciences of Great Britain (APSGB)
2. American Pharmacists Association (APhA)
3. American Chemical Society (ACS)
4. American Association of Pharmaceutical Scientists (AAPS)
5. American Thoracic Society (ATS)
6. Controlled Release Society (CRS)
7. European Federation for Pharmaceutical Sciences (EUFPS)
8. International Pharmaceutical Federation Board of Pharmaceutical Specialties (FIP BPS)
9. European Respiratory Society (ERS)
10. International Society for Aerosols in Medicine (ISAM)
11. The Aerosol Society (Great Britain)
12. International Association of Colloid and Interface Scientists (IACIS)
13. Royal Society of Medicine (Respiratory Medicine)
14. Royal Society of Chemistry (RSC)
15. Association of Women in Science (AWIS)

National & International Leadership:

1. Elected Co-Chair, ISAM Drug Delivery: New Devices & Emerging Therapies Group 2015-2016
2. ATS Pediatrics Assembly Planning Committee 2016-2020
3. ATS Pediatrics Assembly Awards Committee 2016-2020
4. ISAM Aerosol School Annual Short-Course Faculty Instructor 2016-2019
5. 2018 ATS Mentoring Program, Pediatric Assembly Faculty Mentor 2018
6. ATS Respiratory Structure & Function (RSF) Assembly 2018-Pres
-The PhD, Basic, & Translational Scientists Working Group
7. ATS [Drug Device Discovery and Development \(DDDD\) Committee](#) 2018-Pres
8. 2019 ISAM International Congress Conference 2019
-Business Meeting Program Organizer, New Devices and Emerging Therapies Network Group
9. 2019 ATS Mentoring Program, Terrorism & Infectious Disease Assembly Faculty Mentor 2019

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10. 2019 ATS Mentoring Program, Respiratory Structure Function Assembly Faculty Mentor 2019
11. 2019 ATS Mentoring Program, Pediatric Assembly Faculty Mentor 2019
12. AACP Pharmacy School Virtual Fair 2019, 2020
13. AACP Council of Faculties (COF) Nominating Committee 2020-2021
14. AACP [Volwiler Research Achievement Award](#) Committee 2020-2021
15. AACP Pharmaceutics Section Nominating Committee 2020-2021
16. AACP Pharmaceutics Section Programming Committee 2020-2021
17. AACP Pharmaceutics Section Mentoring Committee 2020-2021
18. AACP Pediatric Pharmacy SIG Webinar Committee 2020-2021
19. ISAM Regulations & Standards Group Executive Steering Committee 2020-Pres
20. ATS Expert Judges Panel, [BEAR \(Building Education to Advance Research\) Cage Competition](#) 07/2020
21. AACP Women's Faculty SIG Nominating Committee 2020-2021
22. AACP Graduate Education Nominations Committee 2020-2021
23. 2021 AACP Research Symposium (AACP Interim Meeting 2021) Planning Committee 2020-2021
"Pharmaceutical Graduate Education: Preparing Clinical and Translational Scientists"
24. ATS BEAR CAGE Mentor 2020-2023
25. [APhA-APRS Basic Sciences Section Chair-Elect \(2022-2023\) Nominated Candidate](#) 2020-Pres
26. ATS Expert Judge, [BEAR \(Building Education to Advance Research\) Cage Competition](#) 2021-Pres
27. [ATS Twitter Live Chat Expert Panelist on Industry Careers for Physicians & Scientists](#) 03/2021
28. ATS RTS/DDDD Webinar 1 (Series) Co-Chair & Co-Organizer 04/2021
-Title: "[Technology Development: Translating Innovation from Bench to Bedside: Part 1](#)"
29. AACP Pediatric Pharmacy SIG Webinar Organizer & Moderator 05/2021
-Title: "[Pediatric Research for Early Career Faculty](#)"
30. ISAM Congress 2021 Symposium Co-Chair & Co-Organizer 05/2021
-Title: "[Scientific Basis for Dissolution Testing of Inhaled Products](#)"
31. ATS RTS/DDDD Webinar 2 (Series) Co-Chair & Co-Organizer 09/2021
-Title: "[Technology Development: Translating Innovation from Bench to Bedside: Part 2](#)"
32. ACS Regional Conference Co-Chair Peptide Drug Session 10/2021
33. AACP Graduate Education Nomination Committee 2021-2022
34. ATS [DDDD Committee](#) Vice Chair 2021-2024

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| 35. AAPS Inhalation & Nasal Community Learning Opportunities Manager | 2021-Pres |
| 36. The Univ of Arizona COP - Gulf Medical University 2 nd Mini-Symposium Co-Chair | 06/2021 |
| 37. ISAM Regulatory Standards Leadership Committee | 2021-2022 |
| 38. Chair-Elect, APhA-Academy of Pharmaceutical Research & Science (APRS)
-Basic Sciences Section | 2021-2023 |
| 39. ATS RTS/DDDD Webinar 3 (Series) Co-Chair & Co-Organizer
-Title: " Technology Development: Translating Innovation from Bench to Bedside: Part 3 " | 04/2022 |
| 40. Executive Committee, APhA-Academy of Pharmaceutical Research & Science (APRS)
-Basic Sciences Section | 2022-2023 |
| 41. APhA-APRS Delegate, APhA House of Delegates | 2022-2024 |
| 42. Basic Sciences Leader, APhA-APRS Science Talks Task Force | 2022-2024 |
| 43. Scientific Programming Committee , ISAM Congress 2023, Saarbrucken, Germany | 2022-2023 |
| 44. Scientific Organizing Planning Committee, ISAM IPAC-RS Biologics Workshop,
ISAM Congress 2023, Saarbrucken, Germany
-Workshop Title: "Biologics Delivered Intranasally or by Inhalation: Analytical and Regulatory Considerations". | 2022-2023 |
| 45. Chair, APhA-APRS Communications Committee | 2023-2024 |
| 46. Chair, APhA-Academy of Pharmaceutical Research & Science (APRS)
-Basic Sciences Section | 2023-2024 |
| 47. Formulation & Delivery Sub-Track Leader, Scientific Programming Committee ,
AAPS 2023 PharmSci 360 Annual Meeting & Exhibition, Orlando, FL | 2023 |
| 48. ISAM Regulatory Standards Leadership Committee Co-Chair | 2023-Pres |
| 49. Venues Committee, ATS | 2023-2024 |
| 50. Scientific Programming Committee, ISAM Congress 2025, Saarbrucken, Germany | 2024-Pres |
| 51. Florida Association for Nanotechnology (FAN) Steering Committee | 2024-Pres |
| 52. Co-Chair, FIU Organizing Committee, NanoFlorida 2025 Annual Meeting | 2024-Pres |

National/International Expert Committees:

1. NIH NICHD U.S. Pediatric Formulations Initiative New Drug Delivery Systems Working Group-Aerosols
2. ISAM Regulations & Standards Network Group Executive Committee

International Ph.D. Dissertation Examiner:

1. The University of Sydney, Faculty of Medicine & Health, School of Pharmacy, Sydney, AU 05/2018
Doctoral Candidate: Jiaqi Yu
Degree: Doctor of Philosophy (Pharmacy)
PhD Dissertation Title: *Effects of Humidity and Excipients on Aerosol Performance and Electrostatic Charge of Spray-dried Powders for Inhalation.*

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2. The University of Sydney, Faculty of Medicine & Health, School of Pharmacy, Sydney, AU 08/2020
Doctoral Candidate: Yu Lin
Degree: Doctor of Philosophy (Pharmacy)
PhD Dissertation Title: *Inhaled Combination Phage-Antibiotic Therapy for Antimicrobial Resistance Bacterial Infections.*
3. The University of Sydney, Faculty of Medicine & Health, School of Pharmacy, Sydney, AU 02/2022
Doctoral Candidate: Ahmed Albariqi
Degree: Doctor of Philosophy (Pharmacy)
PhD Dissertation Title: *Novel Inhalation Formulations of Repurposed Drugs for Potential Treatment of COVID-19*
4. GITAM School of Pharmacy, India 03/2024
Gandhi Institute of Technology and Management (GITAM), India
Doctoral Candidate: Sandhya Ranil Mandadi
Degree: Doctor of Philosophy (Pharmacy)
PhD Dissertation Title: *Design, Development and Characterization of Letrozole Nanodelivery Systems for Enhanced Anti-Cancer Potential in Breast Cancer Therapy Via Targeted Release: In Vitro and in Vivo Evaluation*
5. The University of Sydney, Faculty of Medicine & Health, School of Pharmacy, Sydney, AU 07/2024
Doctoral Candidate: Chengxi Liu
Degree: Doctor of Philosophy (Pharmacy)
PhD Dissertation Title: *Formulation strategies for bacteriophage delivery: exploring polymer-based systems.*

International M.S. Thesis Examiner:

1. The University of Sydney, Faculty of Medicine & Health, School of Pharmacy, Sydney, AU 03/2021
Candidate: Menyu Li
Degree: Master of Science
Thesis Title: *Formulation of an Inhalable Pseudomonas Phage Cocktail Powder for Respiratory Infections*

Promotion & Tenure External National Reviewer:

1. The Ohio State University College of Pharmacy, Div of Pharmaceutics & Pharmacology 07/2020
Promotion Dossier: Dr. Navjot Pabla, PhD, Assistant Professor (Tenure-Track)
Promotion Review: Assistant Professor to Associate Professor with Tenure
2. South Dakota State University College of Pharmacy & Allied Health Professions, 11/2020
Dept of Pharmaceutical Sciences
Promotion Dossier: Dr. Joshua Reineke, PhD, Assistant Professor (Tenure-Track)
Promotion Review: Assistant Professor to Associate Professor with Tenure
3. University of Southern California School of Pharmacy 11/2021
Titus Family Department of Clinical Pharmacy
Promotion Dossier: Dr. Houda Alachkar, PharmD, PhD, Assistant Professor (Tenure-Track)
Promotion Review: Assistant Professor to Associate Professor with Tenure
4. SUNY Upstate Medical University Norton College of Medicine 05/2023
Department of Pharmacology
Promotion Dossier: Dr. Juntao Luo, PhD, Associate Professor
Promotion Review: Associate Professor to Professor
5. St John Fisher University, Wegmans School of Pharmacy 08/2024
Department of Pharmaceutical Sciences
Promotion Dossier: Dr. Lipika Chablani, PhD, Associate Professor
Promotion Review: Associate Professor (Tenured) to Full Professor (Tenured)

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International Research Grant Proposal Reviewer & Study Section Member:

1. Indo-US Science & Technology Forum (IUSSTF)-Drug Delivery 2010
2. Austrian Science Fund
University of Austria-Austrian Doctoral Research Program in Targeted Drug Delivery 2013
3. Department of Research Administration, The Research Council
Muscat, Sultanate of Oman 2013
4. German-Israeli Foundation (GIF) for Scientific Research and Development 2014
5. Deutscher Akademischer Austauschdienst Dienst (DAAD)
German International Academic Exchange Service 2014
6. Catalent Applied Drug Delivery Institute 2015
7. Cochrane Airways Group, National Health Service (NHS), National Institute for Health Research,
London, England 2015
8. Engineering and Physical Sciences Research Council (EPSRC),
Research Councils, Great Britain 2016
9. PRESTIGE Marie Curie Post-doc Fellowships Programme,
The European Commission & Campus France, Paris, France 2016
10. Biomedical Innovation Program,
French National Research Agency, Paris, France 2016
11. European Union Transnational Program in Materials Research & Innovation 2016
12. Medical Research Council (MRC), Great Britain 2016

National Research Grant Proposal Reviewer, & U.S. Dept of Health & Human Services (DHHS) National Institutes of Health (NIH) Study Section Member Service:

1. American Association for the Advancement of Science (AAAS) 2014-2015
Research Competitiveness Program
2. DHHS, NIH 2014
CSR, Pediatric Formulations & Drug Delivery Systems Study Section ZRG1 ETTN-B 50 R
3. DHHS, NIH 2015
CSR, NIAID Study Section ZAI1 RRS-M (C3)
4. DHHS, NIH 2015
CSR, NIAID Study Section ZAI1 BP-A (C1)
5. DHHS, NIH 2015
CSR, Bioengineering Sciences & Technologies Integrated Review Group, NANO Study Section
6. DHHS, NIH 2015
CSR, NCI Innovative Cancer Nanotechnology Study Section ZCA1 TCRB-9 (O1)
7. The Rutgers Brain Health Institute Grant Program 2015
Rutgers University-Newark and New Jersey Institute of Technology
8. DHHS, NIH 2016
CSR, NCI Study Section
9. DHHS, NIH 2016
CSR, NCI Innovative Research in Cancer Nanotechnology (IRCN)
NCI Alliance for Nanotechnology in Cancer (The Alliance) Study Section
10. The Rutgers Brain Health Institute Grant Program [\[link\]](#) 2016
Rutgers University-Newark
11. DHHS, NIH 2016

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CSR, LIRR, Respiratory Sciences Study Section

12. DHHS, NIH NIAID Tuberculosis Study Section ZAI1 CB-A (C1) 2017
CSR, AIDS Research Review Branch
13. DHHS, NIH 2017
CSR, NCI Innovative Cancer Research in Nanotechnology (IRCN)
NCI Alliance for Nanotechnology in Cancer (The Alliance) Study Section ZCA1 TCRB-D (M2) R
14. NSF Biomedical Engineering Program, Biomechanics & Biomaterials Study Panel 2017
15. DHHS, NIH IMST-10 SBIR Study Section Meeting 2018/05 ZRG1-IMST-L-55 03/2018
- Innovative Research in Cancer Nanotechnology (IRCN) Review Panel
16. DHHS, NIH NIAID Study Section Meeting 2018/10 ZAI1-AZ-M-S1 06/2018
- Countermeasures Against Select Pathogens (R01) Review Panel
17. DHHS, NIH NIAID Study Section Meeting 2018/10 ZAI1-AZ-M-S2 07/2018
- Countermeasures Against Select Pathogens (R01) Review Panel
18. DHHS, NIH NIAID Study Section Meeting 2019/01 ZAI1-LG-M-J1 09/2018
-- Centers of Excellence for Translational Research (CETR) Review Panel
19. DHHS, NIH NIAID Study Section Meeting 2019/01 ZAI1-LG-M-J2 10/2018
- Centers of Excellence for Translational Research (CETR) Review Panel
20. DHHS, NIH NIAID Genome Editing Study Section Meeting 2019/05 ZRG1-GGG-K-70 03/2019
21. DHHS, NIH ETTN SBIR Study Section Meeting 2019/08 ZRG1-ETTN-H-11 06/2019
- Small Business: Drug Discovery for Aging, Neuropsychiatric and Neurologic Disorders
22. DHHS, NIH SBIR Study Section Meeting 2020/01 ZRG1-BST-R-10 11/2019
- Small Business: Biomaterials, Delivery, and Nanotechnology Study Section
23. DHHS, NIH ETTN SBIR Study Section Meeting 2020/05 ZRG1-ETTN-H-11 03/2020
- Small Business: Drug Discovery for Aging, Neuropsychiatric and Neurologic Disorders
24. DHHS, NIH NIAID RAPID COVID Study Section Meeting 2020/10 ZAI1-MMF-X-S2 06/2020
25. DHHS, NIH ETTN SBIR Study Section Meeting 2020/08 ZRG1-ETTN-H-11 07/2020
- Small Business: Drug Discovery for Aging, Neuropsychiatric and Neurologic Disorders
26. DHHS, NIH NIAID Study Section Meeting ZAI1-AWA-M-J1 & ZAI1-MC-M-J1 10/2020
- Combating Antibiotic-Resistant Bacteria Interdisciplinary Research Units (CARBIRU)
27. DHHS, NIH NIAID Study Section Meeting 11/2020
- Emergency Awards: Rapid Investigation of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19)
28. DHHS, NIH ETTN SBIR Study Section Meeting 2019/08 ZRG1-ETTN-H-11 J1 11/2020
- Small Business: Drug Discovery for Aging, Neuropsychiatric and Neurologic Disorders
29. DHHS, NIH NIAID Study Section Meeting 12/2020
- Emergency Awards: Rapid Investigation of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19)

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30. DHHS, NIH NIAID Study Section Meeting ZAI1 PG-M (M1) 01/2021
- NIAID SBIR Phase II Clinical Trial Implementation Cooperative Agreement (U44); NIAID Clinical Trial Implementation Cooperative Agreement (U01); NIAID Clinical Trial Planning Grants (R34 Clinical Trial Not Allowed)
31. DHHS, NIH ETTN SBIR Study Section Meeting 2019/08 ZRG1-ETTN-H-11 J1 03/2021
- Small Business: Drug Discovery for Aging, Neuropsychiatric and Neurologic Disorders
32. DHHS, NIH NHLBI Phase II SBIR Inhalation Peptides in Asthma Study Section Meeting 04/2021
33. DHHS, NIH NIA ZAG1 ZIJ-1 (J1) 10/2021
-Early-Phase Clinical Trials of Novel Interventions to Prevent, Delay, or Treat Aging-Related Conditions by Targeting Aging-Related Mechanisms (U01)
34. DHHS, NIH NCI 02/2022
-Drug Development Support for Cancer Therapy Evaluation Program (CTEP)
35. DHHS, NIH 2022/05 ZRG1 CVRS-J (11) B 03/2022
-Small Business: Respiratory Sciences
36. DHHS, NIH Gene & Drug Delivery (GDD) Study Section 06/2022
37. DHHS, NIH NHLBI Catalyze Study Section 06/2023
38. DHHS, NIH NIAID Special Emphasis Panel ZAI1 PG-M (C1) 06/2023
- Research Area 3, "The Antiviral Program for Pandemics (APP): Development of Antivirals for RNA Viral Families of Pandemic Potential"
39. DHHS, NCATS Special Emphasis Panel ZTR1 TC-9 (01) 07/2023
-Translational Centers for Microphysiological Systems (TraCE MPS)
40. DHHS, NIH NIAID Special Emphasis Panel ZAI1 HPW-M (C2) 11/2023
-Pre-Clinical Models of Infectious Diseases (N01)

Cystic Fibrosis Foundation (CFF) Expert Reviewer Service:

1. Cystic Fibrosis Foundation (CFF) Genetic Therapy Compound Reviewer 03/2022-Pres

National Science Foundation (NSF) Study Panel Service:

1. NSF Nano-Bio Phenomena and Processes in the Environment Program Study Panel 2016
2. NSF Biomedical Engineering Program, Nano-Bio Interactions Study Panel 2017
3. NSF "Biomechanics & Biomaterials" in the Biomedical Engineering Program Study Panel 2017
4. NSF CAREER Nanoscale Interactions Program Study Panel 2023
5. NSF Environmental Engineering & Sustainability (EES) Study Panel 2024

U.S. Dept of Defense (DOD) Study Panel Service:

1. DOD CDMRP PRMRP ALI Study Panel 12/2017
2. DOD Congressionally-Directed Medical Research Programs' (CDMRP) Peer-Reviewed 06/2020
Medical Research Program (PRMRP) in Sustained Release Drug Delivery (SRDD) Study Panel

PhRMA Foundation Expert Reviewer Service:

1. Drug Delivery Review Committee 11/2023

Florida International University (FIU) Center for Translational Science (CTS):

1. Program Leader of the Drug Discovery & Delivery Program 07/2023-Pres
2. Poster Judge, 2nd Annual South Florida Translational Research Symposium 03/2023
3. CTS Faculty Search & Screen Advisory Committee 01/2024-Pres

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4. Poster Judge, 3rd Annual South Florida Translational Research Symposium 04/2024
5. Organizing Committee, 3rd Annual South Florida Translational Research Symposium 2023-2024
6. Co-Chair, Drug Discovery & Delivery Session, 3rd Annual South Florida Translational Research Symposium 04/2024
7. Poster Judge, 3rd Annual South Florida Translational Research Symposium 04/2024
8. FIU Organizing Committee, [NanoFlorida 2025 Conference](#) 04/2024-Pres
9. Booth Faculty, FIU-Baptist Health South Florida Exhibit, [eMerge Americas](#) 2024, Miami Beach, FL 04/2024

Florida International University (FIU) Robert Stempel College of Public Health:

1. Tenure & Promotion Committee, Dept of Environmental Health Sciences 2022-Pres
2. Search & Screen Committee, Dept of Environmental Health Sciences, Chair Position 2022-2023

The UA:

1. BSPS “Launching Careers in Healthcare” Recruitment, Admitted Student Day, UA Admissions 04/2018
-Faculty Speaker/Recruiter
2. “Women in Engineering (STEM)”, UA Global Initiatives, Office of Diversity & Inclusivity 04/2018
-Program Leaders: Dr.Nadia Mexica and Dr. Adrian Arroyo
-Faculty Speaker
3. “A Learning Research Experience, Graduate Nanotechnology Program 2018” 08/2018
UA Global Initiatives, Office of Diversity & Inclusivity
-Program Leaders: Dr.Nadia Mexica and Dr. Adrian Arroyo
4. [Discover Pharmacy Open House](#), UA COP Faculty Speaker/Recruiter, Tucson, AZ 10/2019
5. [PharmCamp 2019](#), UA COP Short-Course Faculty Instructor, Tucson, AZ 07/2019
-[Promotion Video](#)
6. [Discover Pharmacy Open House](#), UA COP Faculty Speaker/Recruiter, Tucson, AZ 02/2020
7. [Open House College of Pharmacy Hour Seminar](#) 09/2020
- Presentation Title: “*Research Opportunities & the PharmD/PhD Dual-Degree Program*”
8. [Discover Pharmacy Virtual Open House](#), UA COP Faculty Speaker/Recruiter, Tucson, AZ 10/2020
9. [Discover Pharmacy Virtual Open House](#), UA COP BSPS Faculty, Tucson, AZ 03/2021
10. Research Innovation & Impact & UA Global [Webinar Video](#), Invited Faculty Speaker 03/2021
-“[Research and Academic Bridges with Mexico – CONACyT Scholar Opportunities](#)”
11. [International Webinar](#), UA, Columbia, and Mexico, Invited Faculty Speaker 03/2021
12. BSPS Student Advisory Board Dual-Degree Program Faculty Speaker, Tucson, AZ 03/2021
13. COP Dual-Degree Event, Invited Speaker 05/2021
- Presentation Title: “*Research Opportunities & the PharmD/PhD Dual-Degree Program*”

The UA College of Pharmacy Department of Pharm/Tox Committees:

1. UA COP Department of Pharmacy Practice & Science MVP *Committee* 2013-2018
-*The New Faculty Teaching Toolkit* (online teaching guide/tips for new faculty members)
2. UA COP Department of Pharmacy Practice & Science Annual Review Committee 2016-2018
3. Dept of Pharmacology/Toxicology Year-End Retreat Planning Committee 12/2019

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4. Pharmaceutics/Pharmacokinetics Track Executive Committee 2018-2022
- Dept of Pharmacology/Toxicology
- Dept of Pharmaceutical Sciences
5. Pharmaceutics/Pharmacokinetics Faculty Search Committee 2017-2018, 2020-2022
- Dept of Pharmacology/Toxicology
- Dept of Pharmaceutical Sciences
6. Dept of Pharmacology/Toxicology Faculty Status Committee 2019-2022
- Dept of Pharmacology/Toxicology
7. Dept of Pharmacology/Toxicology Ad Hoc Faculty Status Committee 2021-2022
- Dept of Pharmacology/Toxicology

The UA College of Pharmacy Committees:

1. UA COP Curriculum Committee 2013-2016
2. UA COP Innovations Committee, Pharm.D./Ph.D. Dual-Degree Program 2017-2022
3. UA COP Professionalism Committee 2018-2022
4. UA COP Graduate Council 2018-2022
5. UA COP Academic Program Review (APR) Executive Committee 2018-2019
6. UA COP Student Career Pathway Committee, Curriculum Committee Subcommittee 06/2019-12/2019
7. UA COP Professionalism Committee Professionalism Advisory Council (PAC) 2020-2022
8. UA COP Curriculum 1.5 Subcommittee 2020
9. Schnellmann Faculty Award Committee 2020

The UA, College of Pharmacy, & Department of Pharm/Tox Leadership & Service:

