

## Present Group (December 2021)

**Marc A. Ilies PhD, PI**

### **Graduate Students**



**Md Abu Sufian**, PhD student (2019-present)  
Biological effects of carbonic anhydrase inhibitors,  
Design and development of drug and nucleic acid delivery systems



**Shibbir Ahmed Khan**, PhD student (2019-present)  
Design and development of drug delivery systems



**Tashnuva Rifat**, PhD student (2021-present)  
Design and development of drug delivery systems



**Mathias Sanchez Machado**, Fulbright PhD student (2021-present)  
Design and development of drug and nucleic acid delivery systems

**Pharm.D. students**



**Tran Khanh Ngoc (Anya) Dinh**  
Pharm.D. candidate, class of 2023  
Synthesis of carbonic anhydrase inhibitors and activators



**Sarah Uddin**  
Pharm.D. candidate, class of 2025  
Biochemistry and pharmacology of hypoxic tumors

## Undergraduate Students



**Shreya Shah**

(TU CST- Biochemistry),

2018-present

Drug and nucleic acid delivery systems, nanotechnology



**Alexandra Uchenik** (TU CST – Chemistry)

Design and synthesis of carbonic anhydrase inhibitors



**Rida Rahman** (TU CST – Biochemistry)

Biological activity of carbonic anhydrase inhibitors



**Priya Joshi** (TU CST – Biology)  
Delivery systems for disease treatment

## **Alumni**

### **Graduate Students – Thesis Advisor**

1. **Sushma Savarala**  
(co-advised with Dr. Stephanie L. Wunder, Temple CST, Department of Chemistry, Philadelphia, PA)  
Ph. D.: January 2008 – December 2011; thesis defended 11/15/11  
**United States Department of Agriculture**
2. **Suleyman Akocak** (with Full Scholarship from Government of Turkey);  
Ph. D.: September 2009 – September 2014; thesis defended 07/24/14  
Assistant Professor, **Adiyaman University, School of Pharmacy, Adiyaman, Turkey**
3. **Vishnu Dutt Sharma**  
Ph. D.: September 2010 – May 2014; thesis defended 04/28/14;  
- received the annual Gautieri Outstanding Graduate Student Award of TUSP and a TU Dissertation Grant  
Senior Scientist, EMDSerono,  
Presently: Pharmacometrics Reviewer at **US Food and Drug Administration**
4. **Rajesh Kishore Kumar Sanku**  
(co-advised with Dr. Ellen A. Walker, TUSP)  
Ph. D.: September 2013 – May 2018; thesis defended 04/11/18  
Postdoctoral Fellow, University of Pennsylvania, School of Medicine,  
Department of Systems Pharmacology and Translational Therapeutics  
Scientist at Bristol-Myers Squibb, Charles River Laboratories  
Presently: Scientist, **Gilead Sciences**
5. **Ahmed M. Shabana**  
Ph. D.: September 2013 – May 2018; thesis defended 04/18/18  
- received the 2017 Gautieri Outstanding Graduate Student Award of TUSP and a TU Dissertation Grant  
Postdoctoral Fellow, Johns Hopkins University, Institute for NanoBioTechnology  
Presently: Scientist, **GlaxoSmithKline Vaccines** (Formulation Discovery & Drug Product Development)

6. **Uttam Satyal**,  
Ph. D.: September 2013 – October 2018; thesis defended 10/26/18  
- received the 2018 Kalleis Outstanding Graduate Student Award of TUSP  
Postdoctoral Fellow, **Fox Chase Cancer Center**, PA
7. **Utpal Kumar Mondal**,  
PhD student (September 2013 – February 2019); thesis defended 02/07/19  
- received a competitive TU Dissertation Completion Grant  
Postdoctoral fellow, National Cancer Institute (NIH), Frederick, MD  
Presently: ORISE fellow, **US Food and Drug Administration**

#### Postdoctoral Fellows

1. **Bogdan Draghici PhD** (January 2013 – March 2015)  
Scientist, **Siemens Healthineers**, Newark, DE

