From the Chair

Temple University School of Pharmacy (TUSP) AAPS Student Chapter entered its 15th year in the 2017-2018 academic year. It is my privilege to announce the inaugural issue of the TUSP AAPS Student Chapter newsletter. Our intention with this newsletter is to inform the TUSP community of chapter events, and highlight achievements and contributions. We expect to publish two issues in each academic year. In the fall semester, the AAPS Student Chapter continued our traditional activities along with starting some new initiatives.

I would like to thank Dr. Ken Korzekwa and other faculty members for their continued support. We hope to continue providing you with useful information through this newsletter, and we greatly appreciate your feedback. If you have ideas for future issues, and/or would like to contribute, please contact any of the AAPS Student Chapter committee members.

Best,
Jaydeep Yadav
Congratulations!!!

• The AAPS student chapter would like to congratulate Iman Saber, Ph.D. and Kaining Zhi Ph.D. on their completion of PhD defense.

• The AAPS student chapter would like to congratulate Ahmed Shabana, Rajesh Kishore Kumar and Uttam Satyal on completion of their thesis proposals.

NEW GRADUATE STUDENTS ORIENTATION

TUSP welcomed three new Ph.D. students, Tirtha Nandi, Connor Quinn and Qiangnan Zhang, in the fall 2017 semester. During the orientation, the new students were given a small presentation about the department followed by a department tour. Tirtha Nandi came from Bangladesh and is interested in biopharmaceutics and formulation development. Connor Quinn who is from New Jersey, graduated from the University of the Sciences in Philadelphia, has an interest in proteomics. Qiangnan Zhang, originally from Nanjing, China, is doing research on drug delivery systems.

SEMINAR SERIES AND INTERACTIVE SESSIONS

Dr. Heimbach’s Seminar: On September 15th, 2017, Dr. Tycho Heimbach, Director of the Computational Biopharmaceutics group in PK Sciences at Novartis, presented on “PBPK Modeling and Simulations of Oral Drug Absorption: Opportunities and Challenges”. He discussed topics ranging from the prediction of PPI and food-food effects to bio-relevant Permeability Challenges. He also participated in an interactive session with graduate students and gave suggestions to hone interview skills.

Dr. Hussain’s Seminar: On September 29th, 2017, Dr. Munir A Hussain, Distinguished Research Fellow in Drug Product Science and Technology at Bristol-Myers Squibb, presented on “Pharmaceutical Development of Nanoparticles and Nanoparticulate Drug Delivery Systems: Impact of Size and Structure on Functionality”. Dr. Munir discussed the absorption issues of the various nanoparticle-sized drugs and formulation considerations for crystalline and amorphous nanoparticles. He also stressed the importance of career development in the pharmaceutical industry during the interactive session.
Temple University AAPS Student Chapter organized a Graduate TUSP AAPS One-Day Symposium on October 13th, 2017 in collaboration with the Rutgers University, Long Island University, St. John’s University and Howard University AAPS Student Chapters. The theme of this symposium was “Drug discovery and development in the era of precision medicine” which involved a series of scientific sessions, a poster presentation session, and a career session for students. The talks covered topics ranging from medicinal chemistry to drug delivery.

This first edition of the symposium was attended by over seventy people from different universities, and pharmaceutical companies. Scientific talks were given by eminent scientists, including Dr. Binodh DeSilva, Dr. Mathew Rizk, Dr. Donovan McConn, Jennifer Bushee Dumouchel, and Dr. Robert Prud’homme. Students were able to network, share their research, as well as gain valuable career advice from the panelists.

Panelists following the career panel at the TUSP AAPS One-Day Symposium on 10/13/17

More to Come in Spring 2018

- Guest seminars:
  - Dr. Larry Weinkers (Amgen): Friday, February 9th, 2018
  - Dr. Scott Obach (Pfizer): Friday, February 23rd, 2018
  - Dr. Haifeng Cui (GSK): Friday, March 16th, 2018

- Mentor-Mentee Program
  We will be implementing a mentor-mentee program starting Spring 2018.

- Other Activities:
  - Career Day
  - Research Recognition Day
  - School outreach
  - Industrial trip
  - Community Service
  - Summer Social Event
  - International potluck

Newsletter Committee Members

Art Design: Pengbo Guo
Content and Proofreading: Jaydeep Yadav, Zeyuan Wang, Pengbo Guo, Di Wu, Kimberly Holt, Casey Radice

Jaydeep Yadav: jaydeep.yadav@temple.edu
Kimberly Holt: tuf80459@temple.edu
Pengbo Guo: pengbo.guo@temple.edu
Di Wu: tuf69743@temple.edu
Casey Radice: tuf99959@temple.edu