1. [Director of the Pharm.D./Ph.D Dual-Degree Program](#), UA COP 2017-2022
2. [Director of Pharmaceutics/Pharmacokinetics](#), UA COP 2018-2022
3. Chair of the Pharmaceutics/Pharmacokinetics Executive Committee, UA COP 2018-2022
4. Executive Committee , COP Graduate Council 2018-2022
5. BSPS "Launching Careers in Healthcare" Recruitment, UA Admitted Student's Day 04/2018
6. Faculty Panel, Mentoring Student Research Panel, COP International Fellowship Program 04/2018
7. Executive Committee , COP Academic Program Review (APR) 2018-2019
8. Judge, UA Excellence Awards Committee Review Team 2019
9. Grad Faculty Representative, COP Graduate Program, AACP Virtual Pharmacy Fair 09/2019
10. Chair, Faculty Search Committee, Pharmaceutics/Pharmacokinetics 2018-2019
11. Professionalism Advisory Council (PAC), UA COP Professionalism Committee 2020-2022

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12. Judge, UA Excellence Awards Committee Review Team 2020
13. Grad Faculty Representative, COP Graduate Program, AACP Virtual Pharmacy Fair 08/2020
14. Grad Faculty Representative, COP Graduate Program, AACP Virtual Pharmacy Fair 09/2020
15. Pharmaceutics/Pharmacokinetics Track Representative, ABBS Executive Committee 10/20-01/22
16. Elected Member, Faculty Governance, [UA Nominating Committee](#) 2020-2022
17. Judge, UA Excellence Awards Committee Review Team 2021
18. Elected Faculty Senator-At-Large Representative, Faculty Governance, [UA Faculty Senate](#) 2021-2022

The UA University-Level Committees:

1. AZ Area Health Education Centers (AHEC) faculty research grant reviewer 2015-2016
2. UA COP Dean Search Advisory Committee, Senior VP Health Sciences 2015-2016
3. InterProfessional Education (IPE) Disability Faculty Committee, UA COP member 2016-2017
4. UA Excellence Awards Committee Review Team 2019
5. [UA Nominating Committee](#), Faculty Governance 2020-2022
-Appointment by election
6. UA Excellence Awards Committee Review Team 2020
7. Arizona Cancer Drug Discovery Panel 2020-2022
8. [UA Institutional Review Committee \(IRC\)](#) 2020-2022
- Invitation & appointment by Senior Vice President for Research & Innovation, Dr. Elizabeth R. Cantwell
9. ABBS (Arizona Biomedical & Biological Sciences) Executive Committee 2020-2022
10. UA Excellence Awards Committee Review Team 2021
11. [UA Faculty Senate](#), Faculty Senator-At-Large, Faculty Governance 2021-2022
-Appointment by election

Journal Expert Reviewer:

1. *The AAPS Journal*
2. *AAPS PharmSciTech*
3. *Journal of Pharmaceutical Sciences*
4. *Journal of Controlled Release*
5. *Molecular Pharmaceutics*
6. *International Journal of Pharmaceutics*
7. *Nanomedicine: Nanotechnology, Biology, and Medicine*
8. *European Journal of Pharmaceutics and Biopharmaceutics*
9. *European Journal of Pharmaceutical Sciences*
10. *Lung*
11. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*
12. *PLoSOne*
13. *PNAS*
14. *Pulmonary Circulation*

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15. *Pharmaceutics*
16. *Pulmonary Pharmacology & Therapeutics*
17. *Respiratory Medicine*
18. *RSC Molecular Systems Design & Engineering*

Professional Development Faculty Workshops:

- | | |
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| 7. Faculty Workshops, UA Provost's Office | 2013-2021 |
| 8. <i>Writing & Designing NIH Proposals Workshop</i> : Grant Training Center, Arlington, Virginia | 01/2015 |
| 9. <i>Grant Writing Basics Workshop</i> : Grant Training Center, Arlington, Virginia | 01/2015 |
| 10. <i>Writing & Designing NSF Proposals Workshop</i> : Grant Training Center, Arlington, Virginia | 02/2015 |
| 11. <i>Write Winning NIH Grant Proposals Workshop</i> : UAHS & Cancer Ctr, Tucson, AZ | 02/2017 |
| 12. <i>Structuring NIH Proposals</i> , UA VP Office of Research & Development, Tucson, AZ | 04/2020 |
| 13. <i>Tech Launch Arizona Women Inventors Claim Your Seat Workshop 4-Part Series</i> , Tucson, AZ | 05/2021 |
| 14. <i>Translational Medicine 2-Day Workshop</i> , Tucson, AZ | 05/2021 |
| 15. <i>NIH Proposal Resubmissions 1-Day Workshop</i> , Tucson, AZ | 06/2021 |
| 16. <i>FIU Office to Advance Women, Equity, and Diversity (AWED) Promotion & Tenure STRIDE Workshop</i> , Port St. Lucie, FL | 09/2022 |
| 17. <i>FIU AWED Best Practices in Hiring Faculty STRIDE Workshop</i> , Port St. Lucie, FL | 10/2022 |

PUBLICATIONS/CREATIVE ACTIVITY (PUBLISHED OR ACCEPTED IN CHRONOLOGICAL ORDER)

[Google Scholar](#) H-Index=40 and i10-index=90

Edited Book Co-Editor:

1. *Nanomedicine in Drug Delivery*. Kumar, A., **Mansour, H.M.**, Friedman, A., and Blough, E.R. (Editors), CRC Press/Taylor & Francis, Inc. London, United Kingdom. (2013). 469 pages. ISBN 9781466506169. (Peer-Reviewed) [*Time Cited: 29*] [\[link\]](#)
2. *Inhalation Aerosols: Physical and Biological Basis for Therapy*. Hickey, A. J. and **Mansour, H.M.** (Editors), Third Edition, *Lung Biology in Health and Diseases Series*, Executive Editor, Dr. Claude Lenfant, CRC Press/Taylor & Francis, London, United Kingdom. (2019) 418 pages. ISBN 9781138064799. [*Time Cited: 208*] [\[Link\]](#) [\[Editor Profile\]](#)
3. *Nanotechnology in Pharmaceutical Aerosol Science and Pulmonary Delivery*. **Mansour, H.M.** and Hickey, A. J. (Editors), First Edition, *Nanoscience and Nanotechnology Science Series*, Editor-in-Chief Nguyễn T K Thanh (University College London), The Royal Society of Chemistry (RSC), Cambridge, United Kingdom. (In Progress for 2025)

Book Chapters (Invited and all Peer-Reviewed): *Corresponding Author*

1. Hickey, A.J. and **Mansour, H.M.** *Book Volume 2, Chapter 43: Formulation Challenges of Powders for the Delivery of Small Molecular Weight Molecules as Aerosols. Modified-Release Drug Delivery Technology Volume 2, Drugs and the Pharmaceutical Sciences Series*. 728 pages. Rathbone, M. J., Hadgraft, J., Roberts, M.S., Lane, M. E. (Editors), Second Edition, Informa Healthcare, New York, (2008): pp. 573-602. ISBN: 9781420053555 [*Times Cited: 47*] [\[link\]](#)
2. Hickey, A.J. and **Mansour, H.M.** *Book Volume 2, Chapter 5: Delivery of Drugs by the Pulmonary Route. Modern Pharmaceutics Volume 2: Applications and Advances, Drugs and the Pharmaceutical Sciences Series*. 500 pages. Florence, A. T., Siepmann, J. (Editors), Fifth Edition, Informa Healthcare, New York, (2009): pp.191-219. ISBN: 9781420065664 [*Times Cited: 57*] [\[link\]](#)
3. ***Mansour, H.M.***, Rhee, Y.S., Park, C.W., and DeLuca, P.P. *Book Chapter 9: Lipid Nanoparticulate Drug Delivery and Nanomedicine. Lipids in Nanotechnology*. 306 pages. Moghis, A. (Editor), American Oil Chemists Society Press, Urbana, Illinois, (2012): pp.221-268. ISBN: 9780981893679 [*Times Cited: 19*] [\[link\]](#)

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4. ***Mansour, H.M.***, Park, C.W., and Hayes, D. Jr. *Book Chapter 3: Nanoparticle Lung Delivery and Inhalation Aerosols for Targeted Pulmonary Nanomedicine. Nanomedicine in Drug Delivery*. 469 pages. Kumar, A., **Mansour, H.M.**, Friedman, A., and Blough, E.R. (Editors), CRC Press/Taylor & Francis, Inc. London, United Kingdom. (2013): pp.43-74. ISBN: 9781466506169. [Times Cited: 33] [\[link\]](#) [\[link\]](#)
5. ***Mansour, H.M.*** and Park, C.W. *Book Chapter 7: Therapeutic Applications and Targeted Delivery of Nanomedicines and Nanopharmaceutical Products. The Clinical Nanomedicine Handbook*. 365 pages. Brenner, S.A. (Editor), CRC Press/Taylor & Francis, Inc., London, United Kingdom. (2013): pp.321-338. ISBN: 9781439834787 [Times Cited: 5] [\[link\]](#)
6. ***Mansour, H.M.***, Xu, Z., Meenach, S.A., Park, C.W., Rhee, Y.S., and DeLuca, P.P. *Book Chapter 5: Novel Drug Delivery Systems. Drug Delivery*. 550 pages. Mitra, A.K. (Editor), Jones & Bartlett, Burlington, MA. (2015): pp.71-107. ISBN-13: 9781284025682. [Times Cited: 1] [\[link\]](#)
7. ***Mansour, H.M.***, Muralidharan, P., and Hayes, D. Jr. *Book Chapter 8b: Inhaled Nanoparticulate Systems: Composition, Manufacture, and Aerosol Delivery. ISAM Textbook of Aerosol Medicine*. Dhand, R. (Editor-in-Chief), Rothen-Rutishauser, B., and Hickey, A.J (Associate Editors), International Society for Aerosols in Medicine (ISAM). (2015): 353-394.
8. ***Mansour, H.M.***, Park, C.W., and Bawa, R. *Book Chapter 9: Design and Development of Approved Nanopharmaceutical Products. Handbook of Clinical Nanomedicine: From Bench to Bedside*. 3000 pages. Bawa, R., Audette, G.F., and Rubinstein, I. (Editors), Pan Stanford Publishing/CRC Press/Taylor & Francis, Inc., (2016): 233-272. ISBN: 9789814316170. [Times Cited:23] [\[link\]](#)
9. ***Mansour, H.M.***, Myrdal, P.B., Younis, U., Muralidharan, P., Hillery, A.M., and Hayes, D. Jr. *Book Chapter 11: Pulmonary Drug Delivery. Drug Delivery: Fundamentals & Applications*. 630 pages. Hillery, A.M., Swarbrick, J., and Park, K., (Editors), Second Edition, CRC Press/Taylor & Francis, Inc., London, United Kingdom. (2016): 249-277. ISBN 9781482217711 [Times Cited: 10] [\[link\]](#)
10. Muralidharan, P., Hayes, D. Jr., and ***Mansour, H.M.***. *Book Chapter 18: Pulmonary Fibrosis. Lung Biology in Health and Diseases Series, Executive Editor, Dr. Claude Lenfant, Inhalation Aerosols: Physical and Biological Basis for Therapy*, Hickey, A. J. and **Mansour, H.M.**(Editors), Third Edition, CRC Press/Taylor & Francis, London, United Kingdom. 418 pages. (2019) pp.303-312. ISBN 9781138064799 [Times Cited: 3] [\[Chapter Link\]](#) [\[Link\]](#)
11. Acosta, M.F., Hayes, D. Jr., Fineman, J.R., Yuan, J.X.-J., Black, S.M., and ***Mansour, H.M.*** *Book Chapter 19: Therapeutics in Pulmonary Hypertension. Lung Biology in Health and Diseases Series, Executive Editor, Dr. Claude Lenfant, Inhalation Aerosols: Physical and Biological Basis for Therapy*, Hickey, A. J. and **Mansour, H.M.**(Editors), Third Edition, CRC Press/Taylor & Francis, London, United Kingdom. 418 pages. (2019) pp. 313-322. ISBN 9781138064799 [Times Cited: 6] [\[Chapter Link\]](#) [\[Link\]](#)
12. ***Mansour, H.M.***, Droopad, D., and Ledford, J.G.. *Book Chapter 20: Overview of Lung Surfactant and Respiratory Distress Syndrome. Lung Biology in Health and Diseases Series, Executive Editor, Dr. Claude Lenfant, Inhalation Aerosols: Physical and Biological Basis for Therapy*, Hickey, A. J. and **Mansour, H.M.**(Editors), Third Edition, CRC Press/Taylor & Francis, London, United Kingdom. 418 pages. (2019) pp. 323-326. ISBN 9781138064799 [Times Cited: 1] [\[Chapter Link\]](#) [\[Link\]](#)
13. Warnken, Z., Kim, Y.J., **Mansour, H.M.**, Williams III, R.O., and Smyth, H.D.C. *Book Chapter 22: Fundamentals in Nasal Drug Delivery. Lung Biology in Health and Diseases Series, Executive Editor, Dr. Claude Lenfant, Inhalation Aerosols: Physical and Biological Basis for Therapy*, Hickey, A. J. and **Mansour, H.M.**(Editors), Third Edition, CRC Press/Taylor & Francis, London, United Kingdom. 418 pages.418 pages. (2019) pp. 343-360. ISBN 9781138064799 [Times Cited:2] [\[Chapter Link\]](#) [\[Link\]](#)
14. Eedara, B.B., Alabsi, W., Encinas-Basurto, D., Polt, R., Hayes, D. Jr, Black, S.M., and ***Mansour, H.M.*** *Chapter 7: Pulmonary Drug Delivery. Organelle and Molecular Targeting*. Milane, L. and Amiji, M. M.

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(Editors), First Edition, CRC Press/Taylor & Francis, London, United Kingdom. 510 pages (2021) pp.227-278. ISBN 9780367551377 [\[Chapter Link\]](#)

15. Eedara, B.B., Encinas-Basurto, D., Hayes, D. Jr, and ***Mansour, H.M.*** *Chapter 13: Inhalation Aerosol Phospholipid Particles for Targeted Lung Delivery. Organ Specific Drug Delivery and Targeting to the Lungs.* Narang, A. and Mahato, R.I. (Editors), First Edition, CRC Press/Taylor & Francis, London, United Kingdom. (2023) pp. 405-430. ISBN 9781032010397. [\[Link\]](#)
16. Eedara, B.B., Encinas-Basurto, D., Manivannan, B., Hayes, D. Jr, and ***Mansour, H.M.*** [Chapter 3: Inhalable Nanomedicines for the Treatment of Pulmonary Aspergillosis.](#) *Nanomedicines for the Prevention and Treatment of Infectious Diseases.* Patravale, V., Date, A., and Jindal, A.B. (Editors), *AAPS Advances in the Pharmaceutical Sciences Series (Series ISSN: 2210-7371)*, Volume 56. 466 pages. Springer Nature (2023): pp.77-94. ISBN: 978-3-031-39019-7. [\[Link\]](#)

Book Reviews (Invited)

1. **Mansour, H.M.** *It's Only Natural: Using Polymers in Drug Delivery.* *Invited Book Review.* *Pharmaceutical Technology* (2009) 33 (1) January: 1-2. *[Mansour is a current Editorial Advisory Board Member]*
2. **Mansour, H.M.** *Molecular Forces and Self Assembly in Colloid, Nano Sciences and Biology.* *Invited Book Review.* *Journal of the American Chemical Society* (2011) 133 (13): 5162. PMID:21401031 *[Impact Factor: 14.695].*

Journal Publications (Peer-Reviewed): *Corresponding Author*

1. **Mansour, H.**, Wang, D.-S., Chen, C.-S., and Zograf, G. *Comparison of Bilayer and Monolayer Properties of Phospholipid Systems Containing Dipalmitoylphosphatidylglycerol and Dipalmitoylphosphatidylinositol.* *Langmuir* (2001) 17 (21): 6622-6632. *[Impact Factor: 3.9; Times Cited: 49]*
2. ***Mansour, H.M.*** and Zograf, G. *The Relationship Between Water Vapor Absorption and Desorption by Phospholipids and Bilayer Phase Transitions.* *Journal of Pharmaceutical Sciences* (2007) 96 (2): 377-396. PMID: 17080427. *[Impact Factor: 3.534; Times Cited: 42]*
3. ***Mansour, H.M.*** and Zograf, G. *Relationships Between Equilibrium Spreading Pressure and Phase Equilibria of Phospholipid Bilayers and Monolayers at the Air-Water Interface.* *Langmuir* (2007) 23 (7): 3809-3819. PMID: 17323986. *[Impact Factor: 3.9; Times Cited: 62]*
4. ***Mansour, H.M.***, Damodaran, S., and Zograf, G. *Characterization of the In Situ Structural and Interfacial Properties of the Cationic Hydrophobic Heteropolyptide, KL₄, in Lung Surfactant Bilayer and Monolayer Models at the Air-Water Interface: Implications for Pulmonary Surfactant Delivery.* *Molecular Pharmaceutics* (2008) 5 (5): 681-695. PMID: 18630875. *[Impact Factor: 4.9; Times Cited: 21]*
5. Hickey, A.J., **Mansour, H.M.**, Telko, M.J., Xu, Z., Smyth, H.D.C., Mulder, T., McLean, R., Langridge, J., and Papadopoulos, D. *Physical Characterization of Component Particles included in Dry Powder Inhalers: I. Strategy Review and Static Characteristic.* *Journal of Pharmaceutical Sciences: David Grant Dedicated Issue* (2007) 96 (5): 1282-1301. PMID: 17455324. *[Impact Factor: 3.534; Times Cited: 101]*
6. Hickey, A.J., **Mansour, H.M.**, Telko, M.J., Xu, Z., Smyth, H.D.C., Mulder, T., McLean, R., Langridge, J., and Papadopoulos, D. *Physical Characterization of Component Particles included in Dry Powder Inhalers: II. Dynamic Characteristics.* *Journal of Pharmaceutical Sciences: David Grant Dedicated Issue* (2007) 96 (5): 1302-1319. PMID: 17455364. *[Impact Factor: 2.997; Times Cited: 60]*
7. ***Mansour, H.M.*** and Hickey, A.J. *Raman Characterization and Chemical Imaging of Biocolloidal Self-Assemblies, Drug Delivery Systems, and Pulmonary Inhalation Aerosols. A Review.* *AAPS PharmSciTech* (2007) 8 (4): 140-155. PMID: 18181559. *[Impact Factor: 3.246; Times Cited: 67]*

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8. Xu, Z., **Mansour, H.M.**, Mulder, T., McLean, R., Langridge, J., and Hickey, A.J. *Comparative Dispersion Study of Dry Powder Aerosols of Albuterol Sulfate/Lactose Monohydrate and Cromolyn Sodium/Lactose Monohydrate Delivered by Standardized Entrainment Tubes.* Respiratory Drug Delivery (2008) 3: 897-900. [Times Cited: 4]
9. ***Mansour, H.M.***, Rhee, Y.S., and Wu, X. *Nanomedicine in Pulmonary Delivery.* International Journal of Nanomedicine (2009): 299-319. [Impact Factor: 8.0; Times Cited: 599].
10. Xu, Z., **Mansour, H.M.**, Mulder, T., McLean, R., Langridge, J., and Hickey, A.J. *Dry Powder Aerosols Generated by Standardized Entrainment Tubes from Drug Blends with Lactose Monohydrate: 1. Albuterol Sulfate and Disodium Cromoglycate.* Journal of Pharmaceutical Sciences (2010) 99 (8): 3398-3414. PMID: 20198688. [Impact Factor: 3.534; Times Cited:24]
11. Xu, Z., **Mansour, H.M.**, Mulder, T., McLean, R., Langridge, J., and Hickey, A.J. *Dry Powder Aerosols Generated by Standardized Entrainment Tubes from Drug Blends with Lactose Monohydrate: 2. Ipratropium Bromide Monohydrate and Fluticasone Propionate.* Journal of Pharmaceutical Sciences (2010) 99 (8): 3415-3429. PMID: 20222025. [Impact Factor: 3.534; Times Cited:48]
12. **Mansour, H.M.**, Xu, Z., and Hickey, A.J. *Dry Powder Aerosols Generated by Standardized Entrainment Tubes from Alternative Sugar Blends: 3. Trehalose Dihydrate and D-Mannitol Carriers.* Journal of Pharmaceutical Sciences (2010) 99 (8): 3430-3441. PMID: 20229601. [Impact Factor: 3.534; Times Cited:39]
13. Xu, Z., **Mansour, H.M.**, Mulder, T., McLean, R., Langridge, J., and Hickey, A.J. *Heterogeneous Particle Deaggregation and Its Implications for Therapeutic Aerosol Performance.* Journal of Pharmaceutical Sciences (2010) 99 (8): 3442-3461. PMID: 20232454. [Impact Factor: 3.534; Times Cited:29]
14. ***Mansour, H.M.***, Sohn, M., Al-Ghananeem, A., and DeLuca P.P. *Materials for Pharmaceutical Dosage Forms: Molecular Pharmaceutics and Controlled Release Drug Delivery Aspects. Invited Paper.* International Journal of Molecular Sciences: Special Issue- Material Sciences and Nanotechnology Section- Biodegradability of Materials in Biomedical Applications. (2010) 11: 3298-3322. PMID: 20957095. [Impact Factor: 5.6; Times Cited: 278]
15. Rhee, Y.S., Park, C.W., DeLuca, P.P., and ***Mansour, H.M.*** *Sustained-Release Injectable Drug Delivery Systems. An Invited Paper.* Pharmaceutical Technology: Special Issue Supplement-Drug Delivery (2010): 6-13. [Mansour is an Editorial Advisory Board Member; Times Cited:39]
16. Hayes, D. Jr., Zwischenberger, J.B., and **Mansour, H.M.** *Aerosolized Tacrolimus: A Case Report in a Lung Transplant Recipient.* Transplantation Proceedings (2010):1-4. PMID:21094875. [Impact Factor: 0.784; Times Cited: 22]
17. Wu, X., Li, X., and ***Mansour, H.M.*** *Surface Analytical Techniques in Solid-State Particle Characterization: Implications for Predicting Performance in Dry Powder Inhalers. Invited Paper.* KONA Powder & Particle Journal (2010) 28: 3-19. IDS Number: 698YS. [Published Once a Year, Exclusive International Journal by Editorial Advisory Board Invitation Only, Invitation by Editorial Advisory Board Member, Dr. Tony Hickey; Impact Factor: 4.1;Times Cited: 31]
18. Xu, Z., **Mansour, H.M.**, and Hickey, A.J. *Particle Interactions in Dry Powder Inhaler Unit Processes.* Journal of Adhesion Science and Technology: Special Issue on Adhesion Aspects in Pharmaceutical Sciences: (2011): 25 (4/5) 451-482. DOI: 10.1163/016942410X525669 [Impact Factor: 2.077; Times Cited: 68].
21. Rhee, Y.S. and ***Mansour, H.M.*** *Nanopharmaceuticals I: Nanocarrier Systems in Drug Delivery. Invited Paper.* International Journal of Nanotechnology: Special Issue on Nanopharmaceuticals. (2011) 8 (1/2): 84-114. [Impact Factor: 0.532; Times Cited: 40]