#### Visiting Scientists

1. **Ozlem Ozen Karakus PhD**, Associate Professor, Pamukkale University,  
Faculty of Science & Arts (August 2015 – October 2016)  
Visiting Professor and Research Scientist, **Albany Pharmaceutical Research Institute**

#### Research Technicians

1. **Chidubem Eneanya** (March –August 2019)  
PhD student at **Temple University School of Medicine, Philadelphia, PA**

#### Non-thesis MS, QA/RA students

1. **Khyati Dave**, MS in QA/RA - 2008  
Scientist, Merck & Co  
Presently: Specialist, GMP Operations at **Bristol Myers Squibb**
2. **Mrudang Shah** MS student in QA/RA - 2008  
PhD studies at Wayne State University (Pharmacology),  
Process Technical Specialist at **ADVENT Engineering**
3. **Harshith Neeli** MS student in Pharm. Sci. -2014  
PhD studies at Long Island University (Pharmacology)  
Presently: Associate Director, Project Clinical Pharmacokineticist, **Boehringer Ingelheim**
4. **Md. Raqibul Alam**, MS in Pharm. Sci. – 2016  
Pharm. D. student at Jefferson University  
Presently: Staff Pharmacist at **USP Lompoc Hospital**
5. **Qiangnan (Eva) Zhang**, MS in Pharm. Sci. 2016 – 2017  
Ph. D. student, TU School of Pharmacy  
Presently: ORISE fellow, **US Food and Drug Administration**
6. **Yang Pan**, MS in Pharm. Sci. 2016 – 2017

### Professional Students

1. **Ramzan Ali**, PharmD – 2010  
Pharmacist
2. **Hornng Mian (Zoe) Huang**, PharmD – 2011  
Pharmacist Intern, Temple University Hospital
3. **Tiffany Sommers**, PharmD – 2012  
Pharmacist, US Air Force
4. **Benjamin Duy Tran**, PharmD – 2015  
Pharmacist, Postdoctoral fellow, Children's Hospital of Philadelphia Research Institute
5. **Kun Lee**, PharmD - 2016  
Pharmacist, UPMC Presbyterian Hospital, Pittsburg, PA
6. **Lisa L. Dragic**, PharmD (2011 – 2014)  
Pharmacist, PGY-1 Pharmacy Resident at the Samuel S. Stratton VA Medical Center in Albany, NY
7. **Sabina Zamanova**, PharmD (2017- 2020)  
- received the TUSP Renzulli Family Scholarship  
Regulatory Affairs Specialist at Strides Pharma Inc.  
Presently: Manager, Global Regulatory Affairs - Therapeutic Group at **GSK**

### Undergraduate Students

1. **Samson Russom** (TU-Philadelphia Community College Bridge program), 2009  
Gainfully employed
2. **Mydung Le** (TU CST-Chemistry, with Dr. Stephanie Wunder), 2009  
Gainfully employed
3. **Dushyant Javia** (TU CST-Chemistry, with Dr. Stephanie Wunder) 2009  
Merck & Co
4. **Bhumiben Shah** (TU CST – Biochemistry), 2009  
Gainfully employed
5. **Kyle Norris** (TU CST- Chemistry), 2009  
Actuarial consultant, Aetna
6. **Eronmwon Aifuwa** (TU CST- Chemistry), 2010  
MD candidate, American University of Antigua, College of Medicine
7. **Huishu Xu** (TU CST-Chemistry), 2010  
Analyst, Dow Chemical
8. **Anh Nguyen** (TU CST-Chemistry), 2010  
Clinical Practice Pharmacist at Jackson Memorial Hospital