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

22. Wu, X. and ***Mansour, H.M.*** *Nanopharmaceuticals II: Application of Nanoparticles and Nanocarrier Systems in Pharmaceutics and Nanomedicine. Invited Paper. International Journal of Nanotechnology: Special Issue on Nanopharmaceuticals. (2011) 8 (1/2): 115-145. [Impact Factor: 0.532; Times Cited:24]*
23. Park, C.W., Hayes, D. Jr., and ***Mansour, H.M.*** *Pulmonary Inhalation Aerosols for Targeted Antibiotics Drug Delivery. Invited Paper & Cover Page. European Pharmaceutical Review (2011) 16 (1): 32-36. [Times Cited:18]*
24. Wu, X. and ***Mansour, H.M.*** *Pulmonary and Nasal Anti-Inflammatory and Anti-Allergy Inhalation Aerosol Delivery Systems. Invited Paper. Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry (2011) 10 (3): 215-229. [Times Cited: 17].*
25. Hayes, D. Jr. and **Mansour, H.M.** *Improved Outcomes of Patients with End-Stage Cystic Fibrosis Requiring Invasive Mechanical Ventilation for Acute Respiratory Failure. Lung (2011) 189 (5):409-415. [Impact Factor: 1.817; Times Cited: 5].*
26. Rhee, Y.S., Sohn, M., Woo, B.H., Thanoo, B.C., DeLuca, P.P., and ***Mansour, H.M.*** *In Vivo Sustained-Release Delivery of Octreotide Acetate Biodegradable Polymeric Microspheres. AAPS PharmSciTech: Special Theme Issue on Sterile Products. (2011) 12 (4):1293-1301. [Impact Factor: 2.401; Times Cited: 34]*
27. Li, X. and ***Mansour, H.M.*** *Physicochemical Characterization and Water Vapor Absorption of Organic Solution Advanced Spray Dried Trehalose Microparticles and Nanoparticles for Targeted Dry Powder Pulmonary Inhalation Delivery. AAPS PharmSciTech: Special Theme Issue on Advances in Pharmaceutical Excipients Research and Use (2011) 12 (4):1420-1430. [Impact Factor: 3.246; Times Cited: 44]*
28. Hayes, D. Jr., Ball, A.M., **Mansour, H.M.**, Martin, C.A., and Flynn, J.D. *Fungal Infection in Heart-Lung Transplant Recipients Receiving Single-agent Prophylaxis With Itraconazole. Experimental and Clinical Transplantation (2011) 9 (6): 399-404. [Impact Factor: 0.798; Times Cited: 16].*
29. Hayes, D. Jr., Winkler, M.A., Kirkby, S., Capasso, P., **Mansour, H.M.**, and Attili, A.K. *Preprocedural Planning with Prospectively Triggered Multi-Detector Row CT Angiography prior to Bronchial Artery Embolization in Cystic Fibrosis Patients with Massive Hemoptysis. Lung (2012) 190 (2): 221-225. [Impact Factor: 5.0; Times Cited: 15].*
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102. Alabsi, W., Acosta, M.F., Al-Obeidi, F.A., Hay, M., Polt, R., and ***Mansour, H.M.*** *Synthesis, Physicochemical Characterization, In Vitro Human Cellular Studies, and In Vitro Aerosol Dispersion Performance of Advanced Spray Dried and Co-Spray Dried Angiotensin (1-7) Peptide and PNA5 Glycopeptide with Trehalose as Microparticles/Nanoparticles for Targeted Respiratory Delivery as Dry Powder Inhalers.* Pharmaceutics: Special Theme Issue on Women in Pharmaceutics (2021) 13(8): 1278. [Impact Factor: 6.321; Times Cited: 5]
103. Collins, K., Younis, U.S., Hay, M., **Mansour, H.M.**, and Ledford, J.G. *Angiotensin-1-7 Peptide Hormone Reduces Inflammation and Pathogen Burden during Mycoplasma Pneumoniae Infection in Mice.* Pharmaceutics: Special Issue on Inhaled Treatment of Respiratory Infections (2021) 13(10): 1614. [Impact Factor: 6.525; Times Cited: 2]
104. Hoyer-Kimura, C.H., Konhilas, J., **Mansour, H.M.**, Polt, R., Doyle, K., Billheimer, D., and Hay, M. *Neurofilament Light: A Possible Prognostic Biomarker for Vascular Contributions to Cognitive Impairment and Dementia.* Journal of Neuroinflammation (2021) 18(1):236. [Impact Factor: 9.3; Times Cited: 5]
105. Muralidharan, P, Hayes, D. Jr., Fineman, J.R., Black, S.M., and ***Mansour, H.M.*** *Advanced Microparticulate/Nanoparticulate Respirable Dry Powders of a Selective RhoA/Rho Kinase (ROCK) Inhibitor for Targeted Pulmonary Inhalation Aerosol Delivery.* Pharmaceutics: Special Issue on Medical Aerosol Drug Delivery (2021) 13 (12): 2188. [Impact Factor: 6.525; Times Cited: 1]
106. Encinas-Basurto, D., McCombs, K., Vallorz, E.L., and **Mansour, H.M.** *Targeting Deep Lungs with Swellable Nano/Microgels for the Delivery of Suramin.* Drug Delivery to the Lungs (2021) 32 (Dec): 1-4. [\[Link\]](#)
107. Encinas-Basurto, D., Konhilas, J., Polt, R., Hay, M., and ***Mansour, H.M.*** *Glycosylated Ang-(1-7) MasR Agonist Peptide Poly Lactic-co-Glycolic Acid (PLGA) Nanoparticles and Microparticles in Cognitive Impairment: Design, Particle Preparation, Physicochemical Characterization, and In Vitro Release* Pharmaceutics: Special Issue on Nanomedicine Formulations Based on PLGA Nanoparticles for

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108. Vallorz, E.L., Encinas-Basurto, D., Schnellmann, R.G., and ***Mansour, H.M.*** *Design, Development, Physicochemical Characterization, and In Vitro Drug Release of Formoterol PEGylated PLGA Polymeric Nanoparticles* (2021) Pharmaceutics: Special Issue Nanomedicine Formulations Based on PLGA Nanoparticles for Diagnosis, Monitoring and Treatment of Disease: From Bench to Bedside (2022) 14 (3): 638. [Impact Factor: 6.525; Times Cited: 2]
109. Ruiz, V.H., Encinas-Basurto, D., Sun, B., Eedara, B.B., Dickinson, S., Wondrak, G., Chow, S., Curiel-Lewandrowski, C., and ***Mansour, H.M.*** *Design, Physicochemical Characterization, In Vitro Human Cell Culture, and In Vitro Permeation of Innovative Topical Formulations of Resatorvid for Targeted Skin Drug Delivery* Pharmaceutics: Special Issue on Skin Drug Delivery for Local and Systemic Applications (2022) 14 (4): 700. [Impact Factor: 6.525]
110. Alabsi, W., Jaynes, T., Alqahtani, T., Szabo, L., Sun, D., Vanderah, T.W., **Mansour, H.M.**, and Polt, R. *Synthesis of Alamandine Glycoside Analogues as New Drug Candidates to Antagonize the MrgD Receptor for Pain Relief*. Medicinal Chemistry Research: Special Issue Dedicated to Dr. Laurence Hurley (2022) :1-12. [Impact Factor: 1.965]
111. Alarcon, N.O., Jamillo, M., **Mansour, H.M.**, and Sun, B. *Therapeutic Cancer Vaccines—Antigen Discovery and Adjuvant Delivery Platforms*. Pharmaceutics: Special Issue on Recent Advances in Vaccine Delivery Systems (2022) 14 (7): Article 1448 pp.1-43. [Impact Factor: 6.525]
112. Vallorz, E.L., Janda, J., **Mansour, H.M.**, and Schnellmann, R.G. *Renal Localization of Formoterol Containing Polymeric Nanoparticles Improves Recovery from Ischemia Reperfusion-Induced Acute Kidney Injury in Mice*. Kidney International (2022) S0085-2538 (22)00511-7. [Impact Factor:10.612]
113. Alabsi, W., Eedara, B.B., Encinas-Basurto, D., Polt, R., and ***Mansour, H.M.*** *Nose-to-Brain Delivery of Therapeutic Peptides as Nasal Aerosols*. Pharmaceutics: Special Issue on Advances and Challenges in Nasal Formulation Developments (2022) 14 (9): 1870. [Impact Factor: 6.525]
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115. Ruiz, V.H., Encinas-Basurto, D., Sun, B., Eedara, B.B., Roh, E., Alarcon, N.O., Curiel-Lewandrowski, C., Bode, A.M., and ***Mansour, H.M.*** *Innovative Rocuronium Bromide Topical Formulation for Targeted Skin Drug Delivery: Design, Comprehensive Characterization, In Vitro 2D/3D Human Cell Culture and Permeation*. International Journal of Molecular Sciences: Special Issue on Dermatology: Advances on Pathophysiology and Therapies (2023) 24 (10): Article 8766 pp.1-18. [Impact Factor: 5.6]
116. Eedara, B.B., Manivannan, B., Alabsi, W., Sun, B., Curiel-Lewandrowski, C., Zhang, T., Bode, A.M., and ***Mansour, H.M.*** *Comprehensive Physicochemical Characterization, In Vitro Membrane Permeation, and In Vitro Human Skin Cell Culture of a Novel TOPK Inhibitor, HI-TOPK-032*. International Journal of Molecular Sciences: Special Issue on Dermatology: Advances on Pathophysiology and Therapies (2023) 24 (10): Article 15515 pp. 1-20. [Impact Factor: 5.6]
117. Encinas-Basurto, D., Eedara, B.B., and ***Mansour, H.M.*** *Biocompatible Biodegradable Polymeric Nanocarriers in Dry Powder Inhalers (DPIs) for Pulmonary Inhalation Delivery*. Journal of Pharmaceutical Investigation. Special Issue: Advances in Formulation and Preformulation Studies for Drug Development (2024) 54: 145-160. [Impact Factor: 5.5]

TECH TRANSFER, INVENTIONS, LICENSING, & PUBLIC-PRIVATE PARTNERSHIPS

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Intellectual Property/Patents/Inventions: *Corresponding Inventor*

1. [Patent US11110060B2](#) (USPTO Granted Sept 7, 2021) *Advanced Engineered Formulations of Suramin Microparticles and Nanoparticles for Drug Delivery and Applications Therein*. Inventors: ***Heidi M. Mansour, PhD***, Rick G. Schnellmann, PhD., and Maria Acosta, PhD.
2. [Patent US11667612B2](#) (USPTO Granted June 6, 2023). *Advanced Engineered Formulations of TMP/Ligustrazine and Microparticle/Nanoparticle Formulations for Inhalation Drug Delivery for Lung Vascular, Interstitial and Airway Diseases*. Inventors: ***Heidi M. Mansour, PhD***, Jason X.-J. Yuan, MD, PhD, Jian Wang, PhD, Alexan I. Gomez, MS, Priya Muralidharan, PhD, and Yali Gu.
3. [Patent US11878023B2](#) (USPTO Granted Jan 23, 2024) *Advanced Engineered Formulations of Rho/Rock Kinase Inhibitor (Fasudil) Microparticle/Nanoparticle Formulations For Inhalation Drug Delivery for Inhalation Drug Delivery For Respiratory and Pulmonary Vascular Diseases and Applications Therein*. Inventors: ***Heidi M. Mansour, PhD***, Stephen M. Black, PhD, and Priya Muralidharan, PhD.
4. [Patent US11904054B2](#) (USPTO Granted Feb 20, 2024). *Advanced Engineered Formulations of Simvastatin and Carnitine Microparticle/Nanoparticle Formulations for Inhalation Drug Delivery for Respiratory and Pulmonary Vascular Diseases and Applications Therein*. Inventors: ***Heidi M. Mansour, PhD***, Stephen M. Black, PhD, and Maria F. Acosta, PhD.
5. US Patent [US20220226349A1](#) PCT/US2020/46905 (filed 8/19/2020, published 2/25/2021) patent invention #UA18-190. *Topical Neurosteroid Formulations: Novel Formulations for Neurosteroids*. Inventors: Roberta Diaz Brinton, PhD, Kathleen Rodgers, PhD, Yu Jin Kim, PhD, and **Heidi Mansour, PhD**.
6. WO Patent [WO2021252879A1](#) PCT/US2021/036980 (filed 6/11/2020, published 12/16/2021) patent invention #UA20-108. *Synthesis and Characterization of Innovative Formulations of Suramin Hydrogels for Drug Delivery and Applications Therein*. Inventors: ***Heidi M. Mansour, PhD***, Rick G. Schnellmann, PhD., and David Encinas, Ph.D.
7. WO Patent [WO2021046200A1](#) PCT/US2020/049173 (filed 9/3/2020, published 3/11/2021) patent invention #UA19-252 *Stable Long-Term Infusable Formulations and Methods*. Inventors: Ronald Shebuski, PhD., **Heidi Mansour, PhD**, and Priya Muralidharan, PhD (See articles on [Research Outreach](#) and [SciTech Europa](#))
8. U.S. Patent [WO2022026789A1](#) PCT/US2021/043829 (filed in 7/31/20, published 02/03/22) patent invention #UA20-161 *"Design and Development of Innovative Formulations of Resatorvid for Targeted Skin Drug Delivery and Applications Therein"*. Inventors: ***Heidi M. Mansour, PhD***, Victor H. Ruiz, PharmD Student, Sally Dickinson, PhD, Georg Wondrak, PhD, Clara Curiel, MD, and Sherry Chow, PhD
9. U.S. Patent Application No. 63/172,941 (filed in 2021) Patent invention #UA21-128 *"Therapeutic Nanoparticles for Renal Disease"*. Inventors: ***Heidi M. Mansour, PhD***, Rick G. Schnellmann, Ph.D, David Encinas-Basurto, PhD, and Ernest Vallorz., PhD.
10. U.S. Patent Application No. [WO2023158678A1](#) PCT/US2023/01311 (filed in 2023) *"Fumaric Acid Esters, Inhalation Administration Methods, Pharmaceutical Uses, and Compositions"*. Inventors: Louise Hecker, PhD., Kosuke Kato, PhD., **Heidi M. Mansour, PhD**, and Priya Muralidhara, PhD.

Licensing:

1. WO Patent [WO2021046200A1](#) (2021) PCT/US2020/049173 (filed 9/3/2020, published 3/11/2021) patent invention #UA19-252 *Stable Long-Term Infusable Formulations and Methods*. Inventors: Ronald Shebuski, PhD., **Heidi Mansour, PhD**, and Priya Muralidharan, PhD. **Exclusive license with Cylerus, Inc.** 2019
2. US Patent [US20220226349A1](#) PCT/US2020/46905 (filed 8/19/2019, published 7/21/22) patent invention #UA18-190. *Topical Neurosteroid Formulations: Novel Formulations for Neurosteroids*. Inventors: Roberta

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Diaz Brinton, PhD, Kathleen Rodgers, PhD, Yu Jin Kim, PhD, and Heidi Mansour, PhD. Exclusive license with Neutherapeutics, Inc. 2020

Startup UA Spin-Off Company Co-Founder:

1. Surastar Pharmaceuticals, LLC, Tucson, AZ 2020-Present

MEDIA

International & National Media Coverage (while at FIU, January 2022-Present)

1. American Institute of Medical & Biological Engineering (AIMBE), Dr. Heidi Mansour Elected to the 2022 Class of the AIMBE College of Fellows February 18, 2022. [\[Link\]](#)
2. FIU News, FIU researcher Heidi M. Mansour elected to the 2022 Class of the AIMBE College of Fellow, April 26, 2022. [\[Link\]](#)
3. DiscoverRx Magazine (Univ of Wisconsin-Madison School of Pharmacy) Spring 2022, School of Pharmacy Professor and Alum Receive Top Honor for Medical and Biological Engineers, March 6, 2022. [\[Link\]](#)
4. BizTucson Magazine: Women Leading The Region, BizInnovation:Neutherapeutics, page 87, September 28, 2022. [\[Link\]](#)
5. National Academy of Inventors (NAI), NAI Welcomes 95 New Emerging Innovators, February 2023. [\[Link\]](#)
6. DiscoverRx Magazine (Univ of Wisconsin-Madison School of Pharmacy) Spring 2023, Class Notes: Accomplishments and Awards, March 16, 2023. [\[Link\]](#)
7. FIU Research Magazine 2023, Science & Technology: Advanced Drug Delivery + Nanomedicine, October 11, 2023. [\[Link\]](#)
8. Video on Drug and Drug Delivery, FIU Medicine. April 2024 [\[Link\]](#)

International Media Coverage (while at The UK and UA, July 2008-December 2021):

1. Insight & Interview: Drug Delivery & Formulation-Controlled Release. World Pharmaceutical Frontiers (2011) 2 (September): 61-64. [\[link\]](#)
2. Insight & Interview: Meeting Manufacturing Challenges Tied to Extended-Release Injectables. Pharmaceutical Technology (2012) 36 (5): 40-47.[\[link\]](#)
3. Named in "Top Reviewers in 2012". Nanomedicine: Nanotechnology, Biology, and Medicine (2012) [Impact Factor: 6.155] [\[link\]](#)
4. Named in "Top Reviewers in 2013". Nanomedicine: Nanotechnology, Biology, and Medicine (2013) [Impact Factor: 6.155] [\[link\]](#)
5. High-Precision Pulmonary Medicine. International Innovation (2015) 185 (Health & Nanomedicine): 99-101. [\[link\]](#) [\[link\]](#)
6. Aerosol Medicine. Pan European Networks: Science & Technology (2015) 16:1-2.[\[link\]](#)
7. Pulmonary Disease Research. Adjacent Government (2015): 80-81. [\[link\]](#)
8. Acknowledgement to Reviewers of Pharmaceuticals in 2014. Pharmaceutics (2015) 7: 1-2.
9. Named in "Top Reviewers in 2014". Nanomedicine: Nanotechnology, Biology, and Medicine (2015) [Impact Factor: 6.155] [\[link\]](#)

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10. *Attend Inhalation's Free July Webinar on Inhalation Device Design and Formulations.* Inhalation 1-2-3: July 2015 [\[link\]](#)
11. *Medical Xpress*, February 2016 [\[link\]](#)
12. *Medical News Today*, February 2016 [\[link\]](#)
13. *News-Medical.net*, February 2016 [\[link\]](#)
14. *Science Newsline*, February 2016 [\[link\]](#)
15. *Science Codex*, February 2016 [\[link\]](#)
16. *Lung Disease News*, February 2016 [\[link\]](#)
17. *UA Working to Treat Pulmonary Diseases with Inhalers.* RT (Respiratory Therapy), February 2016 [\[link\]](#)
18. *Twitter Royal Society of Chemistry (RSC)*, Molecular Systems Design & Engineering, March 2016 [\[link\]](#)
19. *In its 8th year, Aerosol School Continues to Evolve.* OINDP (Orally Inhaled Nasal Drug Products) News, July 2016 [\[link\]](#)
20. *Celebrating International Women's Day in Molecular Systems Design & Engineering*, Royal Chemistry of Society (RSC) Blog, March 2017 [\[link\]](#)
21. *Health & Medicine: Local Drug Delivery to Prosthetic Vascular Grafts: Preventing Failure of Prosthetic Grafts in Haemodialysis Patients.* Research Outreach (United Kingdom), October 2018 [\[link\]](#) [\[link_pdf\]](#)
22. *Cylerus: Innovative Drug Delivery for Prosthetic Vascular Grafts.* SciTech Europa (United Kingdom), March 2019 [\[link\]](#)
23. *Century-Old drug Repurposed to Fight Ulcers in Cancer, Diabetic Patients.* HealthCanal Medical News, May 2020 [\[link\]](#)
24. *Age-Old Drug Suramin Repurposed for Diabetic Foot Ulcers.* Medical Dialogues India: Daily Dose of Health & Medical News, May 2020 [\[link\]](#)
25. *ISAM Calls on Pharmaceutical Industry and Regulators to Prioritize Development of Inhaled Therapies for COVID-19.* OINDP News, June 2020 [\[link\]](#)
26. *Expert in Dry Powder Inhalers Recognition by Expertscape during Respiratory Care Week 2021.* October 2021 [\[link\]](#)

National, State, & Regional Media Coverage (while at The UA, July 2014-December 2021):

1. *In the Spotlight: May 21, 2014* College News: The UA College of Pharmacy (2014) [\[link\]](#)
2. *Nov. 19, 2014* Bulletin: The UA College of Pharmacy (2014) [\[link\]](#)
3. *Grants: Nov. 19, 2014* College News: The UA College of Pharmacy (2014) [\[link\]](#)
4. *Grants: Jan. 26, 2015* College News: UA College of Pharmacy (2015) [\[link\]](#)
5. *March 2015 - AHSC New Awards (2015)* [\[link\]](#)

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6. *In the Pharmacy Spotlight* AHSC (2015) [\[link\]](#)
7. *College of Pharmacy Faculty Earn Leadership Roles, Professional Honors* UA@Work (2015) [\[link\]](#)
8. *Three Earn Recognition at College of Pharmacy* UA College of Medicine: AHSC News Includes Many Activities for Fall DOM Calendars(2015) [\[link\]](#)
9. *College of Pharmacy faculty earn leadership roles, professional honors* COP in the News: Oct. 27, 2015 (2015) [\[link\]](#)
10. *In the Pharmacy Spotlight Sept. 21, 2015.* COP in the News: (2015) [\[link\]](#)
11. *In the Pharmacy Spotlight* AHSC Announcements - Sep 18, 2015 (2015) [\[link\]](#)
12. *In the Spotlight: Aug. 31, 2015* College News: UA College of Pharmacy (2015) [\[link\]](#)
13. "KEYS Research Internship" (2015) [\[link\]](#)
14. "UROC Research Consortium" UROC Prep (2015) [\[link\]](#)
15. "Winter Series Lung Conference: Lung Research" The UA College of Medicine & Arizona Respiratory Center (2015) [\[link\]](#)
16. Univ of Arizona College of Pharmacy Homepage Rotating Research Group Profile (2015) [\[link\]](#)
17. *COP Faculty Member Develops Treatments for Lung Diseases.* Nov. 25, 2015 The UA College of Pharmacy (2015) [\[link\]](#)
18. UA Research Lab Video Interview. December 2015. The UA College of Pharmacy (2015)
19. The American Association for the Advancement of Science (AAAS) EurekAlert, February 2016 [\[link\]](#)
20. *UA College of Pharmacy Faculty Member Dr. Heidi Mansour Develops Inhalers to Treat Lung Diseases- Faculty Research News with Video Interview* [\[link\]](#). February 29, 2016. The UA Health Sciences Office of Public Affairs (2016) [\[link\]](#)
21. *Feature Spotlight: Pharmacy Faculty Member Helps People Breathe Better.* February 29, 2016. The UA College of Medicine, Dept of Medicine. (2016) [\[link\]](#)
22. AZBigMedia, February 2016 [\[link\]](#)
23. *In the Spotlight: March 14, 2016.* UA College of Pharmacy (2016) [\[link\]](#)
24. The UA SWEHSC. July 8, 2016 [\[link\]](#)
25. *College News: Grants, August 23, 2016.* UA College of Pharmacy (2016) [\[link\]](#)
26. *In the Spotlight: Aug. 23, 2016: Student (Priya Muralidharan) and Advisor (Mansour, H.M.).* UA College of Pharmacy (2016)
27. *UA Health Sciences Promotes Collaborative Research With Multidisciplinary Program Feasibility Awards.* October 4, 2016. The UA Health Sciences News (2016) [\[link\]](#)
28. *UA Health Sciences Promotes Collaborative Research With Multidisciplinary Program Feasibility Awards.* October 4, 2016. The UA Health Sciences Office of Public Affairs (2016) [\[link\]](#)

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29. *The Art of Science*. January 29, 2017. The Arizona Daily Star: The UA 2017 Section on Science and Science. (2017) [\[link\]](#)
30. *University of Arizona Funds Early-Stage Inventions for Market Readiness*. January 30, 2017. Tech Launch Arizona. (2017) [\[link\]](#)
31. *University of Arizona Funds Early-Stage Inventions for Market Readiness*. January 31, 2017. UA College of Science, Chemistry & Biochemistry, College of Medicine-Tucson. (2017) [\[link\]](#)
32. *American Chemical Society (ACS) Journal Stars, Molecular Pharmaceutics*, March 2017 [\[link\]](#)
33. *Sickle Cell, Congenital Heart Disease Focus of UA Researcher NIH Awards Worth Nearly \$5.21M*. April 3, 2017. UA College of Medicine, Dept of Medicine (2017) [\[link\]](#)
34. *UA Researchers to Evaluate New Therapeutic Platform in Targeted Treatment of Idiopathic Pulmonary Fibrosis*. May 31, 2017. UA College of Medicine, Dept of Medicine (2017) [\[link\]](#)
35. *Rising to the Challenge*. Fall 2017. The UA Alumni Association (2017) [\[link\]](#)
36. *In Philanthropy: Rising to the Challenge*. Patron: Fall 2017 printed edition, The UA Foundation p. 21 (2017)
37. *Tech Blog Special Edition: A Celebration of UA's Women Inventors*. March 28, 2018. Tech Launch Arizona (2018) [\[link\]](#)
38. *Graduate Students, PharmD Students, and Faculty Recognized for Excellence*. May 21, 2018. UA College of Pharmacy (2018) [\[link\]](#)
39. *Research News*. May 2018. UA College of Pharmacy (2018) [\[link\]](#)
40. *Research News*. August 2018. UA College of Pharmacy (2018) [\[link\]](#)
41. *Faculty Highlight*. October 30, 2018. UA College of Pharmacy (2018) [\[link\]](#)
42. *Regulatory Science Series – Nanotechnology & Drug Regulation*. October 1, 2018. UA College of Pharmacy (2018) [\[link\]](#)
43. *The UAHS Asthma & Airway Disease Research Center Presents*: October 24, 2018. UAHS. (2018) [\[link\]](#)
44. *Pharmacology and Toxicology Department Highlights: November 2018*. UA College of Pharmacy (2018) [\[link\]](#)
45. *Rising to the Challenge*. February 2, 2019. UA College of Pharmacy (2019) [\[link\]](#)
46. *Pharmacology and Toxicology Department Highlights: March 2019*. UA College of Pharmacy (2019) [\[link\]](#)
47. *Pharmacology and Toxicology Department Highlights: May 2019*. UA College of Pharmacy (2019) [\[link\]](#)
48. *ATS Peds Assembly*. May 17, 2019. Spring Newsletter. (2019) [\[link\]](#)
49. *Pharmaceutics & Drug Delivery Announcements: Updates from Dr. Ding*. May 21, 2019. UA College of Pharmacy (2019) [\[link\]](#)
50. *Are Medications Purchased Internationally as Efficacious as their U.S. Counterparts?* June 17, 2019. UA College of Pharmacy (2019) [\[link\]](#)
51. *Pharmacology and Toxicology Department Highlights: June 2019*. UA College of Pharmacy (2019) [\[link\]](#)

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52. *Pharmacology and Toxicology Department Highlights: July 2019.* UA College of Pharmacy (2019) [\[link\]](#)
53. *Pharmacology and Toxicology Department Highlights: August 2019.* UA College of Pharmacy (2019) [\[link\]](#)
54. *UTEP BUILD Scholars Spend Their Summers Immersed in Research and New Experiences Away From Home.* Sept 30, 2019. NIH DPC (Diversity Program Consortium) Newsletter 4 (3) (2019) [\[link\]](#)
55. *Pharmacology and Toxicology Department Highlights: September 2019.* UA College of Pharmacy (2019) [\[link\]](#)
56. *Pharmacology and Toxicology Department Highlights: October 2019.* UA College of Pharmacy (2019) [\[link\]](#)
57. *Pharmacology and Toxicology Department Highlights: November 2019.* UA College of Pharmacy (2019) [\[link\]](#)
58. *Better Medicine.* Patron: Winter 2019 printed edition "Building Greatness", The UA Foundation Feature Story p.11 (2019)
59. *Pharmacology and Toxicology Department Highlights: February 2020.* UA College of Pharmacy (2020) [\[link\]](#)
60. *Pharmacology and Toxicology Department Highlights: March 2020.* UA College of Pharmacy (2020) [\[link\]](#)
61. *Suramin Repurposed to Fight Oral Mucositis and Diabetic Foot Ulcers.* March 27, 2020. UA College of Pharmacy (2020) [\[link\]](#)
62. *Tech Blog: Suramin Repurposed to Fight Oral Mucositis and Diabetic Foot Ulcers.* March 28, 2020. Tech Launch Arizona (2020) [\[link\]](#)
63. *Tech Blog Video: Suramin Repurposed to Fight Oral Mucositis and Diabetic Foot Ulcers.* March 28, 2020. Tech Launch Arizona (2020) [\[Video Link\]](#)
64. *Pharmacology and Toxicology Department Highlights: May 2020.* UA College of Pharmacy (2020) [\[link\]](#)
65. *UArizona Researchers Repurpose Suramin to Fight Oral Mucositis and Diabetic Foot Ulcers.* May 1, 2020. The UAHS (2020) [\[link\]](#)
66. *Research News: Century-old Drug Repurposed to Fight Ulcers in Cancer, Diabetic Patients.* May 15, 2020. UBNow (2020) [\[link\]](#)
67. *Pharmacology and Toxicology Department Highlights: June 2020.* UA College of Pharmacy (2020) [\[link\]](#)
68. *Pharmacology and Toxicology Department Highlights: July 2020.* UA College of Pharmacy (2020) [\[link\]](#)
69. *Major Grants & Awards.* UA Office of Research, Impact, & Innovation. (2020) [\[link\]](#)
70. *Congratulations to Our Research Stars!* July 15, 2020 Email announcement to all University of Arizona Faculty. Dr. Elizabeth "Betsy" Cantwell, Senior Vice President for Research and Innovation, UA Office of Research, Impact, & Innovation. (2020)
71. *UArizona Health Sciences Researchers Prepare First Potential Drug Therapy for Vascular Dementia for Clinical Trials.* September 16, 2020. The UA Health Sciences News (2020) [\[link\]](#)[\[link\]](#)
72. *UArizona Researchers Near Trials of First Drug for Vascular Dementia.* Article September 24, 2020. BizTucson. (2020) [\[link\]](#)

73. [UAHS Equity, Diversity, & Inclusions: People and Programs 'On The Move' at UArizona College of Pharmacy](#) October 15, 2020
74. *Tech Launch Arizona (TLA) Celebrating Women's History Month-Heidi Mansour*. Video March 12, 2021 [\[Video Link\]](#)
75. *Tech Launch Arizona (TLA) Women Make It Happen: Meet Three UArizona Inventors*. Article March 27, 2021 [\[link\]](#)
76. *APhA Academies and Special Interest Groups Announce 2021 Election Results*. [APhA](#), June 2021 [\[link\]](#)
77. *Despite COVID, UArizona Reports Strong Year for Innovation and Commercialization*. Article July 22, 2021 [\[link\]](#)

CONFERENCES/SCHOLARLY PRESENTATIONS

International & National Meeting Abstracts:

1. **Mansour, H.M.**, Damodaran, S., and Zografii, G. *Surface Structural Characterization and Effects of a Surface-Active, Hydrophobic Heteropolypeptide, KL₄, on Phospholipid Bilayer Spreading and Monolayer Phase Behavior at the Air-Water Interface: Implications for Pulmonary Surfactant Delivery*. The 10th Annual Liposome Research Days & The 1st Univ. of North Carolina Drug Conference, Chapel Hill, NC, 2006.
2. **Mansour, H.M.**, Kujanpää, J., Tuomenoja, H., Papadopoulos, D., Mulder, T., Langridge, J., and Hickey, A.J. *Characterization of the Effects of Various Sugar Carriers and Inhalation Devices on the Surface Electrostatics of Aerosolized Dry Powder Inhalation Particles containing Albuterol Sulfate*. The AAPS Journal (2006) 8 (S2) M1239. *[Impact Factor: 3.76]*
3. **Mansour, H.M.**, Kujanpää, J., Tuomenoja, H., and Hickey, A.J. *Electrostatic Charge Behavior of Aerosolized Pharmaceutical Particles for Various Drug/Sugar Carrier Dry Powder Inhalation Particulate Systems*. The AAPS Journal (2006) 8 (S2) M1245. *[Impact Factor: 3.76]*
4. **Mansour, H.M.**, Xu, Z., and Hickey, A.J. *Characterization of Dry Powder Aerosols of Albuterol Sulfate and Cromolyn Sodium with Various Sugar Carriers Delivered by Standardized Entrainment Tubes*. The AAPS Journal (2007) 9 (S2) W5234. *[Impact Factor: 3.76]*
5. Xu, Z., **Mansour, H.M.**, Mulder, T., McLean, R., Langridge, J., and Hickey, A.J. *Characterization of Dry Powder Aerosols of Albuterol Sulfate/Lactose Monohydrate and Cromolyn Sodium/Lactose Monohydrate Delivered by Standardized Entrainment Tubes*. The AAPS Journal (2007) 9 (S2) W5235. *[Impact Factor: 3.76]*
6. Hickey, A.J., **Mansour, H.M.**, Telko, M.J., Xu, Z., Smyth, H.D.C., Mulder, T., McLean, R., Langridge, J., and Papadopoulos, D. *Formulation Screening to Achieve Performance Prediction of Pharmaceutical Dry Powder Aerosols*. Journal of Aerosol Medicine-Drug Delivery to the Lungs XVII (2007) 20 (3) September: Article 10 p.369.
7. **Mansour, H.M.**, Sohn, M., Rhee, Y.S., Woo, B., and DeLuca P.P. *Sustained Release Delivery of Octreotide Acetate from Biodegradable Polymeric Microspheres*. The AAPS Journal (2009) (S2) W5036.
8. Xu, Z., **Mansour, H.M.**, Mulder, T., McLean, R., Langridge, J., and Hickey, A.J. *Performance Evaluation of Dry Powder Aerosol Formulation Using Modified Surface Adsorption Expression*. The AAPS Journal (2009) (S2) R6197.

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9. Xu, Z., **Mansour, H.M.**, Mulder, T., McLean, R., Langridge, J., and Hickey, A.J. *Heterogenous Particle Deaggregation and Its Implication for Therapeutic Aerosol Performance*. The AAPS Journal (2009) (S2) R6198.
10. Li, X. and **Mansour, H.M.** *Physicochemical Characterization and Water Vapor Sorption of Advanced Spray Dried Trehalose Microparticles and Nanoparticles in the Solid-State for Targeted Pulmonary Delivery as Dry Powders*. Pharmaceutics Graduate Student Research Meeting (PGSRM). The Ohio State University College of Pharmacy, Columbus, OH. (June 2010).
11. Ma, J., Dziubla, T.D., and **Mansour, H.M.** *Advanced Spray Dried Particles for Targeted Pulmonary Delivery in Lung Cancer*. Pharmaceutics Graduate Student Research Meeting (PGSRM). The Ohio State University College of Pharmacy, Columbus, OH. (June 2010).
12. Wu, X. and **Mansour, H.M.** *Advanced Spray Dried Tacrolimus Particles for Lung Transplant Immunosuppression By Targeted Dry Powder Pulmonary Inhalation Delivery*. Pharmaceutics Graduate Student Research Meeting (PGSRM). The Ohio State University College of Pharmacy, Columbus, OH. (June 2010).
13. Li, X. and **Mansour, H.M.** *Quality-By-Design for Excipient Functionality: Advanced Spray-Dried Trehalose Microparticles and Nanoparticles for Targeted Pulmonary Inhalation Delivery*. International Pharmaceutical Excipient Council (IPEC) Excipient Fest 2011, Baltimore, MD. (Mansour, H. M. Presenting Author).
14. **Mansour, H.M.** *Phospholipid Nanopharmaceuticals in Advanced Drug Delivery (Abstract # 43590)*. 2011 American Oil Chemist's Society (AOCS) Annual Meeting & Exhibition, Symposium on "Phospholipids in Pharma and Cosmetics Applications", Cincinnati, OH. (May 2011) (Mansour, H.M. Presenting Author).
15. Park, C.W, Hayes, D. Jr., and **Mansour, H.M.** *Advanced Spray-dried Vancomycin hydrochloride and Clarithromycin Particles for Targeted Pulmonary Inhalation Delivery as Dry Powders*. Controlled Release Society Annual Meeting & Exhibition 2011 National Harbor, MD (July 2011).
16. Li, X., Hayes, D. Jr, and **Mansour, H.M.** *Advanced Spray Dried Microparticles/Nanoparticles of Antibiotics and a Mucolytic in the Solid-state for Cystic Fibrosis Treatment by Targeted Pulmonary Delivery*. Controlled Release Society Annual Meeting & Exhibition 2011 National Harbor, MD (July 2011).
17. Ma, J., Dziubla, T.D., and **Mansour, H.M.** *Advanced Spray Dried Particles for Targeted Pulmonary Delivery in Lung Cancer*. Controlled Release Society Annual Meeting & Exhibition 2011 National Harbor, MD (July 2011).
18. **Mansour, H.M.** *Rational Design, Development, and Optimization of Nanopharmaceuticals for Targeted Drug Delivery in Nanomedicine-An Interfacial and Colloidal Science Approach*. American Chemical Society (ACS) 242nd Annual Meeting & Exhibition: Division of Colloid & Surface Chemistry Symposium on Nanomedicine, Denver, CO. ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY Volume: 242 Meeting Abstract: 281-COLL (August 2011) (Mansour, H.M. Presenting Author/Invited Speaker/Session Presider).
19. **Mansour, H.M.**, Park, C.W, Vogt, F.G., and Hayes, D. Jr. *Advanced Spray-Dried Vancomycin Hydrochloride and Clarithromycin Lipospheres for Targeted Pulmonary Inhalation Aerosol Delivery*. 4th Annual AAPS Nanotechnology & Nanomedicine Symposium, Louisville, KY (September 2011)
20. **Stocke, N., Mansour, H.M.**, and Hilt, J.Z. *Enhanced Transport of PEG-Based Magnetic Nanocomposites In Artificial Mucus Barriers (Abstract # 239713)*. 2011 American Institute of Chemical Engineers (AIChE) Annual Meeting & Exhibition, Nanoscale Science and Engineering Forum. Minneapolis, MN (October 2011) [\[link\]](#)

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21. Li, X., Hayes, D. Jr, and **Mansour, H.M.** *Advanced Spray-Dried Microparticulate/Nanoparticulate Powders for Cystic Fibrosis Treatment by Targeted Pulmonary Delivery.* 2011 American Association of Pharmaceutical Scientists (AAPS) Annual Meeting & Exhibition, Washington, D.C. (October 2011)
22. Li, X., Hayes, D. Jr., and **Mansour, H.M.** *Targeted Lung Delivery by Inhalable Multifunctional Microparticulate/Nanoparticulate Aerosols for Cystic Fibrosis Combination Drug/Mucolytic Treatment.* Pediatric Pulmonology Journal (2011) 46 (S34): 346. (Impact Factor: 2.297) (presentation at the 2011 North American Cystic Fibrosis Conference (NACFC) Annual Meeting & Exhibition, Anaheim, CA)
23. Meenach, S.A., McGarry, R.C., Hilt, J.Z., Anderson, K.W., and **Mansour, H.M.** *Advanced Spray Dried Microparticulate/Nanoparticulate Inhalable Polymeric Lipospheres Containing Paclitaxel for Targeted Pulmonary Nanomedicine in Lung Cancer Treatment.* 39th Annual Controlled Release Society (CRS) Meeting & Exhibition 2012, Quebec, Canada (July 2012).
24. Hayes, D. Jr., Yates, A.R., Duffy, V.L., Chicoine, L.G., Nicol, K.K., **Mansour, H.M.**, McConnell, P.I., Preston, T.J. *Placement of a Bicaval Dual-lumen Catheter in Piglets Using Anatomical Landmarks and Confirmation with Transthoracic Echocardiography Doppler Imaging in a Model of Single-Venous Venovenous Extracorporeal Membrane Oxygenation.* CHEST 2012 Annual Meeting Atlanta, GA. CHEST (2012) 142 (4):770A. [\[link\]](#)
25. Hayes, D. Jr., Kopp, B.T., **Mansour, H.M.**, Kirkby, S., Yates, A.R., McCoy, K.S., Daniels, C.J. *Exercise-induced Pulmonary Arterial Hypertension in Pediatric and Young Adult Patients with Cystic Fibrosis.* CHEST 2012 Annual Meeting Atlanta, GA. CHEST (2012) 142 (4):773A. [\[link\]](#)
26. Meenach, S.A., McGarry, R.C., Hilt, J.Z., Anderson, K.W., and **Mansour, H.M.** *Characterization and Optimization of Inhalable PEGylated Phospholipid Microparticles and Nanoparticles Containing Paclitaxel for Targeted Pulmonary Nanomedicine in Lung Cancer as Dry Powder Inhalers.* 2012 American Institute of Chemical Engineers (AIChE) Annual Meeting & Exhibition, Pittsburgh, PA. (October 2012). [\[link\]](#)
27. Meenach, S.A., Tsoras, A.N., McGarry, R.C., **Mansour, H.M.**, Hilt, J.Z., and Anderson, K.W. *Development of Three-Dimensional Lung Multicellular Spheroids in Air and Liquid Interface Culture for the Evaluation of Anti-Cancer Therapeutics.* 2012 American Institute of Chemical Engineers (AIChE) Annual Meeting & Exhibition, Pittsburgh, PA. (October 2012) [\[link\]](#)
28. Stocke, N., Meenach, S.A., Anderson, K.W., **Mansour, H.M.**, and Hilt, J.Z. *Development of Inhalable Iron Oxide Nanocomposites for Application in Lung Cancer Therapy.* 2012 American Institute of Chemical Engineers (AIChE) Annual Meeting & Exhibition, Pittsburgh, PA. (October 2012) [\[link\]](#)
29. Stocke, N., Zhang, X., **Mansour, H.M.**, DeRouchey, J., and Hilt, J.Z., *Probe Diffusion in Poly(ethylene glycol)-based Hydrogels Studied by Fluorescence Correlation Spectroscopy.* 2012 American Institute of Chemical Engineers (AIChE) Annual Meeting & Exhibition, Pittsburgh, PA.(October 2012) [\[link\]](#)
30. Meenach, S.A., Anderson, K.W., Hilt, J.Z., McGarry, R.C., and **Mansour, H.M.** *Characterization and Optimization of Inhalable PEGylated Phospholipid Microparticles and Nanoparticles Containing Paclitaxel for Targeted Pulmonary Nanomedicine in Lung Cancer.* 2012 Society for Biomaterials Conference- Biomaterials Day Lexington, KY (October 2012). [\[link\]](#) **1st Place-Best Oral Presentation Award**
31. Li, X., Vogt, F.G., Hayes, D. Jr, and **Mansour, H.M.** *Design and Aerosol Dispersion Performance of Organic Solution Advanced Spray-Dried Microparticulate/Nanoparticulate Mucolytic Powders for Targeted Pulmonary Delivery as Dry Powder Inhalers.* 2012 American Association of Pharmaceutical Scientists (AAPS) Annual Meeting & Exhibition, Chicago, IL. (October 2012)
32. Li, X., Vogt, F.G., Hayes, D. Jr, and **Mansour, H.M.** *Design and Aerosol Dispersion Performance of Organic Solution Advanced Co-Spray-Dried Multifunctional Microparticulate/Nanoparticulate Aerosol*

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Formulations for Targeted Pulmonary Delivery as Dry Powder Inhalers. 2012 American Association of Pharmaceutical Scientists (AAPS) Annual Meeting & Exhibition, Chicago, IL. (October 2012)

33. Li, X., Vogt, F.G., Hayes, D. Jr, and **Mansour, H.M.** *Design and Aerosol Dispersion Performance of Organic Solution Advanced Spray-Dried Microparticulate/Nanoparticulate Mucolytic Powders for Targeted Pulmonary Delivery as Dry Powder Inhalers in Cystic Fibrosis.* Pediatric Pulmonology Journal (2012) 47 (S35): 360-361. (Impact Factor: 2.297)
(presentation at the 2012 North American Cystic Fibrosis Conference (NACFC) Annual Meeting, Orlando, FL)
34. **Mansour, H.M.** *Nanotechnology in Dry Powder Inhalation Aerosol Formulations.* ISAM 2013 Nineteenth World Congress of the International Society for Aerosols in Medicine, Chapel Hill, NC. (April 2013)
35. Stocke, N., Meenach, S.A., **Mansour, H.M.**, Hilt, J.Z. *Formulation and Characterization of Inhalable Magnetic Nanocomposite Microparticles (MnMs) for Targeted Pulmonary Delivery.* 40th Annual Controlled Release Society (CRS) Meeting & Exhibition 2013, Hawaii (July 2013).
36. Meenach, S.A., Tsoras, A.N., McGarry, R.C., **Mansour, H.M.**, Hilt, J.Z. and Anderson, K.W. *Development of Three-Dimensional Lung Multicellular Spheroids for the Evaluation of Anti-Cancer Therapeutics.* 40th Annual Controlled Release Society (CRS) Meeting & Exhibition 2013, Hawaii (July 2013).
37. Stocke, N., Meenach, S.A., Anderson, K.W., Arnold, S., **Mansour, H.M.**, and Hilt, J.Z. *Inhalable Magnetic Nanocomposite Microparticles for Application in Lung Cancer Therapy-In Vitro Safety and Efficacy Studies.* 2013 American Institute of Chemical Engineers (AIChE) Annual Meeting & Exhibition, San Francisco, CA. (October 2013)
38. Hayes, D. Jr, Kopp B, Preston T, Kirkby S, **Mansour H.M.**, and Whitson B. *Survival of Cystic Fibrosis Patients on ECHMO: Analysis.* Pediatric Pulmonology Journal (2013) 48 (S36). (Impact Factor: 2.297)
(presentation at the 2013 North American Cystic Fibrosis Conference (NACFC) Annual Meeting, Salt Lake City, UT. (October 2013)
39. Li, X., Vogt, F.G., Hayes, D. Jr, and **Mansour, H.M.** *Physicochemical Characterization and Aerosol Dispersion Performance of Organic Solution Advanced Co-Spray Dried Multifunctional Microparticulate/Nanoparticulate Antimicrobial Aerosol Formulations for Targeted Pulmonary Delivery as Dry Powder Inhalers for the Treatment of Cystic Fibrosis.* 2013 American Association of Pharmaceutical Scientists (AAPS) Annual Meeting & Exhibition, San Antonio, TX. (November 2013)
40. Stocke, N., Arnold, S., **Mansour, H.M.**, and Hilt, J.Z. *Inhalable Magnetic Nanocomposite Microparticles (MnMs) Dry Powders for Targeted Pulmonary Delivery.* 2014 Society for Biomaterials (SFB) Annual Meeting & Exhibition, Denver, CO. (April 2014) Poster 422. [\[link\]](#)
41. Stocke, N., Arnold, S., **Mansour, H.M.**, and Hilt, J.Z. *Inhalable Nanocomposites for Targeted Pulmonary Delivery and Applications in Lung Cancer Therapy.* 2014 Globalization of Pharmaceuticals Education Network (GPEN) Annual Meeting, Helsinki, Finland, Europe. (September 2014). **1st Place-Best Poster Presentation Award** [\[link\]](#)
42. Hayes, D. Jr, Tobias, J.D., **Mansour, H.M.**, Kirkby, S., McCoy, K.S., Galantowicz, M., and Whitson, B.A. *Pulmonary Hypertension in Cystic Fibrosis in Relation to Other Lung Diseases Prior to Lung Transplantation.* Pediatric Pulmonology Journal (2014) 49 (S38): 374-375. (Impact Factor: 2.297)
(poster presentation 437 at the 2014 North American Cystic Fibrosis Conference (NACFC) Annual Meeting, Atlanta, GA. (October 2014)
43. Hayes, D. Jr, Whitson, B.A., Tobias, J.D., Kirkby, S., Kopp, B.T., **Mansour, H.M.**, and McCoy, K.S. *Influence of Diabetes on Survival in Cystic Fibrosis Before and After Lung Transplantation.* Pediatric Pulmonology Journal (2014) 49 (S38): 425. (Impact Factor: 2.297)

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(poster presentation 567 at the 2014 North American Cystic Fibrosis Conference (NACFC) Annual Meeting, Atlanta, GA. (October 2014)