9. **Li Ching He** (TU CST-Biology), 2010  
PharmD candidate, Temple University School of Pharmacy
10. **Adrian Kizewski** (TU CST – Biochemistry), 2010 - 2012  
GlaxoSmithKline, MSc- Johns Hopkins University, MBA- Georgetown University  
Senior Consultant in Life Sciences at Cognizant Consulting  
Presently: **IQVIA**
11. **Andrew Gaspari** (TU CST – Biochemistry), 2011  
PharmD candidate, Temple University School of Pharmacy  
Clinical Pharmacist at **Aetna**
12. **Kara Thompson** (TU CST –Biology), 2012  
Graduate student, TU School of Medicine  
Presently: Clinical Laboratory General Supervisor at **Children's Hospital of Philadelphia**
13. **Julia Lees** (TU CST - Chemistry), 2013  
PharmD candidate, Temple University School of Pharmacy  
Pharmacist, PGY-1 Pharmacy Resident at UPMC Presbyterian Shadyside  
Presently: **Clinical Pharmacist at Aria - Jefferson Health**
14. **James Grivas** (TU CST – Biochemistry), 2013  
Undergraduate student (Senior), TU CST, Biochemistry  
Presently: Operations Manager at **Merck & Co.**
15. **Han Nguyen** (TU CST – Chemistry), 2013  
Undergraduate student (Senior), TU CST, Chemistry  
QC Analyst at **Philadelphia Energy Solutions, LLC**
16. **Kayla D. Kownurko DVM** (TU Cellular and Molecular Neuroscience), 2014  
Undergraduate Student, TU Cellular and Molecular Neuroscience  
Veterinarian, **Rhinebeck Equine LLP**
17. **Mallorie Fouch** (TU CST – Biochemistry), 2014  
Associate Scientist at Cabaletta Bio, Glenside, Pennsylvania
18. **Harry S. Thompson** (TU CST- Biochemistry), 2013 - 2015  
Process Chemist at United Chemical Technology (UCT)
19. **Hanan Naser** (TU CST- Biology), 2014 – 2015  
DMD Student at Virginia Commonwealth University School of Dentistry
20. **Shani Vildbaum** (TU CST – Biochemistry), 2014 – 2015  
PharmD student, Temple University School of Pharmacy  
Pharmacy Resident at **Jefferson Medical Center**
21. **Joseph Musco** (TU CST – Chemistry), 2014-present  
I3Pharmaceuticals, Warminster, PA

22. **Rachel Adelberg** (TU CST – Chemistry) 2014-2015  
PhD student, Fox Chase Cancer Center
23. **Codee Alicia Ross** (TU CST – Chemistry) 2015-2016  
Temple University Student
24. **Taylor Spoon** (TU CST – Biology), 2015-2016  
Associate Scientist at Pharmaceutical Product Development (PPD), Philadelphia, Pennsylvania  
Presently: Associate Scientist at **GSK**
25. **Eric B. Gurevich** (TU CST – Biochemistry), 2015-2016  
Temple University Student
26. **Nicole Lemon** (TU CST – Biochemistry), 2016-2018  
Co-op position, GlaxoSmithKline  
PhD student, **Temple University School of Medicine**
27. **Aaron Chacko** (TU CST – Chemistry), 2017  
Temple University Student
28. **Ronit Shvarzman** (TU CST – Biochemistry), 2017  
Temple University Student  
Presently: Research Coordinator at the Center for the Neuroscience of Psychedelics at **Massachusetts General Hospital**
29. **Elizabeth Mcduffie** (TU CST – Biochemistry), 2017  
PhD student, Thomas Jefferson Medical School, Philadelphia  
PhD Candidate at **Thomas Jefferson University**
30. **Jennifer Alexandra Shif** (TU CST - Pharmaceutical Sciences), 2017  
PharmD student, Temple University School of Pharmacy, class of 2022
31. **David Rula** (TU CST – Chemistry), 2018-2019  
Biotechnician, **Merck & Co**
32. **Kate Doroba** (TU CST – Neuroscience), 2018-2021
33. **Kerry Hojecki** (TU CST-Biology) 2020 – 2021  
Medical Assistant at Internist Associates, Philadelphia, PA
34. **Leslie Lam** (TU CST-Biology) 2019-2021  
Research Associate, **Spark Therapeutics (Roche)**, Philadelphia PA

Summer MARC High School Student

1. **Lauren Spearman**, Chicago, IL, 2009