44. Hayes, D. Jr, Whitson, B.A., Black, S.M., **Mansour, H.M.**, Tobias, J.D., Nicol, K.K., Yates, A.R., Preston, T.J., and Palmer, A.F. *Influence of Transfusion on Survival in Lung Transplantation*. 2015 American Thoracic Society (ATS) International Conference, Denver, CO. (May 2015). American Journal of Respiratory & Critical Care Medicine (2015) 191: A2237. [Impact Factor: 13.118]
45. Hayes, D. Jr, Black, S.M., Kirkby S, Kopp B, Tobias, J.D., **Mansour, H.M.**, and Whitson, B.A. *Survival in Advanced CF and Non-CF Bronchiectasis*. 2015 American Thoracic Society (ATS) International Conference, Denver, CO. (May 2015). American Journal of Respiratory & Critical Care Medicine (2015) 191: A2447. [Impact Factor: 13.118]
46. **Mansour, H.M.** *Multifunctional Nanotechnology in Lung Surfactant-Mimic Inhalation Aerosols as High-Performing Dry Powder Inhalers for Targeted Pulmonary Medicine*. 2015 American Thoracic Society (ATS) International Conference/ISAM joint conference, Denver, CO. (May 2015). American Journal of Respiratory & Critical Care Medicine (2015) 191: A5030. [Impact Factor: 13.118]
47. **Mansour, H.M.** and Hayes, D. Jr. *Translating Lung Surfactant Biophysics, Nanotechnology, and Nrf2 Pathway to Advanced Dry Powder Inhalation Medicine*. 2015 Gordon Research Conference on Lung Biology, Injury, and Repair: Translating Lung Biology to Respiratory Medicine. NH. (August 2015)
48. Gomez, A. I., Acosta, M.F., and **Mansour, H.M.** *Advanced Spray Dried Proliposomes as Dry Powder Inhaler: An Advanced Drug Delivery System for Pulmonary Administration*. The UA UROC Research Conference, The UA Graduate College, Tucson, AZ. (August 2015).
49. Muralidharan, P., Hayes, D. Jr., and **Mansour, H.M.** *Physicochemical Characterization and Aerosol Dispersion Performance of Microparticulate/Nanoparticulate Inhalable Powders of a Novel Nrf2 Activator for COPD Treatment*. AAPS Annual Meeting & Exhibition, Orlando, FL. (October 2015). Poster R6034. Travel grant award recipient by The UA Graduate and Professional Student Council.
50. Gomez, A. I., Acosta, M.F., and **Mansour, H.M.** *Advanced Spray Dried Proliposomes as Dry Powder Inhaler: An Advanced Drug Delivery System for Pulmonary Administration*. NSF LSAMP National Research Symposium, Baltimore, MD. (February 2016). NSF full travel grant award recipient.
51. Muralidharan, P., Hayes, D. Jr., Black, S.M., and **Mansour, H.M.** *Novel Dry Powder Inhaler containing the Nrf2 Activator Dimethyl Fumarate – Particle Engineering Design, Development and In Vitro Aerosol Dispersion Performance*. 43th Annual Controlled Release Society (CRS) Meeting & Exhibition 2016, Seattle, Washington (July 2016).
52. Grijalva, C.L, Pina, A., Acosta, M.F., Gomez, A.I., Muralidharan, P., Hayes, D. Jr., Black, S.M., and **Mansour, H.M.** *Comparison of the In Vitro Aerosol Dispersion Performance of a Nrf2 Activator Using Two Different Human Dry Powder Inhaler Devices*. UA UROC STAR Research Conference & Colloquium, The UA Graduate College, Tucson, AZ. (August 2016). Poster Presentation by UROC STAR Student Research Fellow, Carissa Grijalva.
53. Pina, A., Grijalva, C.L, Acosta, M.F., Gomez, A.I., Muralidharan, P., Hayes, D. Jr., Yuan, J. X.-L., Black, S.M., and **Mansour, H.M.** *Improvement of In Vitro Aerosol Dispersion Performance by Using Mannitol as Part of a Dry Powder Inhaler Formulation*. NIH BUILD Scholars Research Conference & Colloquium, The UA Graduate College, Tucson, AZ. (August 2016). Poster Presentation by NIH Student Research Fellow, Alejandra Pina.
54. Pina, A., Grijalva, C.L, Acosta, M.F., Gomez, A.I., Muralidharan, P., Hayes, D. Jr., Yuan, J. X.-L., Black, S.M., and **Mansour, H.M.** *Improvement of In Vitro Aerosol Dispersion Performance by Using Mannitol as Part of a Dry Powder Inhaler Formulation*. NIH BUILD Scholars Symposium, The Univ of Texas-El Paso, El Paso, TX. (September 2016). Poster Presentation by NIH Student Research Fellow, Alejandra Pina.

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55. Grijalva, C.L, Pina, A., Acosta, M.F., Gomez, A.I., Muralidharan, P., Hayes, D. Jr., Black, S.M., and **Mansour, H.M.** *Comparison of the In Vitro Aerosol Dispersion Performance of a Nrf2 Activator Using Two Different Human Dry Powder Inhaler Devices.* 17th National Role Models Conference, Washington, DC. Sept. 30-Oct. 2, 2016. Oral Presentation by NSF Student Research Fellow, Carissa Grijalva.
-Invited Research Presentation (oral)
- NSF WAESO Research Travel Award
-3rd Place Award Best Student Research Oral Presentation
56. Hayes, Jr., D., Tumin, D., Kirkby, S.E., **Mansour, H.M.**, Tobias, J.D., and Kopp, B.T. Transplant Center Cystic Fibrosis-Specific Expertise and Outcome of Lung Transplantation. Pediatric Pulmonology Journal (2016) 51 (S45): 378. [Impact Factor: 2.85]
(poster presentation 485 at the 2016 North American Cystic Fibrosis Conference (NACFC) Annual Meeting, Orlando, FL. (October 2016)
57. Grijalva, C.L, Pina, A., Acosta, M.F., Gomez, A.I., Muralidharan, P., Hayes, D. Jr., Black, S.M., and **Mansour, H.M.** *Comparison of the In Vitro Aerosol Dispersion Performance of a Nrf2 Activator Using Two Different Human Dry Powder Inhaler Devices.* Society of Hispanic Professional Engineers (SHPE) Conference, Seattle, WA. (November 2016)
- Best Paper Oral Presentation Student Award
58. Acosta, M.F., Gomez, A.I., Hayes, D. Jr, and **Mansour, H.M.** *Advanced Spray-Dried Inhalable Proliposomes of Amphotericin B for the Treatment of Fungal Infections.* AAPS Annual Meeting & Exhibition, Denver, CO. (November 2016). Digital Poster Presentation. Travel grant award recipient by The UA Graduate and Professional Student Council.
59. Acosta, M.F., Hayes, D. Jr, Fineman, J. R., Black, S. M., and **Mansour, H.M.** *Design, Physicochemical Characterization and Aerosol Dispersion Performance of Simvastatin and L-Carnitine Microparticles/Nanoparticles for the Treatment of Pulmonary Hypertension.* AAPS Annual Meeting & Exhibition, Denver, CO. (November 2016). Digital Poster Presentation. Travel grant award recipient by The UA Graduate and Professional Student Council.
60. Malapit, M., Mallory, E., Muralidharan, P., and **Mansour, H.M.** *In Vitro Aerodynamic Analysis of Co-Spray Dried Fluticasone Propionate (FP) and Salmeterol Xinofoate (SX) with Lactose Alternative Excipient.* ASHP Midyear Clinical Meeting & Exhibition, Las Vegas, NV. (December 2016). Poster Presentation.
61. Malapit, M., Mallory, E.K., Muralidharan, P., Phan, H., Hayes, D. Jr. and **Mansour, H.M.** *In Vitro Aerodynamic Analysis of Co-Spray Dried Fluticasone Propionate (FP) and Salmeterol Xinofoate (SX) Dry Powder Inhalation Aerosols with Lactose-Alternative Excipient.* American Thoracic Society (ATS) 2017 International Conference & Exhibition, Washington, D.C. (May 2017). Thematic Poster Session: C73. New Mechanisms and Therapies in COPD & ATS/ISAM Joint Conference Session. American Journal of Respiratory & Critical Care Medicine (2017);195:A6271. [Impact Factor: 13.118]
62. Hecker, L., Gokhale, V., Knox, K.S., **Mansour, H.M.**, and Garcia, Joe "Skip" G.N. *Identification of Selective And Effective Small-Molecule Inhibitors Targeting Nox4.* American Thoracic Society (ATS) 2017 International Conference & Exhibition, Washington, D.C. (May 2017). Thematic Poster Session: C78. Fibrosis: Mediators and Modulators. American Journal of Respiratory & Critical Care Medicine (2017);195:A6421. [Impact Factor: 13.118]
63. Malapit, M., Mallory, E.K., Muralidharan, P., Phan, H., Hayes, D. Jr. and **Mansour, H.M.** *In Vitro Aerodynamic Analysis of Co-Spray Dried Fluticasone Propionate (FP) and Salmeterol Xinofoate (SX) Dry Powder Inhalation Aerosols with Lactose-Alternative Excipient.* UA COP Senior Project Research Day, Tucson, AZ. (May 2017). Poster Presentation.
64. Acosta, M.F., Hayes, D. Jr, Fineman, J. R., Black, S. M., and **Mansour, H.M.** *Improvement of the In Vitro Aerosol Dispersion Performance of Simvastatin by Co-Spray Drying with D-Mannitol for the Treatment of*

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Pulmonary Hypertension. ISAM 2017 World Congress of the International Society for Aerosols in Medicine, Santa Fe, NM. (June 2017). Poster Presentation & Selected for Invited Oral Presentation. Abstract 203. Journal of Aerosol Medicine and Pulmonary Drug Delivery (2017) 30 (3): A-12.

65. Muralidharan, P., Hayes, D. Jr., Yuan, J. X.-L., Black, S.M., and **Mansour, H.M.** *Comparison of In Vitro Aerosol Dispersion Performance using Different Dry Powder Inhaler Devices. ISAM 2017 World Congress of the International Society for Aerosols in Medicine, Santa Fe, NM. (June 2017). Poster Presentation. Abstract 257. Journal of Aerosol Medicine and Pulmonary Drug Delivery (2017) 30 (3):A-33.*
66. Muralidharan, P., Grijalva, C., Pina, A., Hayes, D. Jr., Yuan, J. X.-L., Black, S.M., and **Mansour, H.M.** *Dry Powder Inhaler Device Influence on Aerosol Dispersion of Co-Spray Dried Nrf2 Activator Drug with D-Mannitol. 44th Annual Controlled Release Society (CRS) Annual Meeting & Exhibition, Boston, MA. (July 2017). Poster Presentation.*
67. Muralidharan, P., Malapit, M., Mallory, E.K., Phan, H., Hayes, D. Jr. and **Mansour, H.M.** *Solid State Characterization of Carrier-Free Formulation of Fluticasone Propionate and Salmeterol Xinafoate Dry Powder Inhaler. 44th Annual Controlled Release Society (CRS) Annual Meeting & Exhibition, Boston, MA. (July 2017). Poster Presentation.*
68. Acosta, M.F., Hayes, D. Jr, Fineman, J. R., Black, S. M., and **Mansour, H.M.** *Dry Powder Inhalers of a Uniform Drug Composition of Simvastatin and L-Carnitine for the Treatment of Pulmonary Hypertension. 44th Annual Controlled Release Society (CRS) Annual Meeting & Exhibition, Boston, MA. (July 2017). Poster Presentation.*
69. Acosta, M.F., Gomez, A.I., Hayes, D. Jr, and **Mansour, H.M.** *Solid State Liposomes of Amphotericin B for the Targeted Treatment of Pulmonary Fungal Infections. 44th Annual Controlled Release Society (CRS) Annual Meeting & Exhibition, Boston, MA. (July 2017). Poster Presentation.*
70. Sears, S., Acosta, M.F., Tang, H., Klinger, C., Yuan, J.X.J., **Mansour, H.M.**, and Black, S.M. *Inhaled L-Carnitine Attenuates the Development of Pulmonary Arterial Hypertension in Rats. American Thoracic Society (ATS) 2018 International Conference & Exhibition, San Diego, CA (May 2018). Poster Session: B59 Shoot the Curl: Splashing into Mechanisms of Endothelial Cell Function and Vascular Remodeling in PH. Poster Presentation. American Journal of Respiratory & Critical Care Medicine (2018):197:A3743. [Impact Factor: 17.452]*
71. Acosta, M.F., Hayes, D. Jr., Fineman, J.R., Black, S.M., and **Mansour, H.M.** *Targeted Delivery of Simvastatin as Dry Powder Inhaler for the Treatment of Pulmonary Hypertension. 45th Annual Controlled Release Society (CRS) International Annual Meeting & Exhibition, New York City, NY (July 2018). Poster Presentation.*
72. Romero M, Kim Y.J, Muralidharan P, Acosta, M.F., and **Mansour H.M.** *In Vitro Evaluation of Metformin Hydrochloride Dose-response on Transdermal, Nasal, and Buccal Human Cell Lines. NIH BUILD Scholars & UROC-Minority Health Disparities (MHD) Research Symposium, The UA Graduate College, Tucson, AZ (August 2018). Oral and Poster Presentations.*
73. Encinas-Basurto, D., Acosta, M.F., Black, S.M, and **Mansour, H.M.** *Co-Spray Drying of Simvastatin and L-Carnitine HCl as a New Formulation for Pulmonary Hypertension Treatment. UA Global, Office of Diversity & Inclusivity: A Learning Research Experience, Graduate Nanotechnology Research Symposium, Tucson, AZ (August 2018). Oral and Poster Presentations.*
74. Muralidharan, P., Vallorz, E., Islam, S., Kraft, M., Black, S.M., Ledford, J.G., and **Mansour, H.M.** *Particle Engineering of Surfactant Protein A (SPA) Peptide as a Novel Dry Powder Inhaler. Discover BIO5 Research to Innovation Showcase Research Symposium, Tucson, AZ (April 2019). Poster Presentation.*

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75. Miller, A.J., Smith, R.T., Woods, N.M., Vallorz, E., **Mansour, H.M.**, and Myrdal, P. *Project Mexico: A Cross-Border Analysis of Medication Content*. Senior Research Project Symposium, The UA COP, Tucson, AZ (May 2019). Poster Presentation.
76. Bansback, K. and **Mansour H.M.** *Molecular Modeling of Drugs for Prediction of Their Physical, Chemical, and Biological Properties*. The Honors College Research Symposium, The UA Honors College, Tucson, AZ (May 2019). Oral and Poster Presentations.
77. Zhang, L., Liu, F., Lau, A., Acosta, M.F., Schnellmann, R.G., **Mansour, H.M.**, and Kirkwood, K. *Topical Suramin Diminishes Radiation-induced Oral Mucositis*. International Association for Dental Research (IADR) Annual Meeting & Exhibition. Vancouver, British Columbia, Canada (June 2019). Poster Presentation.
78. Alabsi, W., Apostol, C., Hanrahan, D., Jaynes, T., Marciniak, A., Szabò, L., Polt, R., and **Mansour, H.M.** *Glycopeptides as Drug Candidates for Brain Delivery and as Dry Powder Inhaler for Intranasal Delivery to Bypass the Blood Brain Barrier (BBB)*. American Association of Pharmaceutical Scientists (AAPS) Rocky Mountain Discussion Group 2019 Annual Meeting: Exploring Biological and Mechanistic Diversity in Pharmaceutical Discovery and Development, Hillsboro, OR (July 2019). Oral and Poster Presentations.
79. Cota Valenzuela, B., Encinas-Basurto, D., Bautista, C., Vallorz, E., Blohm-Mangone, K., Schnellmann, R.G., and **Mansour H.M.** *Design of PLGA Nanoparticles and Comparison of Their Properties for Effective Drug Delivery*. UAHS BLAISER Program & UROC-Minority Health Disparities (MHD) Research Symposium, The UAHS and UA Graduate College, Tucson, AZ (August 2019). Oral and Poster Presentations.
80. Bautista, C., Encinas-Basurto, D., Cota Valenzuela, B., Vallorz, E., Blohm-Mangone, K., Schnellmann, R.G., and **Mansour H.M.** *Synthesis and Physicochemical Analysis of PLGA-based Nanoparticles for Drug Delivery*. NIH BUILD Scholars & UROC-Minority Health Disparities (MHD) Research Symposium, The UA Graduate College, Tucson, AZ (August 2019). Oral and Poster Presentations.
81. Bautista, C., Encinas-Basurto, D., Cota Valenzuela, B., Vallorz, E., Blohm-Mangone, K., Schnellmann, R.G., and **Mansour H.M.** *Synthesis and Physicochemical Analysis of PLGA-based Nanoparticles for Drug Delivery*. 4th Annual NIH BUILD Scholars Research Symposium, The University of Texas-El Paso, El Paso, TX (September 2019). Oral and Poster Presentations.
82. Bautista, C., Encinas-Basurto, D., Cota Valenzuela, B., Vallorz, E., Blohm-Mangone, K., Schnellmann, R.G., and **Mansour H.M.** *Synthesis and Physicochemical Analysis of PLGA-based Nanoparticles for Drug Delivery*. 2019 Annual Biomedical Research Conference for Minority Students (ABRCMS), Anaheim, CA (November 2019). Poster Presentation.
83. Abrahamson, M., Acosta, M.F., Black, S.M, and **Mansour, H.M.** *In Vitro Aerosol Dispersion Performance of Dry Powder Inhalable Particles of Metformin Using Different FDA-Approved Human Dry Powder Inhaler Devices*. ASHP Midyear Clinical Meeting & Exhibition, Las Vegas, NV (December 2019). Poster Presentation.
84. Alabsi, W., Polt, R., and **Mansour, H.M.** *Physicochemical Characterization of Peptides and Glycopeptides Dry Powders for Intranasal (IN) Delivery to Bypass the Blood Brain Barrier (BBB) and Target the Brain*. Women in Data Science-Tucson's Virtual Conference. The UA, Tucson, AZ (April 2020). Poster Presentation.
85. Robida, O., Ruiz, V., and **Mansour H.M.** *Predictive Modeling of Physicochemical and Pharmacokinetic Properties of Drugs*. The Honors College Research Symposium, The UA Honors College, Tucson, AZ (May 2020). Oral and Poster Presentations.
86. Abrahamson, M., Acosta, M.F., Black, S.M, and **Mansour, H.M.** *In Vitro Aerosol Dispersion Performance of Dry Powder Inhalable Particles of Metformin Using Different FDA-Approved Human Dry Powder Inhaler*

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Devices. Senior Research Project Symposium, The UA COP, Tucson, AZ (May 2020). Digital Poster Presentation.

87. Alabsi, W., Polt, R., and **Mansour, H.M.** *Physicochemical Characterization of Organic Solution Advanced Spray-dried Microparticulate/nanoparticulate Dry Powder Of Lactomorphin (MMP-2200) For Intranasal Delivery To Target The Brain By Bypassing The Blood-brain Barrier For Pain Relief*, 2020 Controlled Release Society (CRS) International Annual Meeting, Exposition, & Virtual Conference, Las Vegas, NV (July 2020). Oral Presentation.
88. Encinas-Basurto, D., Black, S.M, and **Mansour, H.M.** *Advanced Co-Spray Dried Proliposomes for Targeted Pulmonary Delivery as Inhalation Aerosols in Pulmonary Hypertension*. 2020 Controlled Release Society (CRS) International Annual Meeting, Exposition, & Virtual Conference, Las Vegas, NV (July 2020). Oral Presentation.
89. Fazel, M.T., **Mansour, H.M.**, Benjamin, A.V., Cooley, J.H., and Cameron, C. *Implementing a Culture of Professional Identify Formation Through Intentional Career Pathways Reflection and Aligned Mentorship*. AACP Annual Meeting Virtual Pharmacy Education 2020, (July 2020). Poster Presentation.
90. Rendon, J., Ruiz, V., and **Mansour, H.M.** *Predicting Chemical, Physical, and Pharmacokinetic Properties of Drugs that Treat Insomnia using Molecular Modeling*. UAHS BLAISER Program Research Symposium, The UAHS, Tucson, AZ (August 2020). Oral and Poster Presentations.
91. Hoyer-Kimura, C., Konhilas, J., **Mansour, H.M.**, Polt, R., Bartlett, M., Falk, T., Ossanna, N., Doyle, K, and Hay, M. *Novel Therapeutic and Inflammatory Biomarkers for Vascular Contributions to Cognitive Impairment and Dementia*. AD/PD 2021 15th International Conference on Alzheimer's and Parkinson's Diseases Virtual Conference (March 2021). Poster Presentation.
92. Ruiz, V., Encinas-Basurto, D., Ortega-Alarcon, N., Black, S.M, and **Mansour, H.M.** *Advanced Spray Dried Proliposomes of Fasudil Monohydrochloride Microparticles and Nanoparticles as Dry Powder Inhalers Using Surfactant Mimic-Phospholipids for Treatment of Pulmonary Arterial Hypertension (PAH)*. Senior Research Project Symposium, The UA COP, Tucson, AZ (May 2021). Digital Poster Presentation.
93. Collins, K., Younis, U.S., Hay, M., **Mansour, H.M.**, and Ledford, J.G. *Angiotensin (Ang-1-7) and Its Glycopeptide PNA5 Protect Against Overzealous Pulmonary Inflammation to Infectious and Non-Infectious Respiratory Insults*. American Thoracic Society (ATS) 2021 Annual International Conference & Exhibition (May 2021). Thematic Poster Session: TP113 ACUTE LUNG INJURY AND REPAIR, A4364-A4364. Am J Respir Crit Care Med (2021): 203:A4364 Oral Digital Poster Presentation.
94. Hoyer-Kimura, C., Konhilas, J., **Mansour, H.M.**, Polt, R., and Hay, M. *Angiotensin-(1-7)/Mas Receptor Agonist Protects Hippocampus Neurons in Mouse Model of Vascular Dementia*. American Heart Association (AHA) Scientific Sessions Poster Presentation. Circulation (2021): Nov 16: A11926-A11926.
95. Encinas-Basurto, D., McCombs, K., Vallorz, E.L., and **Mansour, H.M.** [Targeting Deep Lungs with Swellable Nano/Microgels for the Delivery of Suramin](#). 2021 Drug Delivery to the Lungs (DDL) International Conference (December 2021) Oral Presentation
96. Mikhail, A., Ruiz, V.H., Encinas, D., and **Mansour, H.M.** *In Silico Molecular Modeling of Nicotine and In Vitro Human Pulmonary Cell Culture*. Senior Research Project Symposium, The UA COP, Tucson, AZ (May 2022). Digital Virtual Poster Presentation.
97. Perez, A., Matthews, G., Ruiz, V.H., Eedara, B.B. Encinas, D., and **Mansour, H.M.** *A Comparative Analysis of the Measured Thermodynamic Properties of Azithromycin, Bacitracin and Levofloxacin with In Silico Methods*. Senior Research Project Symposium, The UA COP, Tucson, AZ (May 2022). Digital Virtual Poster Presentation.

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98. Manasse, J., Patino, K., Manivannan, B., Eedara, B.B., and **Mansour, H.M.** *Nanomedicine Polymer Excipients Characterized Using Hot-Stage and Raman Microscopy.* FIU CTS Tradition HighSchool Summer Internship Research Program Poster Day, FIU CTS, Port St. Lucie, FL (July 2022). In-Person Poster Presentation.
99. Patino, K., Manasse, J., Manivannan, B., Eedara, B.B., and **Mansour, H.M.** *Characterization of D-Mannitol and Trehalose Dihydrate in Drug Delivery Systems.* FIU CTS Tradition HighSchool Summer Internship Research Program Poster Day, FIU CTS, Port St. Lucie, FL (July 2022). In-Person Poster Presentation.
100. Eedara, B.B., Alabsi, W., Fineman, J.R., Black, S.M., and **Mansour, H.M.** *Design, Physicochemical Characterization, and In Vitro Aerosol Dispersion Performance of Co-Spray Dried L-Carnitine:L-Leucine Powders for Targeted Pulmonary Inhalation Delivery.* 2nd Annual South Florida Translation Research Symposium, FIU CTS & Cleveland Clinic, Port St. Lucie, FL (March 2023). In-Person Poster Presentation.
101. Manivannan, B., Eedara, B.B., Curiel-Lewandrowski, C., Zhang, T., Bode, A.M., and **Mansour, H.M.** *HI-TOPK-032, a Skin Cancer Therapeutic: Physicochemical Characterization and In Vitro Cell Viability using HaCat Human Skin Cells.* 2nd Annual South Florida Translation Research Symposium, FIU CTS & Cleveland Clinic, Port St. Lucie, FL (March 2023). In-Person Poster Presentation.
102. Lora, A.J., Eedara, B.B., Manivannan, B., Hayes, D. Jr., Fineman, J.R., Black, S.M., and **Mansour, H.M.** *Comprehensive Characterization of Raw Simvastatin and Fasudil as Therapeutics in Targeted Pulmonary Drug Delivery for Pulmonary Hypertension.* 2nd Annual South Florida Translation Research Symposium, FIU CTS & Cleveland Clinic, Port St. Lucie, FL (March 2023). In-Person Poster Presentation.
103. Lora, A.J., Eedara, B.B., Manivannan, B., Hayes, D. Jr., Fineman, J.R., Black, S.M., and **Mansour, H.M.** *Comprehensive Characterization of Raw Simvastatin and Fasudil as Therapeutics in Targeted Pulmonary Drug Delivery for Pulmonary Hypertension.* Life Sciences South Florida 10th Annual LSSF STEM Undergraduate Research Symposium, Fort Myers, FL (April 15, 2023). In-Person Poster Presentation.
104. Paula, A., Patino, K., Lora, A., Donow, H., Eedara, B.B., and **Mansour, H.M.** *Design, Physicochemical Characterization, and In Vitro Aerosol Dispersion Performance of Co-Spray Dried Celecoxib:L-Leucine Powder for Targeted Pulmonary Inhalation Delivery.* FIU CTS Tradition HighSchool Summer Internship Research Program Poster Day, FIU CTS, Port St. Lucie, FL (July 2023). In-Person Poster Presentation.
105. Patino, K., Paula, A., Lora, A., Donow, H., Eedara, B.B., and **Mansour, H.M.** *The Influence of Surface Active L-Leucine and Pluronic F127 in the Improvement of Aerosolization of Celecoxib Co-Spray Dried Powders.* FIU CTS Tradition HighSchool Summer Internship Research Program Poster Day, FIU CTS, Port St. Lucie, FL (July 2023). In-Person Poster Presentation.
106. Shafi, H., Lora, A.J., Infanger, D., Lawrence, B., and **Mansour, H.M.** *Comprehensive Physicochemical Characterization and In Vitro Cell Viability on Human Cells of an Innovative Biocompatible and Biodegradable Silk-Derived Protein, SDP-4.* 3rd Annual South Florida Translation Research Symposium, FIU CTS, Port St. Lucie, FL (April 2024). In-Person Poster Presentation.

International & National Invited Speaker Presentations:

1. American Oil Chemist's Society (AOCS) Annual Meeting & Exhibition, Phoenix, AZ 2010
Symposium on Phospholipids: "Lipids in Nanotechnology II" [\[link\]](#)
Speaker Presentation: "Designed Phospholipid Self-Assemblies in Drug Delivery and Nanomedicine".
6. American Oil Chemist's Society (AOCS) Annual Meeting & Exhibition, Cincinnati, OH 2011
Symposium on "Phospholipids in Pharma and Cosmetics Applications"-Keynote Speaker
Speaker Presentation: "Phospholipid Nanopharmaceuticals in Advanced Drug Delivery". [\[link\]](#)
7. 13th International Workshop on Physical Characterization of Pharmaceutical Solids (IWPCPS) 2011
Indianapolis, IN.

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Symposium on "Solid-State Transformation During Formulations and Processing "

Speaker Presentation: "*Water Vapor-Solid Interactions and Effects on Solid-State Phase Transitions in Engineered Microparticulate/Nanoparticulate Pharmaceutical Powders*". [\[link\]](#)

8. 13th International Workshop on Physical Characterization of Pharmaceutical Solids (IWPCPS) 2011
Indianapolis, IN.
Symposium on "*Imaging of Drugs and Dosage Forms to Better Understand Dissolution*"
Speaker Presentation: "*Imaging Techniques for Designed Microparticulate/Nanoparticulate Pharmaceutical Powders*". [\[link\]](#)
9. American Chemical Society (ACS) 242nd Annual Meeting & Exhibition, Denver, CO. 2011
-Division of Colloid & Surface Chemistry
-Symposium on Nanomedicine
- Session Presider & Invited Symposium Speaker Presentation: "*Rational Design, Development, and Optimization of Nanopharmaceuticals for Targeted Drug Delivery in Nanomedicine-An Interfacial and Colloidal Science Approach.*"
10. 4th Annual AAPS Nanotechnology & Nanomedicine Symposium, Louisville, KY 2011
-Invited Speaker Presentation: "*Advanced Spray-Dried Vancomycin Hydrochloride and Clarithromycin Lipospheres for Targeted Pulmonary Inhalation Aerosol Delivery*"
11. Pfizer, Inc., Worldwide Research & Development, Global Headquarters, Groton, CT 2011
-Invited Speaker Presentation: "*Engineering Particles by Advanced Spray Drying for Drug Delivery*"
12. Center for Pulmonary Research, Children's Hospital Research Institute, 2012
The Ohio State University, Columbus, OH
-Invited Guest Speaker in the Translational Pulmonary Research Seminar Series
-Presentation Title: "*Advances in Targeted Lung Nanomedicine as Inhalable Multifunctional Microparticles & Nanoparticles for Pulmonary Disease Treatment and Prevention.*"
13. International Conference & Exhibition on Nanotechnology & Nanomedicine. Omaha, NE. 2012
-Invited Speaker Presentation Title: "*Advances in Targeted Lung Nanomedicine as Inhalable Multifunctional Microparticles & Nanoparticles for Pulmonary Disease Treatment and Prevention.*"
14. Transcept Pharmaceuticals 2012
-Invited Webinar Speaker
- Presentation Title: "*Fundamental and Applied Aspects of Sustained Release Injectable Depot Delivery*"
15. Lovelace Respiratory Research Institute (LRRI). Albuquerque, NM. 2012
-Invited Guest Speaker in the LRRI & CNTC Seminar Series
-Presentation Title: "*Advances in Targeted Lung Nanomedicine as Aerosolized Multifunctional Microparticles and Nanoparticles for Pulmonary Disease Treatment and Prevention*" [\[link\]](#)
16. Controlled Release Society (CRS) 39th Annual Meeting & Exhibition. Quebec City, CA. 2012
-Invited Speaker
-CRS Workshop: "*Mucosal Drug and Gene Delivery: Barriers and Opportunities*"
-Presentation Title: "*Pulmonary Drug Delivery*" [\[link\]](#)
17. 1st International Symposium on Nanomedicine in Drug Delivery and Cancer Diagnosis. 2012
University of Delaware, College of Health Sciences, Newark, DE.
-Organizing Committee Member [\[link\]](#)
-Session Chair Presider of the "*Nano Drug Delivery*" Session [\[link\]](#)
-Invited Symposium Speaker Presentation Title in the "*Nanomedicine*" Session:
"*Advances in Targeted Lung Nanomedicine as Multifunctional Microparticles & Nanoparticles for Targeted Pulmonary Delivery.*" [\[link\]](#)

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18. Invited Speaker-Research Seminar Series Speaker. Detroit, MI 2012
Wayne State University College of Pharmacy, Department of Pharmaceutical Sciences [\[link\]](#)
19. 2012 North American Cystic Fibrosis Conference (NACFC) Annual Meeting, Orlando, FL 2012
-Invited Aerosol Symposium: "*Aerosol Treatments in CF: Clearing the Fog.*"
-Presentation Title: "*Aerosol Formulation Issues*" [\[link\]](#)
20. 19th World Congress of the International Society of Aerosols in Medicine (ISAM), Chapel Hill, NC 2013
-Invited Speaker
-ISAM World Congress Workshop: "*Nanomedicine & Nanotoxicology: Inhaling nanoparticles by accident and on purpose - challenges and opportunities for toxicology and therapeutics*"
-Presentation Title: "*Nanotechnology in Dry Powder Inhalation Aerosol Formulations*" [\[link\]](#)
21. AAPS/USP/FDA/IPAC Workshop on Inhaled Drug Products 2013
-United States Pharmacopeia (USP), Rockville, MD.
-"*Current Practices and the Future of In Vitro Testing Technologies and Regulation*"
-Invited Speaker
-Presentation Title: "*Solid-State Characterization and Nanotechnology in Dry Powder Inhalation Aerosol Formulation Development*" [\[link\]](#)
22. Association of Inhalation Toxicologists (AIT) Annual Conference, Hannover, Germany 2013
-Invited Speaker
-Session: "*Nanomaterials*"
-Presentation Title: "*Nanomaterials as an Aerosol Formulation Carrier in Inhalation Aerosol Nanomedicine*"
23. American Chemical Society (ACS) 249th Annual Meeting & Exhibition. Denver, CO. 2015
-Division of Colloid & Surface Chemistry
-Symposium: "*Advances in Formulations Science & Technology*"
-Invited Symposium Speaker Presentation: "*Advances in Targeted Multifunctional Inhalation Aerosols with Nanotechnology and Solid-State Particle Engineering Design*"
24. Gordon Research Conference on Lung Biology, Injury, and Repair: Translating Lung Biology 2015
to Respiratory Medicine. NH.
-Invited Presentation: "*Translating Lung Surfactant Biophysics, Nanotechnology, and Nrf2 Pathway to Advanced Dry Powder Inhalation Medicine.*"
25. American Chemical Society (ACS) 90th Colloid & Surface Science Symposium at Harvard Univ. 2016
Cambridge, MA.
-Division of Colloid & Surface Chemistry
-Session: "*Nanomaterials for Biomedicine*"
-Invited Symposium Speaker Presentation: "*Advances in biomimetic nanomaterials for multifunctional inhalation aerosols in pulmonary biomedicine*"
26. Controlled Release Society Annual Meeting, Seattle, WA 2016
- Co-Chair, Scientific Symposium: "*New Processes, New Materials, and New Products Symposium*"
27. ISAM Aerosol School Faculty, Hamilton, Ontario, Canada [\[link\]](#) 2016
-Firestone Institute for Respiratory Health & McMaster University
-Invited Faculty Presentation
28. 10th International Conference Neonatal & Childhood Pulmonary Vascular Disease [\[link\]](#) [\[link\]](#) 2017
University of California-San Francisco (UCSF), San Francisco, CA
-Co-Chair, Drug Delivery & Nanotechnology Session
-Invited Speaker
29. ISAM [Aerosol School](#), Firestone Institute for Respiratory Health, Hamilton, Ontario, Canada 10/2018

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- Invited Speaker Presentation Title: *"Challenge of 'Nano' of Pulmonary Administration"*
- 30. [Respiratory Innovation Summit \(RIS\)](#), Dallas, TX 05/2019
-Invited Speaker & Expert Panelist
-Invited Speaker Presentation Title: [Where are the Opportunities. Challenges in Airway Disease](#)
- 31. UA-Gulf Medical University International Symposium, Tucson, AZ 06/2021
-Invited Faculty Speaker
-Invited Speaker Presentation Title: *"Innovation in Therapeutic Inhalation Aerosols"*
- 32. [AAPS 2021 PharmSci 360 Annual Meeting & Exhibition](#) 10/2021
-Invited Speaker
-Presentation Title: *"Advances in Inhaled Nanosystem Formulations: Design and Development"*
-Session Title: *"Design Parameters and Novel Devices for Advancements of Inhaled Nanosystems"*
-Session Theme: *"Delivery Systems for Effective Shuttling Across Biological Barriers"*
- 33. American Chemical Society (ACS) Rocky Mountain Regional Meeting (RMRM), Tucson, AZ 10/2021
- Session Chair & Invited Speaker
-Session Title: Peptides Session
-Presentation Title: *"Advances and Innovation in Peptide Drug Delivery"*
- 34. [Florida International University Center for Translational Science](#) Port St. Lucie, FL 11/2021
-Invited Faculty Speaker
-Presentation Title: *"Advances and Innovation in Drug Delivery and Translational Pharmaceutical Sciences"*
- 35. [AAPS Rocky Mountain Discussion Group \(RMDG\) Rocky Mountain Regional 2021 Conference](#) 12/2021
-Keynote Speaker, Tucson, AZ
- Presentation Title: *Advances and Innovation in Respiratory Drug Delivery"*
- 36. University of Utah Dept of Pharmaceutics Seminar Series, Salt Lake City, UT 04/2022
-Invited Speaker
- Presentation Title: *"Advances in Respiratory Drug Delivery"*
- 37. [First South Florida Translational Research Symposium](#), Port St. Lucie, FL 04/2022
FIU Center for Translational Science
-Invited Speaker [\[link\]](#)
- Presentation Title: *"Design and Development of Mas Receptor Peptide Agonists in Cognitive Impairment for Inhalation and Sustained-Release Delivery"*
- 38. Invited Seminar Speaker, Dept of Environmental Health Sciences Seminar Series 10/2022
FIU Robert Stempel College of Public Health & Social Work, Port St. Lucie, FL
-Invited Speaker
-Presentation Title: *"Design and Development of Advanced Inhalation Aerosols and Sustained-Release Peptide Microparticles/Nanoparticles"*
- 39. Distinguished Seminar Speaker, Biomaterials Institute Seminar Series, Syracuse, NY 11/2022
Syracuse University College of Engineering, Dept of Biomedical & Chemical Engineering
-Invited Speaker
-Presentation Title: *"Design and Development of Advanced Inhalation Aerosols"*
- 40. Career Insights Seminar Series, The Ohio State University Research Commons, Columbus, OH 12/2022
-Invited Speaker
-Presentation Title: *"A Journey from Mentee to Mentor, Trainee to PI, and Student to Professor"* [\[Link\]](#)
- 41. FIU College of Medicine & Center for Translational Science Symposium, Port St. Lucie, FL 01/2023
-Invited Speaker

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-Presentation Title: *"Targeted Drug Delivery and Nanomedicine Research"*

42. FIU Center for Translational Science Internal Seminar Series, Port St. Lucie, FL 06/2023
-Seminar Speaker
-Presentation Title: "Advanced Drug Delivery and Nanomedicine"

43. Baptist Health South Florida-FIU Biomedical Research Retreat Day, Miami, FL 05/2024
-Invited Speaker
-Presentation Title: "Drug Delivery"

UA On-Campus Invited Speaker Presentations:

1. Meijo University (Japan) Visiting Pharmacy Students, Graduate Students, and Faculty Member 2014
-Presentation Title: *"Advances in Nanotechnology Research for Targeted Pulmonary Disease Treatment and Prevention"*
2. UA Cancer Center-Collaborative Cancer Grand Rounds Seminar Series 2014
-Invited Speaker
- Presentation Title: *"Nanotechnology and Particle Engineering Design for Targeted Pulmonary Delivery in Lung Cancer"*
-Continuing Medical Education (CME)
3. Meijo University (Japan) Visiting Pharmacy Students, Graduate Students, and Faculty Member 2015
-Presentation Title: *"Nanotechnology in Pharmacy"*
4. UA COP Faculty Retreat, Westin LaPaloma Resort 2015
-Faculty "Who We Are" Spotlight Speaker
5. UA COM, Dept of Medicine-Div. of Translational & Regenerative Medicine 2016
-Dr. Joe G.N. "Skip" Garcia, Senior Vice President for Health Sciences, Research Lab Group Meeting
-Invited Faculty Speaker
6. Osaka University (Japan) Visiting Pharmacy Students, Graduate Students, and Faculty Members 2016
-Presentation Title: *"Nanotechnology Research"*
7. The UA College of Engineering, Chemical and Environmental Engineering Dept 2016
-Invited Seminar Series Faculty Speaker
-Presentation Title: *"Particle Design, Nanotechnology, and Advanced Drug Delivery for Translational Medicine"*
8. The UA Pre-Pharmacy Club 2017
-Invited Seminar Series Faculty Speaker
-Presentation Title: *"My Background and Research Program as a Pharmacist and Faculty Researcher"*
9. Meijo University (Japan) Visiting Pharmacy Students, Graduate Students, and Faculty Member 2017
-Presentation Title: *"Nanotechnology"*
10. Regulatory Science Series 11/2017
University of Arizona Health Sciences and the UA James E. Rogers College of Law
-Host: Dr. Elizabeth Hall-Lipsy
-Presentation Title: *"Nanotechnology and Drug Regulation"*
11. Meijo University (Japan) Visiting Pharmacy Students, Graduate Students, and Faculty Member 02/2018
-UA COP International Program
-Presentation Title: *"Nanotechnology"*
12. BSPS Recruitment "Launching Careers in Healthcare", Admitted Student's Day, UA Admissions 04/2018

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-Presentation Title: *"Drug Delivery"*

13. Women in Engineering (STEM) Seminar, UA Global Initiatives, Office of Diversity & Inclusivity 04/2018
-Hosts: Dr. Nadia Mexica, Ph.D. and Dr. Adrian Arroyo, Ph.D.
-Presentation Title: *"Building a Strong Research Career."*
14. The UAHS Asthma & Airway Disease Research Center (A2DRC) Research Seminar Series 10/2018
-Hosts: Dr. Julie G. Ledford, Ph.D. and Dr. Donata Vercelli, Ph.D.
- Presentation Title: ["Advances and Innovation in Inhalation Aerosols"](#)
15. Regulatory Science Series 11/2018
University of Arizona Health Sciences and the UA James E. Rogers College of Law
-Host: Dr. Elizabeth Hall-Lipsy
-Presentation Title: ["Nanotechnology and Drug Regulation"](#)
16. Meijo University (Japan) Visiting Pharmacy Students, Graduate Students, and Faculty Member 02/2019
-UA COP International Program
-Presentation Title: *"Nanotechnology"*
17. [Discover Pharmacy Open House](#) 10/2019
-Presentation Title: *"Research Opportunities & the PharmD/PhD Dual-Degree Program"*
18. Regulatory Science "Hot Topics" Series 10/2019
University of Arizona Health Sciences and the UA James E. Rogers College of Law
-Host: Dr. Elizabeth Hall-Lipsy
-Presentation Title: ["Nanotech and FDA Approval"](#)
19. [Discover Pharmacy Open House](#) 02/2020
- Presentation Title: *"Research Opportunities & the PharmD/PhD Dual-Degree Program"*
20. [Open House College of Pharmacy Hour Seminar](#) 09/2020
- Presentation Title: *"Research Opportunities & the PharmD/PhD Dual-Degree Program"*
21. [Discover Pharmacy Virtual Open House](#) 10/2020
- Presentation Title: *"Research Opportunities & the PharmD/PhD Dual-Degree Program"*
22. [Discover Pharmacy Virtual Open House](#), UA COP BPS Faculty, Tucson, AZ 03/2021
23. UA Research Innovation & Impact & UA Global, Tucson, AZ 03/2021
-Invited Speaker
-Presentation Title: ["Research and Academic Bridges with Mexico – CONACyT Scholar Opportunities"](#)
24. BPS Student Advisory Board Dual Degree Program Faculty Speaker, Tucson, AZ 03/2021
-Presentation Title: *"Research Opportunities & the PharmD/PhD Dual-Degree Program"*
25. The [UAHS Asthma & Airway Disease Research Center \(A2DRC\) Research Seminar Series](#) 04/2021
-Invited Speaker, Tucson, AZ
- Presentation Title: ["Advances and Innovation in Therapeutic Inhalation Aerosols"](#)

International & National Short-Course Faculty Instructor Presentations:

1. Aerosol School 2-Day Short-Course Instructor & Workshop Creator 2012
NIH-NCI Cancer Nanotechnology Training Center (CNTC), Lexington, KY
Fundamentals and Applications of Aerosol Science and Pulmonary Inhalation Aerosol Delivery
2. Buchi Hands-On Spray Drying Short-Course, Buchi U.S. Headquarters. New Castle, DE. 2012
-Short-Course Instructor

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-Presentation Title: *"Engineering Particles by Advanced Organic Solution Spray Drying for Nanopharmaceuticals and Targeted Pulmonary Inhalation Aerosol Delivery."* [\[link\]](#)

3. Buchi Hands-On Spray Drying Short-Course, Buchi U.S. Headquarters. Newark, DE. 2014
-Short-Course Instructor
-Presentation Title: *"Designing High Performing Microparticulate/Nanoparticulate Dry Powder Inhalers by Organic Solution Advanced Spray Drying."* [\[link\]](#)
4. ISAM Aerosol School, Firestone Institute for Respiratory Health, Hamilton, Ontario, Canada 2016
-Faculty Instructor
-3-Day Short-Course + Lab
- Presentation Title: *"Challenges and Opportunities of 'Nano' in Pulmonary Administration"* [\[link\]](#)
5. ISAM Aerosol School, Firestone Institute for Respiratory Health, Hamilton, Ontario, Canada 2017
-Faculty Instructor
-3-Day Short-Course + Lab
- Presentation Title: *"Challenges and Opportunities of Inhaled Nanoparticles"* [\[link\]](#)
6. ISAM [Aerosol School](#), Firestone Institute for Respiratory Health, Hamilton, Ontario, Canada 10/18
-Faculty Instructor
-3-Day Short-Course + Lab
- Invited Presentation Title: *"Challenge of 'Nano' of Pulmonary Administration"*
7. [PharmCamp 2019](#), The UA-Tucson College of Pharmacy 07/19
- Instructor
-3 Pharmaceutics Lab Experiments Hands-On with the elementary school/middle school children

Webinar Invited Presentations:

1. Inhalation Magazine Invited Annual Webinar Faculty Instructor [\[link\]](#) 2015
-a 2-hour webinar
-Title: *"Inhalation Pharmaceuticals: Device Design and Formulations"*
-300 webinar registrants
2. Educational Webinar with Harvard University School of Public Health, National Jewish Health 2016
-Invited Webinar Faculty Instructor [\[link\]](#) [\[link\]](#)
-a 1-hour webinar with CE credit
-Title: *"Mechanisms & Pharmacology of Inhaled Drug Delivery"*
-960 webinar registrants
3. NIH BUILD Scholars & the Diversity Program Consortium, Univ of Texas-El Paso 08/20
-BUILD (**B**uilding Infrastructure **L**eading to **D**iversity) and the Diversity Program Consortium
-NIH BUILD Scholars Summer Seminar Series Invited Speaker
-Webinar Presentation Title: *"Building a Strong Research Career"*
4. International Webinar Series UA, Columbia, and Mexico, Invited Faculty Speaker 03/21
-International Webinar with attendees from Mexico and Latin Countries
-Title *"Research Mentor"*
-Spanish translation of my live presentation

Webinar Organizer:

1. ATS RSF/DDDD Webinar 1 (Series) Co-Chair & Co-Organizer 04/21
-Title: ["Technology Development: Translating Innovation from Bench to Bedside: Part 1"](#)
2. AACP Pediatric Pharmacy SIG Webinar Moderator & Organizer 05/21
-Title: ["Pediatric Research for Early Career Faculty"](#)

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3. ISAM Congress 2021 Symposium Co-Chair & Co-Organizer 05/21
-Title: "[Scientific Basis for Dissolution Testing of Inhaled Products](#)"
4. ATS RSF/DDDD Webinar 2 (Series) Co-Chair & Co-Organizer 09/21
-Title: "[Technology Development: Translating Innovation from Bench to Bedside: Part 2](#)"
5. ATS RSF/DDDD Webinar 3 (Series) Co-Chair & Co-Organizer 04/22
-Title: "[Technology Development: Translating Innovation from Bench to Bedside: Part 3](#)"

AWARDED GRANTS AND CONTRACTS

Current:

1. NIH SBIR 1R42HL166050-01A1 (CMTx Biotech Inc) Singule (PI) 04/02/24-11/30/24
Project Title: Aerosolized Chemically Modified Tetracycline Nanoformulation for the Treatment of Acute Respiratory Distress Syndrome
Role: **Consortium PI (2% effort)**
2. Cystic Fibrosis Foundation **Mansour (PI)** 04/20/22-04/19/25
Project Title: SpliSense mRNA in CF
Role: **Consultant/Scientific Advisor (1% effort)**
3. NIH NIA U01AG066623 Hay/Konhilas/**Mansour (MPI)** 04/15/20-03/31/24
Project Title: IND Enabling Studies for a Novel Mas Receptor Agonist for Treatment of Cognitive Impairment in Patients at Risk for Alzheimer's Disease Related Dementia
Role: **PI (15% effort)**
Total Award Direct Cost: \$3,727,205 over 4 years (Total Award with IDC: \$ 5,721,260)
4. NIH NCI P01CA229112 Curiel (PD) 09/10/19-08/31/24
Targeted Prevention for Non-Melanoma Skin Cancer
Role: **Core Leader, Core D Drug Development (15% effort)**
Total Award Direct Cost: \$1,174,157 over 5 years (Total Award with IDC: \$1,786,292)
5. American Heart Association Career Development Award grant Chignalia (PI) 07/01/21-06/30/24
Project Title: Role of Glypican-1 in Pulmonary Edema Associated with Acute Heart Failure
Role: **Mentor (0%, faculty salary not allowed)**
6. NIH NCI PREVENT Program Curiel (PI) 05/01/20-4/30/24
Project Title: Topical Resatorvid for Non-Melanoma Skin Cancer (NMSC)
Role: **Drug Development Leader (0%, faculty salary not allowed)**
Total Award: NCI-contracted resources for cGMP drug development & human clinical trials/no money to the university

Completed:

1. SoundPipe Therapeutics, Inc. **Mansour (PI)** 06/30/22-08/29/23
Project Title: Sirolimus-Loaded Microbubbles for Intravascular Delivery
Role: PI (5% effort)
2. Drug Delivery to the Lungs (DDL) United Kingdom Career Grant Award Eedara/Mansour(MPI)
06/30/2022 - 08/29/2023
Project Title: Nanocomposite Dry Powder Particles for Inhalation Delivery of Combination Anti-Cancer Drugs
Role: MPI and Mentor (0%, faculty salary not allowed) to Dr. Basanth Babu Eedara
Total Award Direct Cost (no IDCs allowed): \$5,879.50

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3. Improving Health Technology and Research Initiative Fund (TRIF) Award
RII TRIF Brown/**Mansour** (MPI) 12/10/21-08/31/21
Sponsor: Senior Vice President (SVP) for Research, Office of Research, Innovation, & Innovation (RII)
Project Title: Sample Accessory Upgrade for Fourier Transform Infrared Spectroscopic Analysis in the W.M. Keck Center for Nano-Scale Analysis.
Role: **MPI (0%, faculty salary not allowed)**
Total Award Direct Cost (no IDCs allowed): \$32,800
4. NIH NCI STTR 2R42CA240124 **Mansour**/Marlowe/Sun (MPI) 08/15/21-07/15/24
Project Title: Development of Non-Catalytic Peptide Inhibitors of Focal Adhesion Kinase (FAK) for Use in Melanoma
Role: **Site PI (15% effort)**
Total Award: \$674,537
5. NIH NHLBI 1R01HL137282-01 Black/Fineman/**Mansour** (Contact PI) 04/01/17-02/28/22
Project Title: Perinatal NO Signaling in Congenital Heart Disease
Role: **PI (10% effort)**
Total Award Direct Cost: \$2,102,244 over 4 years (Total Award with IDC: \$2,736,990)
6. NIH NHLBI P01HL103453 Cleveland **Mansour** (Site PI) 04/01/18-12/31/21
Cleveland Clinic (sub-NIH NHLBI Erzurum, S. and Li, X.,PI)
Project 2 Title: Asthma Inflammation Research. Formulation Design, Development, & PK/PD Study of IL-17 Inhibitor Cyanidin in Rat
Role: **Site PI (20% effort)**
Total Award Direct Cost: \$120,688 over 2 years (Total Award with IDC: \$185,256)
7. Arizona Dept of Health & Human Services (AZDHS) Streicher (PI) 07/01/21-12/31/21
Project Title: Development of a Selective Mu-Delta Opioid Receptor Heterodimer Antagonist for Enhancing Opioid Analgesia while Reducing Side Effects
Role: **Co-I (5% effort)**
Total Award with IDC: \$750,000
8. Postdoctoral Research Development Grant (PRDG), The Arizona Sursum Fellowship 07/01/20-06/30/22
Sponsor: The UA Research, Innovation, and Impact (RII)
Postdoc Awardee/Mentee: Dr. Basanth Babu Eedara, Arizona Sursum Fellow
Project Title: Spray Drying Hygroscopic L-Carnitine with Hydrophobic Lubricants to Improve the Dispersibility of Dry Powders for Inhalation
Role: **Mentor (0%, faculty salary not allowed)**
Total Award Direct Cost: \$2,000
9. NIH NIDA UG3DA047717 Morgan (PI) 05/01/19-04/30/22
Washington State University (sub-NIH NIDA Morgan, PI) \$808,318
Project Title: MOR/DOR Heterodimer Antagonists: A Novel Treatment for Opioid Dependence
Role: **Co-I (10% effort)**
Total Award Direct Cost: \$2,075,066 over 5 years (Total Award with IDC: \$3,164,473)
10. Asset Development (AD) grant **Mansour** (PI) 07/01/20-02/15/22
Sponsor: Tech Launch Arizona (TLA)
Project Title: Suramin for Radiation-Induced Oral Mucositis
Role: **PI (0%, faculty salary not allowed)**
Total Award Direct Cost (no IDCs allowed): \$70,000
11. NIH NCI P01CA229112-02S1 Curiel/**Mansour** (PD/**Mentor**) 09/01/20-05/31/21
Project Title: Diversity Research Supplement Grant Targeted Prevention for Non-Melanoma Skin Cancer
Role: **Core D Leader & Mentor (0%, faculty salary not allowed)**

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Diversity Fellow & Mentee: Victor Ruiz, PharmD candidate

Total Award Direct Cost: \$127,531 over 3 years (Total Amount with IDC: \$180,265) was awarded.

12. CONACyT (National Council of Science & Technology in Mexico) **Mansour (PI)** 09/01/19-08/31/20
Role: **PI & Faculty Mentor (0%, faculty salary not allowed)**
Total Award Direct Cost (no IDCs allowed): 1-year Postdoctoral fellowship (partial living expenses plus health insurance) to Dr. David Encinas-Basurto, Ph.D. to work in the Mansour Lab
13. NIH NIAID R21AI135935 Ledford/**Mansour (MPI)** 12/05/17-11/30/20
Project Title: Surfactant Protein A as a Novel Therapeutic for Asthma
Role: **PI (10% effort)**
(Co-Is: Drs. Black, S.M. and Kraft, M.)
Total Award Direct Cost: \$275,000 direct costs over 2 years (Total Amount with IDC: \$422,125)
14. NIH NIA R44AG059279 **Mansour (PI)** 10/30/17-08/31/20
Cylerus, Inc (sub-NIH NIA)
Project Title: Localized Delivery of Sirolimus to Hemodialysis Vascular Access Grafts
Role: **PI (10% effort)**
Total SBIR Award: \$947,918
15. Cylerus, Inc. 2018-2019
Title: Gift Money to the Mansour Research Program
Total Gift: \$30,000
16. NIH NIGMS RL5GM118969 Wagler (PI) 09/26/14-12/31/21
University of Texas El Paso (sub-NIH NIGMS) & the Diversity Consortium Program
Project Title: NIH BUILDing Scholars-Phase II: Research Enrichment Core
Role: **Project PI & Faculty Mentor (0%, faculty salary not allowed)**
Total Award Direct Cost: \$554,647 (Total Award with IDC: \$599,019)
17. NSF/ASU Cooperative Agreement No. HRD-1101728 Magnana (PI at ASU) 09/01/15-12/31/21
NSF LSAMP & the Western Alliance to Expand Student Opportunities (WAESO)
Project Title 1: Advanced Spray Drying Particle Engineering Design for Pulmonary Delivery.
Project Title 2: In Vitro Transport & Spray Drying Engineering Design for Pulmonary Delivery
Role: **Project PI & Faculty Mentor (0%, faculty salary not allowed)**
Total Award Direct Cost: \$378 plus \$1,000 student stipend per project every semester plus full travelship per student to a national NSF Research Conference per year
18. UROC-PREP & UROC-STAR MHD (Minority Health Diversity) **Mansour (PI)** 05/01/15-12/31/21
The UA Graduate College
Project Title: Advanced Spray Drying Particle Engineering Design for Pulmonary Delivery.
Role: **Project PI & Faculty Mentor (0%, faculty salary not allowed)**
Amount: \$4,000 stipend per student researcher (2 students total-Alexan Gomez and Carissa Grijalva)
19. CONACyT (National Council of Science & Technology in Mexico) **Mansour (PI)** 08/01/14-03/31/19
Role: **PI & Faculty Mentor (0%, faculty salary not allowed)**
Total Award Direct Cost (no IDCs allowed): 5-year doctoral fellowship (partial stipend plus health insurance) to Maria Acosta, graduate student, to work in the Mansour Lab
20. Space Exploration & Optical Solutions (SEOS) Technology Research and Initiative Fund (TRIF) Award
SEOS TRIF Lucas/**Mansour/Monti (MPI)** 12/15/17-11/15/18
Sponsor: Senior Vice President (SVP) for Research, Office of Research, Discovery, & Innovation (RDI)
Project Title: Broadening the User Base of the Confocal Raman Spectrometer in the Kuiper Facility.
Role: **MPI (0%, faculty salary not allowed)**
Total Award Direct Cost (no IDCs allowed): \$119,295

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21. Alzheimer's Drug Discovery Foundation (ADDF) Brinton (PI) 11/01/17-10/31/19
Project Title: Allopregnanolone Novel Patentable Formulations to Advance Commercialization
Role: **Co-I (3% effort)**
Total Award Direct Cost (no IDC allowed): \$150,000 over 2 years
22. NIH NIA 1R21AG054766 Hecker/**Mansour** (MPI) 04/01/17-03/31/20
Project Title: Preclinical Development of a Novel Nrf2-activator Formulation for the Treatment of Idiopathic Pulmonary Fibrosis.
Role: **PI (10% effort)**
(Co-Is: Zhang, D. and Garcia, Joe "Skip" G.N.)
Total Award Direct Cost: \$275,000 direct costs over 2 years (Total Amount with IDC: \$422,125)
23. DOD PR160292 Therapeutic Development Award Hecker (PI) 06/01/17-05/31/20
Project Title: Preclinical Development of Small-Molecule Inhibitors Targeting Nox4 for Pulmonary Fibrosis
Role: **Co-I (20% effort)**
(Co-Is: Drs. Colson, Hurley, L., Gokhale, V., Knox, K., Slepian, M., and Garcia, Joe "Skip" G.N.)
Total Award Direct Cost: \$1 million/year for 3 years (Total Award with IDC: \$4.4 million)
24. UA Tech Launch Arizona (TLA) **Mansour** (PI) 09/01/16-05/31/17
Project Title: "Angiotensin-(1-7) Peptide Derivatives for Improvement of Cognitive Function Impairment"
Role: **PI** (with Co-Is Hay, M., Vanderah, T., and Polt, R.L.)
Total Award Direct Cost: \$53,476 over 8 months
25. The UA BIO5 Institute Hecker (PI) 02/01/16-06/30/17
Project Title: Formulation, *In Vitro*, & *In Vivo* NOX4 Studies in Pulmonary Fibrosis.
Role: **Co-I** (includes Co-Is Hurley, L., Gokhale, V., Knox, K., Slepian, M., and Garcia, Joe "Skip" G.N.)
Total Award Direct Cost: \$150,000/yr
26. UAHS MPFA (Multidisciplinary Program Feasibility Award) Black (PI) 10/01/16-09/30/18
Project Title: UA Countermeasures against Chemical Threats (CounterACT) Research Center of Excellence
Role: **MPI (0%, faculty salary not allowed)**
(Co-PIs Garcia, Joe "Skip" G.N., Zhang, D., Chapman, E., and Lantz, C.)
Total Award Direct Cost (no IDCs allowed): \$100,000
27. NIH NIAID Task A65 Lawrenz (PI) 09/15/14-05/31/15
HHSN22722010000331, HHSN27200002 A65.
Project Title: Evaluation of Peptide AA139 in Mouse Inhalation Model of Yersinia Pestis Infection
Role: **Site PI at The UA**
Total Subaward (Direct & Indirect Costs): \$21,615
28. Insys Therapeutics **Mansour** (PI) 07/01/15-06/31/16
Project Title: Development of Dry Powder Aerosol Formulations for Sublingual Drug Delivery.
Role: **PI**
Total Award (Direct & Indirect Costs): \$229,738
29. Cureveda Biotech/TEDCO Technology Commercialization Fund Award 02/1/2015-0731/2015
Technology Development Corporation (TEDCO) of Maryland joint with The Johns Hopkins University
Bloomberg School of Public Health Biswal/Allaway (MPI)
Project Title: Development of an inhaled formulation of VEDA-1209 to treat COPD and pulmonary fibrosis
Role: **Site PI at The UA**
Total Subaward (Direct & Indirect Costs): \$23,841
30. U.S. Food & Drug Administration (FDA) U01 **Mansour** (PI) 06/01/12-12/31/13
FDA U01FD005275-01
Project Title: Characterization of Inhalation Powder Formulations for Aerosol Performance Control & Prediction.

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Role: **PI**

Total Award (Direct & Indirect costs): \$100,000

- 31.** NIH NCI R25CA153954 Evers, M. (PD/PI) 09/03/10-05/31/13
Cancer Nanotechnology Training Center (CNTC)
Project Title: Dry Powder Inhalation Aerosols and Nanotechnology for Targeted Lung Cancer Treatment
Role: **Co-I and Faculty Mentor** to Dr. Samantha Meenach (Postdoc)
Total Award: Postdoc stipend/benefits, research supplies, and travel for two year (\$150,000)
- 32.** NIH Center for Clinical and Translational Science (NIH CCTS 5UL1TR000117) 05/01/12-05/31/13
Professional Students Mentored Research Fellowship (PSMRF).
Project Title: Inhaled Radioprotectant Nanomedicine for Targeted Pulmonary Delivery in Lung Cancer
Role: **Co-I & Faculty Mentor** to Dr. Scott Silva, Ph.D, M.D. (Postdoc Physician-Scientist)
Total Award: Postdoc stipend/benefits, research supplies, and travel for 1 year
- 33.** GlaxoSmithKline (GSK). **Mansour (PI)** 05/01/10-04/30/13
Project Title: Confocal Raman Chemical Imaging and Mapping of Novel Microparticulate/Nanoparticulate Aerosol Formulations
Role: **PI**
Total Award: funds to cover access to in-house GSK confocal Raman microscopy system on-site, expert analysis by Director (Dr. Fred G. Vogt), and research supplies
- 34.** Oakwood Drug Delivery Laboratories **Mansour (PI)** 08/01/08-11/30/09
Project Title: In Vivo Drug-Release Studies on Controlled-Release Delivery Systems & Development of Sustained-Release Polymeric Microspheres of Anticancer Polypeptide Drugs for Clinical Trials.
Role: **PI**
Total Award: \$175,000 (Direct Cost)
- 35.** Sungkyunkwan University, Republic of South Korea **Mansour (PI)** 07/01/10-12/31/12
Project Title: Controlled Release Pulmonary Delivery by Advanced Dry Powder Inhalation Nanotechnology
Role: **Faculty Mentor** to Dr. Chung Woong Park (Postdoc)
Total Award: International Postdoctoral Fellowship to train Dr. Chung Woong Park (Postdoc) in the Mansour lab
- 36.** Changsha, People's Republic of China **Mansour (PI)** 07/01/11-12/31/12
Project Title: Bioengineering of Inhaled Nanoparticles/Microparticles as Dry Powder Inhalers
Role: **Faculty Mentor** to Dr. Jinghua Duan (Postdoc)
Total Award: International Postdoctoral Fellowship to train Dr. Jinghua Duan (Postdoc) in the Mansour lab

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

PREDOCTORAL STUDENT TRAINEES (PHD GRADUATE & PHARMD STUDENTS) MENTORED AS MAJOR PROFESSOR

Past/Current Trainee	Trainee Name (University where training occurred)	Training Period in the Mansour Group (Degree)	Prior Academic Degree Institution	Prior Degree	Prior Degree Year	Current Position of Past Trainees/ Source of Support for Current Trainees
Past	Willis, Lauren Mary (Univ of KY)	2009-2013 (Pharm.D.)	none	none	none	Clinical Research Pharmacist/Clinical Faculty, Univ of KY Cancer Center
Past	Li, Xiaojian (Univ of KY)	2008-2013 (Ph.D.)	University of Toledo College of Pharmacy	MS-PharmSci	2008	Senior Formulation Scientist, Takeda Pharmaceuticals
Past	Muralidharan, Priya (Univ of AZ)	2013- 2018 (Ph.D.)	New Jersey Institute of Technology (NJIT)	MS-Pharmaceutical Engineering	2011	Associate Principal Scientist, AstraZeneca, Inc
Past	Malapit, Monica	2013-2017 (Pharm.D.)	University of Arizona	BS-Cellular & Molecular Biology	2013	Pharmacy Resident, VA Medical Ctr
Past	Mallory, Evan	2013-2017 (Pharm.D.)	University of California	BS-Chemistry	2013	Pharmacy Resident/Clinical Instructor, Univ of Arizona
Past	Acosta, Maria F. (Univ of AZ)	2014-2019 (Ph.D.)	University of Mexico, Mexico City	BS-PharmSci	2013	Senior Formulation Scientist, Codexis, Inc
Past	Abrahamson, Michael (Univ of AZ)	2016-2020 (Pharm.D. Professional Student)	University of Arizona	BS-Cellular & Molecular Biology	2016	Director of Operations, Reglegene
Past	Alabsi, Wafaa (Univ of AZ)	2016-2021 (Ph.D.)	University of Jordan	BS-Pharmaceutical Analysis	2014	Scientist III, Amryis, San Francisco, CA
Past	Vallorz, Ernest L. (Univ of AZ)	2016-2021 (Ph.D.)	UNC-Chapel Hill	BS-Chemistry/ Biochemistry	2013	Senior Formulation Scientist, AstraZeneca, Inc
Past	Ruiz, Victor (Univ of AZ)	2017-2021 (Pharm.D. Professional Student)	Pima Community College Univ of Arizona	Associate Science BS-Chemistry/ Biochemistry	2011 2017	Clinical Pharmacist, Banner Medical Center, Tucson, AZ

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

Past/ Current Trainee	Trainee Name (University where training occurred)	Training Period in the Mansour Group (Degree)	Prior Academic Degree Institution	Prior Degree	Prior Degree Year	Current Position of Past Trainees/ Source of Support for Current Trainees
Past	Mikhail, Amanda	August 2020- May 2022 (Pharm.D. Professional Student)	The University of Arizona	BS	2018	Clinical Pharmacist
Past	Perez, Anita (Univ of AZ)	August 2020- May 2022 (Pharm.D. Professional Student)	The University of Arizona	BS	2018	Clinical Pharmacist
Past	Matthews, Geneva (Univ of AZ)	August 2020- May 2022 (Pharm.D. Professional Student)	-	-	-	Clinical Pharmacist
Past	Jaramillo, Maddy (Univ of AZ)	January 2021- December 2021 (Pharm.D. Professional Student)	The University of Arizona	BS	2020	Clinical Pharmacist
Past	Lora, Andrea (FIU CTS)	2022-2023 (FIU CTS Research Intern) 2023-Present (FIU CTS COM PhD Graduate Student)	Indian River State College	BS-Molecular Biology and Chemistry	2023	7 th Grade Middle School Science Teacher
Current	Chavin, Salonee	Starting Aug 2024	Univ of MS	MS-Molecular Pharmaceutics and Biomedical Sciences	2023	Research Scientist, Lupin Pharmaceuticals, Inc.

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

POSTDOCTORAL TRAINEES AS PRIMARY ADVISOR

Past/Current Trainee	Trainee Name (University where training occurred)	Postdoc Research Training Period in the Mansour Group	Prior Degree	Prior Degree Year	Prior Academic Degree Institution	Current Position of Past Trainees/ Source of Support for Current Trainees
Past	Rhee, Yun-Seok (Univ of KY)	2008-2010	PhD- Pharmaceutics/ Pharmacokinetics	2008	SungKyunK wan Univ College of Pharmacy	Associate Professor (Tenured), Gyeongsang National Univ, S. Korea
Past	Wu, Xiao (Univ of KY)	2009-2011	PhD- Pharmaceutics/ Pharmacokinetics	2009	Univ of Bath College of Pharmacy	Senior Formulation Chemist, Eli Lilly and Company (Elanco)
Past	Park, Chun- Woong (Univ of KY)	2009-2011	PhD- Pharmaceutics/ Pharmacokinetics	2009	SungKyunK wan Univ College of Pharmacy	Associate Professor (Tenured), Chungbuk National Univ, S. Korea
Past	Duan, Jinghua (Univ of KY)	2010-2012	PhD- NanopharmSci	2009	Central South Univ School of Medicine	Biopharmaceutic al Analytical Program Leader, GlaxoSmithKline
Past	Zhang, Wei Fen (Univ of KY)	2010-2012	PhD- Pharmaceutical Sciences	2009	Weifang Medical Univ	Professor (Tenured), Weifang Medical Univ
Past	Han, Sung Gu (Univ of KY)	2012-2013	PhD-Toxicology	2010	Univ of KY	Assistant Prof, Konkuk Univ, South Korea
Past	Meenach, Samantha A (Univ of KY)	2011-2013	PhD-Chemical Engineering	2010	Univ of KY	Associate Professor (Tenured) of Chemical Engineering and Pharmaceutical Sciences, Univ of Rhode Island
Past	Silva, Scott R. (Univ of KY)	2012- 2013	MD/PhD	PhD 2011 MD 2013	Univ of TX/ Univ of KY	Assistant Professor and Director, University of

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

Past/Current Trainee	Trainee Name (University where training occurred)	Postdoc Research Training Period in the Mansour Group	Prior Degree	Prior Degree Year	Prior Academic Degree Institution	Current Position of Past Trainees/ Source of Support for Current Trainees
						Louisville School of Medicine
Past	Muralidharan, Priya (Univ of AZ)	2018-2019	PhD- Pharmaceutical Sciences (Pharmaceutics/ Pharmacokinetic)	2018	The Univ of AZ	Associate Principal Scientist, AstraZeneca, Inc
Past	Kim, Yu Jin (Univ of AZ)	2017-2019	PhD- Pharmaceutical Sciences (Pharmaceutics/ Pharmacokinetic)	2018	University of Houston	Postdoctoral Research Associate, UAHS Brain Science Innovation Center
Past	Encinas, David (Univ of AZ)	06/2019-09/30/21	PhD- Nanotechnology/ Pharmaceutical Sciences	2019	University of Sonoran, Mexico	Professor, Univ of Sonora, Mexico
Past	Eedara, Basanth Babu (Univ of NZ)	07/2020-02/2022	PhD- Pharmaceutics/ Pharmacokinetics	2019	University of Otago, New Zealand	Research Assistant Prof (Mansour Lab)
Past	Alabsi, Wafaa (Univ of AZ)	10/2021-02/2022	PhD- Pharmaceutics/ Pharmacokinetics	2021	The Univ of AZ	Scientist III, Amyris, San Francisco, CA
Current	Shafi, Hasham	01/2024-Present	PhD- Pharmaceutics Nanomedicine/ Pharmacokinetics	2023	India	Postdoc Scholar (Mansour Lab)

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

CAREER-TRACK RESEARCH FACULTY AND TENURE-TRACK FACULTY MENTEES AS FACULTY MENTOR

Past/Current	Faculty Mentee Name	Time Period	Prior Degree	PhD Degree Year	Prior Academic Institution	Current Position
Current	Lu, Jianqin	04/2019-Present	PhD- Pharmaceutics/ Pharmacokinetics	2014	University of California-Los Angeles (UCLA)	Assistant Professor (Tenure-Track), The UA
Current (secondary mentor as primary Female Faculty Mentor)	Chignalia, Andreia	09/2019-Present	PhD- Pharmaceutical Sciences	2009	University of Illinois-Chicago (UIC)	Research Assistant Professor (Career-Track), The UA UAHS Career Development Award grant 2020-2021 American Lung Association (ALA) Catalyst Award grant 2021-2024 American Heart Association (AHA) Career Development Award grant 2021-2023
Current	Sun, Bo	01/2020-Present	PhD- Pharmaceutics/ Pharmacokinetics	2016	University of North Carolina (UNC)-Chapel Hill	Research Assistant Professor (Career-Track), The UA Skin Cancer Institute (SCI) grant awardee 2019-2020 Hispanic-Serving Institution (HSI) Seed Grant awardee 2021-2022
Current	Siefert, Marva (2021 ATS BEAR CAGE Semi-	09/2020-05/2021	PhD	2015	Univ of California-San Diego	Assistant Professor, Univ

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

Past/Current	Faculty Mentee Name	Time Period	Prior Degree	PhD Degree Year	Prior Academic Institution	Current Position
	Finalist Faculty Mentee)					of California-San Diego
Current	Monteseglou, Daphne (2022 ATS BEAR CAGE Winner Faculty Mentee)	09/2020-05/2021	PhD	2017	Univ of Minnesota	NIH Postdoctoral Fellow, Univ of Minnesota
Current	Eedara, Basanth Babu	02/2022-08/2023	PhD	2020	The Univ of Arizona	Senior Scientist, Transpire Biosciences, Inc, Weston, FL
Current	Manivannan, Bhagyashree	05/2022-05/2023	PhD	2010	The Univ of Arizona	Research Assistant Professor, FIU

CURRICULUM VITAE: DR. HEIDI M. MANSOUR

MENTORING

Mentor to Research Assistant Professors (FIU CTS):

1. Dr. Basanth Babu Eedara, PhD (Mansour Lab at FIU CTS) 02/22-08/23
-Research Assistant Professor (Career Track)
-Current Position: Senior Scientist, Transpire Biosciences, Inc.
2. Dr. Bhagyashree Manivannan, PhD (Mansour Lab at FIU CTS) 05/22-05/23
-Research Assistant Professor (Career Track)
-Current Position: Research Assistant Professor at FIU

Mentor to Postdoctoral Scholars (FIU CTS)

1. Hasham Shafi, PhD (Mansour Lab at FIU CTS) 01/24-Pres

Mentor to Undergraduate & Highschool Student Intern Researchers (FIU CTS):

1. Andrea Lora, Indian River State College (IRCS) Senior Undergraduate Intern 06/22-06/23
2. Janica Manasse, Tradition Preparatory High School Student Research Intern (10th grade) 06/22-07/22
3. Kamilah Patino, Tradition Preparatory High School Student Research Intern (11th grade) 06/22-07/22
4. Amy Paula, Tradition Preparatory High School Student Research Intern (11th grade) 06/23-07/23
5. Kamilah Patino, Tradition Preparatory High School Student Research Intern (12th grade) 06/23-07/23
6. Sarah Nefzi, Dual Highs School & IRCS Undergraduate Intern 01/23-01/24
7. Amy Paula, Tradition Preparatory High School Student Research Intern (12th grade) 06/24-07/24
8. Kamiran Meyers, Tradition Preparatory High School Student Research Intern (11th grade) 06/24-07/24

Ph.D. Dissertation Committee Member (FIU College of Medicine, College of Engineering, & FIU CTS):

1. David Caraballo, B.S., Biomedical Sciences PhD Grad Program, College of Medicine 08/23-Pres
2. Valeria Nazaire, B.S., Biomedical Sciences PhD Grad Program, College of Medicine 08/23-Pres
3. Matty Seys, B.S., NSF Bridge-to-Doctorate Fellow, Dept of Biomedical Engineering 06/24-Pres

Ph.D. Dissertation Committee Chair (FIU College of Medicine & FIU CTS):

1. Salonee Chavin, M.S. Starts 8/24

Mentor to Summer Undergraduate Student Researchers (The UA):

1. Alexan Issac Gomez, UA Undergraduate Biomedical Engineering Program 05/15-08/15
- UROC Prep UA Graduate Research Program
2. Raj Patel, Senior High School Summer Research Fellow 05/15-08/15
- UA BIO5 & COP SWEHSC KEYS Program
3. Carissa Grijalva, Biomedical Engineering researcher 05/16-08/16
-Independent Study Researcher, PhPr 399-001
-UA UROC STAR Minority Health Disparities (MHD) Research Fellow
-NSF LSAMP WAESO Research Fellow
-Best Paper Oral Presentation Student Award at the 2016 Society of Hispanic Professional Engineers (SHPE) Conference, Seattle, WA.
- NSF WAESO Full Travelship Award 2016
-3rd Place Award for Best Student Research Oral Presentation, National Role Models Conference, Washington, D.C. 2016
-graduated from The UA in May 2017 and is starting Graduate School
4. Alejandra Pina, Biomedical Engineering researcher 06/16-08/16
-NIH BUILD Scholars MHD Research Fellow from the Univ of Texas-EI Paso

Mentor to Pharm.D. Portfolio Mentees (The UA):

1. Pharm.D. Class of 2017

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5 students (Nour Maher, Michael Brown, Nathan Lunt, and Kim Azari)
- recipient of a 2017 UA COP Graduation Award (Nathan Lunt)

2. Pharm.D. Class of 2018
5 students (Dan Lok, Haehun Rebecca Park, Hee Ju, David Djane, and Alexa Harnisch)
3. Pharm.D. Class of 2019
4 students (Katie Tam, Ben Liang, Nicole Ochoa, and Madeline Yu)
4. Pharm.D. Class of 2020
2 students (Alisia Bahadair and Gamal Raslan)
5. Pharm.D. Class of 2021
3 students (Sigrid Jimenez, Victor Ruiz, and Cassidy Steiner)
6. Pharm.D. Class of 2022
2 students (Emma Duchnowski and Hau Ly)
7. Pharm.D. Class of 2023
3 students (Jose Bustamante, Crystal Lee, and Michelle Wallace)
8. Pharm.D. Class of 2024
3 students (Nicole Unwin, Ivana Kreso, and Jordyn Quevedo)

Mentor to Summer Undergraduate Student Researchers (The UA):

1. Maggie Romero, NIH BUILD Minority Health Diversity (MHD) Scholar & Diversity Program Consortium Fellow
UA-UTEP D 06/18-08/18
-oral and poster research presentations in the UROC (Undergraduate Research Opportunities Consortium) Symposium 08/2018
2. Cynthia Bautista, NIH BUILD MHD Scholar & Diversity Program Consortium Fellow 06/19-08/19
-oral and poster research presentations in the UROC/Graduate College Symposium 08/2019
-oral and poster research presentations at the UTEP NIH BUILD Research Symposium 09/2019
3. Brenda Cota Valenzuela, UAHS BLAISER (Border Latino and American Indian Summer Exposure to Research) Fellow 06/19-08/19
-oral and poster research presentations in the UAHS BLAISER Diversity Symposium
4. Jasmine Rendon, UAHS BLAISER Fellow 06/20-08/20
-oral and poster research virtual presentations in the UAHS BLAISER Diversity Virtual Symposium
5. Kiley Danielle McCombs, UAHS BLAISER Fellow 06/21-08/21
-oral and poster research virtual presentations in the UAHS BLAISER Diversity Virtual Symposium

Mentor to Postdoctoral Scholars (The UA, see table for complete listing of Postdocs):

1. Yu Jin Kim, PhD 09/17-06/1
-one provisional patent together
-coauthor on a book chapter together
2. David Encinas-Basurto, PhD 06/19-09/30/21
-previously was a summer senior graduate student fellow from Univ of Sonoran in my lab 06/18-08/18 through UA Global Latino program (UA Office of Diversity and Inclusivity) led by Dr. Nadia Mexica and Dr. Adrian Arroyo
-CONACyT Postdoctoral Fellowship
-NIH-funded Postdoc in my lab
-two provisional patents together

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- exclusive licensing between the UA and Cylerus, Inc for one of our patents
- poster research presentation at the 2020 CRS International Conference
- invited oral presentation at 2021 Drug Delivery to the Lungs (DDL) Conference
- Current Position: Professor, Univ of Sonora, Dept of Engineering, Sonora, Mexico

3. Basanth Eedara, PhD 07/20-02/22 (promoted in 2/22 to Research Assistant Prof at FIU)
 - Postdoctoral Research Development Grant (PRDG) (Arizona Sursum Fellow), The UA RII

Mentor to Junior Faculty Members (Assistant Professors and Research Assistant Professors):

1. Dr. Jianqin Lu, PhD 04/19-Present
 - Assistant Professor of Pharmaceutical Sciences (Tenure Eligible), Pharmaceutics/Pharmacokinetics Track in the Dept of Pharmacology/Toxicology and Dept of Pharmaceutical Sciences
 - I chaired the Faculty Search Committee that hired Dr. Lu
 - provides lectures in our BSPS undergraduate, PharmD professional, and graduate courses
 - serves on the doctoral committees of our Pharmaceutics/Pharmacokinetics graduate students
 - Major Professor to one new graduate student & is her Doctoral Committee Chair
2. Dr. Andreia Chignalia, PharmD, PhD 09/19-Present
 - Research Assistant Professor (Career Track) of Anesthesiology, College of Medicine
 - Adjunct Research Assistant Professor of Pharmaceutics/Pharmacokinetics in the Dept of Pharmacology/Toxicology
 - As Director of Pharmaceutics/Pharmacokinetics, I obtained an adjunct faculty position for Dr. Chignalia in the Dept of Pharmacology/Toxicology in Pharmaceutics/Pharmacokinetics at her request given her expertise
 - provides lectures to in our graduate courses
 - serves on the doctoral committees of our Pharmaceutics/Pharmacokinetics graduate students
 - UAHS Career Development Award grant 2020-2021
 - American Heart Association (AHA) Career Development Award grant 2021-2024
 - American Lung Association (ALA) Catalyst Award grant 2021-2023
4. Dr. Bo Sun, PhD 01/20-Present
 - Research Assistant Professor (Career Track) of Pharmaceutics/Pharmacokinetics in the Dept of Pharmacology/Toxicology
 - works in the Mansour Lab
 - part of a spousal faculty retention package in the College of Engineering
 - provides lectures in our BSPS undergraduate, PharmD professional, and graduate courses
 - serves on the doctoral committees of our Pharmaceutics/Pharmacokinetics graduate students
 - Skin Cancer Institute (SCI) grant awardee 2019-2020
 - Hispanic-Serving Institution (HSI) Seed Grant awardee 2021-2022
5. Dr. Basanth Babu Eedara, PhD (Mansour Lab at FIU CTS) 02/22-08/23
 - Research Assistant Professor (Career Track)
 - Current Position: Senior Scientist, Transpire Biosciences, Inc.
6. Dr. Bhagyashree Manivannan, PhD (Mansour Lab at FIU CTS) 05/22-05/23
 - Research Assistant Professor (Career Track)
 - Current Position: Research Assistant Professor at FIU

Faculty Mentor in the American Thoracic Society (ATS) Mentoring Program :

1. 2018 ATS Mentoring Program (ATS Pediatric Assembly)
 - minority mentee & senior graduate student at Univ of Alabama-Birmingham, Katelyn Dunigan Russell
 - defended her PhD in Spring 2020 and is currently a Postdoctoral Scholar at The Ohio State Univ
2. 2018 ATS Mentoring Program (ATS Pediatric Assembly)
 - mentee, Saif Al Qatarneh, MD., was Pediatric Pulmonary Fellow at Univ of Pittsburgh and is now an Assistant Professor of Pediatric Pulmonology at West Virginia Univ

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3. 2019 ATS Mentoring Program (Respiratory Structure Function Assembly)
-Postdoc mentee, Feng Xu, PhD, at the Univ of British Columbia
4. 2019 ATS Mentoring Program (Pediatric Assembly)
- Research Assistant Prof mentee, Dr. Mingxia Gu, MD, PhD, at Stanford Univ
5. ATS BEAR CAGE Mentor to 2020 ATS BEAR CAGE Semi-Finalist
- Dr. Marva Siefert, PhD, Assistant Professor at Univ of California-San Diego
6. ATS BEAR CAGE Mentor to 2021 ATS BEAR CAGE Winner
- Dr. Daphne Montseglou, PhD, NIH Postdoctoral Fellow, Univ of Minnesota

Independent Studies Directed (The UA)

1. Monica Malapit, Pharm.D. researcher 01/14-05/17
-Independent Study Researcher
-Senior Research Project
-recipient of a 2017 UA COP Graduation Award
-graduated in May 2017 and currently a Pharm.D. Resident at the Veteran's Admin, Tucson, AZ
2. Evan Mallory, Pharm.D. researcher 01/14-05/17
-Independent Study Researcher
-Senior Research Project
-recipient of a 2017 UA COP Graduation Award
-graduated in May 2017 and currently a Pharm.D. Resident at the Veteran's Admin, Tucson, AZ
3. Daniel Lok, Pharm.D. researcher 08/14-05/15
-Independent Study Researcher

Rebecca Park, Pharm.D. researcher 01/15-05/15
-Independent Study Researcher
4. Jennifer Patel, Molecular Cellular Biology researcher 01/15-05/15
-Independent Study Researcher, PhPr 399-001
5. Alexan Issac Gomez, Biomedical Engineering researcher 08/15-08/16
-Independent Study Researcher, PhPr 399-001
-NSF WAESO Research Fellow
-NSF WAESO Full Travelship Award 2015
-UROC Prep UA Graduate Research Program
-currently a graduate student at Arizona State University College of Engineering
6. Debra Droopad, Pharm.D. researcher 01/17-05/19
-Independent Study Researcher
-Book chapter coauthor
7. Andrea Miller, Pharm.D. researcher 05/18-05/19
-Pharmacy Senior Project Researcher
8. Rebecca Smith, Pharm.D. researcher 05/18-05/19
-Pharmacy Senior Project Researcher
9. Nicole Woods, Pharm.D. researcher 05/18-05/19
-Pharmacy Senior Project Researcher
10. Michael Abrahamson, Pharm.D. researcher 08/17-05/20

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- Independent Study Researcher
- Pharmacy Senior Project Researcher
- poster presentation at ASHP National Midyear Clinical Meeting & Exhibition 12/2019
- poster presentation at the UA COP Senior Research Day Symposium 05/2020

11. Sean Perea, Chemical Engineering researcher 08/18-05/19
 - Independent Study Researcher
 - BSPS PCOL 355 student
 - currently in Graduate School at UC-Irvine
12. Kiran Mistry, Engineering researcher 01/19-05/19
 - Independent Study Researcher
 - BSPS PCOL 355 student
 - currently in PharmD School at UA COP
13. Victor Ruiz, Pharm.D. researcher 08/17-05/21
 - Independent Study Researcher
 - Pharmacy Senior Project Researcher
 - Frontiers in Knowledge Senior Award
14. Amanda Mikhail, Pharm.D. researcher 08/20-05/22
 - Independent Study Researcher
 - Pharmacy Senior Project Researcher
15. Anita Perez, Pharm.D. researcher 08/20-05/22
 - Independent Study Researcher
 - Pharmacy Senior Project Researcher
16. Geneva Matthews, Pharm.D. researcher 08/20-05/22
 - Independent Study Researcher
 - Pharmacy Senior Project Researcher
17. Maddy Jaramillo, Pharm.D. 01/21-12/21
 - Independent Study Researcher co-mentored with Dr. Bo Sun

Honor's College Honor's Independent Studies Directed (The UA)

1. Kayla Bansback, Freshman Honor's College Undergraduate 01/19-05/19
 - poster research presentation at Honor's College Research Symposium 04/19
2. Olivia Robida, Freshman Honor's College Undergraduate & Early Assurance Pharm.D. student 01/20-05/20
 - poster research presentation virtually 05/20
3. Katie Tran, Honor's College Undergraduate & BSPS researcher 08/20-05/21
 - Independent Study Researcher

Dissertations Directed as Major Professor (UK and The UA)

1. Xiaojian Li, M.S., Ph. D., 04/09-04/14
 - UKY COP Daniel P. Reedy Fellow 2008-2009
 - UKY Center of Membrane Sciences Fellow 2010-2011
 - Qualifier Exam (written/oral) passed in Spring 2011
 - S. Elizabeth Helton Memorial Pulmonary Research Travelship 2012
 - PhD exam defended on March 25, 2014
 - Dissertation title: *"Multi-Component Nanoparticulate/Microparticulate Dry Powder Inhalation Aerosols for Targeted Pulmonary Delivery"*
 - First Position: Senior Formulation Scientist, Albany Molecular Research, Albany, NY.

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Second Position: Senior Formulation Scientist, Mallinckrodt Pharma, St. Louis, MO, Third Position: Senior Formulation Scientist, Adare Pharmaceuticals, Ohio; Current Position: Senior Formulation Scientist, Takeda Pharmaceuticals, Boston, MA (2021-Present)

2. Priya Muralidharan, UA COP PhD Dissertator & Lab Manager 08/13-12/17
 - Assistant Research Scientist 01/18-05/19
 - The UA College of Pharmacy Graduate Student Fellowship
 - Awardee of 2 Graduate Student Council Travelships
 - Graduate Council (GC) Pharmaceuticals Graduate Student Representative
 - AAPS Student Chapter President and Past-Treasurer
 - Awardee of Funding from the UA BIO5 Institute and the NIH
 - Awarded Graduate & Professional Students Council (GPSC) Travelships in 2015 and 2016
 - Arizona Daily Star research highlighted online
 - Research microscopy images showcased outside the Kuiper Imaging Facility
 - Cover Inside Page Design for the Royal of Society Chemistry journal, *Molec Sys Des Eng*
 - Awarded the "Outstanding Research in Pharmaceuticals/Pharmacokinetics Track" Award UA COP 05/17
 - Commencement Speaker (Graduate Student Representative) at The UA COP Convocation graduation ceremony on May 12, 2017
 - Successfully passed her PhD Dissertation Defense on 10/26/17
 - Currently employed as a Senior Formulation Scientist, Liquidia Technologies, Research Triangle Park (RTP), Durham, NC. Second position: Senior Formulation Scientist, Sequiris, Inc., RTP, NC Current Position: AstraZeneca. RTP, NC

3. Maria Acosta, UA COP PhD Dissertator in Pharmaceuticals/Pharmacokinetics 08/14-02/19
 - CONACyT (National Council of Science and Technology of Mexico) Doctoral Fellowship
 - Awardee of 2 Graduate Student Council Travelships
 - AAPS Student Chapter Treasurer
 - GC Pharmaceuticals Graduate Student Representative
 - Awardee of Funding from the NIH
 - Awarded GPSC Travelships in 2017 and 2018
 - invited oral research and poster presentations at the 2017 International Society of Aerosols Medicine (ISAM) Congress
 - invited oral research and poster presentations at the 2017 and 2018 American Association of Pharmaceutical Scientists (AAPS) Conferences & Exhibitions
 - invited oral research and poster presentations at the 2017 and 2018 Controlled Release Society (CRS) International Conferences & Exhibitions
 - Awarded Caldwell Health Sciences Research Fellowship 04/18
 - Awarded the "Outstanding Research in Pharmaceuticals/Pharmacokinetics Track" Award 04/18
 - Successfully passed her PhD Defense on 02/27/19
 - First position (02/19-6/22): Senior Formulation Scientist, NuVox Pharmaceuticals, LLC, Tucson, AZ. Current position (6/22-Present): Senior Formulation Scientist, Codexis, Inc., San Jose, CA

4. Wafaa Alabsi, UA COP PhD Dissertator in Pharmaceuticals/Pharmacokinetics 08/16-09/21
 - passed her Oral Comprehensive Exam in 07/19 to become a PhD Doctoral Candidate/Dissertator
 - invited oral research presentation and poster presentation at the 2019 AAPS Rocky Mountain Regional Conference Annual Meeting on Exploring Biological and Mechanistic Diversity in Pharmaceutical Discovery and Development. 07/18
 - poster presentation at 2020 Women in Data Science (WIDS) Tucson virtual conference
 - invited oral research presentation at 2020 CRS International Virtual Conference & Exhibition
 - Awardee of funding from the NIH
 - Awarded the Hugh E. Laird II, Ph.D. Memorial Fellowship Award 04/18
 - Awarded a GPSC Travelship 04/20
 - Awarded the "Outstanding Research in Pharmaceuticals/Pharmacokinetics Track" Award 04/20
 - Awarded the "Academic Excellence in Pharmaceuticals/Pharmacokinetics Track" Award 04/20
 - Successfully passed her PhD Defense on 9/27/21
 - Postdoctoral Researcher in the Mansour Lab 2021-2022

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-Current Position (8/22-Present): Scientist III, Amyris, San Francisco, CA

5. Ernest Vallorz, UA COP PhD Dissertator in Pharmaceutics/Pharmacokinetics 08/16-11/21
-passed his Oral Comprehensive Exam in 07/19 to become a PhD Doctoral Candidate/Dissertator
-Graduate Council Student Track Representative and Treasurer
-coauthor on multiple poster presentations at the UA
-Awarded the "Outstanding Research in Pharmaceutics/Pharmacokinetics Track" Award 04/21
-Awarded the "Academic Excellence in Pharmaceutics/Pharmacokinetics Track" Award 04/21
-First Position (01/22-6/22): Aurobindo, Inc, RTP, NC
-Current position: Senior Formulation Scientist, AstraZeneca, Inc RTP, NC

Graduate Student Committee Member Service (UK and The UA)

1. Nathanael Stocke, Ph. D. 2010-2013
-NSF-IGERT Fellow
-NIH NCI CNTC Fellow
-UKY College of Engineering joint with Pharmacy (H.M.Mansour, Co-Mentor)
-Qualifier Exam passed September 2012
- 2013 Markey Cancer Center Research Day Graduate Student Science Poster Award (1st Place)
- 2014 GPEN 1st Place-Best Poster Presentation Award
-Ph.D. Final Defense: 2015; Current Position: Glycomimetics, Louisville, KY
2. Sean O'Connell, Ph.D. Candidate (Dissertator) 2013-2014
-Graduate Student in the UA COP PharmSci Graduate Program (S. H. Yalkowsky-Major Prof)
- Ph.D. Final Defense: November 20, 2014
3. Stephen Franklin, Ph.D. Candidate (Dissertator) 2013-2014
-Graduate Student in the UA COP PharmSci Graduate Program (P.B. Myrdal-Major Prof)
- Ph.D. Final Defense: December 5, 2014
4. Poonam (Aliyah) Sheth, Pharm.D., Ph.D. Candidate (Dissertator) 2013-2014
-Graduate Student in the UA COP PharmSci Graduate Program (P.B. Myrdal-Major Prof)
- Ph.D. Final Defense: June 11, 2014
5. Brittany Admire, Ph.D. Candidate (Dissertator) 2014-2015
-Graduate Student in the UA COP PharmSci Graduate Program (S. H. Yalkowsky-Major Prof)
- Ph.D. Final Defense: April, 2015
6. Raj Patel, Ph.D. Candidate (Dissertator) 2014-2017
-Graduate Student in the UA COP PharmSci Graduate Program (S. H. Yalkowsky-Major Prof)
7. Alhassan Adoah., Ph.D. Candidate (Dissertator) 2015-2017
-Graduate Student in the UA COP PharmSci Graduate Program (P.B. Myrdal-Major Prof)
-Qualifier Exam passed May 2015
8. David Humberto Lopez, M.S. Candidate 2016-2019
-CONACyT (National Council of Science and Technology of Mexico) Graduate Student Research Fellow
-mentored him on careers, fellowship opportunities, research, and graduate school
-National Science Foundation (NSF) Minority Graduate Student Research Fellow
-Served on his MS Thesis Defense Committee in 2018-2019
-Successfully passed his Chemical Engineering MS Thesis Defense in 05/19
-Currently a graduate student in the College of Engineering
-Pharmaceutical Sciences Minor and I'm his Minor Professor
9. Bayan Alhafiz, Predoctoral Candidate 2021-2022
-Graduate Student in the UA COP PharmSci Graduate Program-Pharmaceutics/PK Track (R. Guzman Major Prof)

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10. Jeremy Andrew Snell, Predoctoral Candidate

2021-2022

-Graduate Student in the UA COP PharmSci Graduate Program-DDD Track (G. Wondrak-Major Prof)