SNMMI: Radiopharmaceutical Sciences Council

Report to SNMMI Committee on Councils/Centers and House of Delegates

June 2014

Activities and Accomplishments

1. 2014 SNMMI Mid-Winter Meeting – Educational Symposium
   The RPSC participated in the 2014 Mid-Winter Meeting and sponsored the following sessions:
   a. Emerging Radioglands and Future Imaging Targets for CNS Binding Sites
   b. Alpha Particle Therapy Agents

2. 2014 SNMMI Annual Meeting
   Categorical Session: Applications of PET Imaging in Drug Discovery and Personalized Medicine
   Continuing Education Sessions:
   a. Radiolabeled Nanoparticles
   b. Development of PET Radiotracers for CNS binding sites: from Target Choice to Clinical Implementation
   c. Multimodality Imaging
   d. PET Imaging with Radiometals

3. 2014 Michael J. Welch Award: An award was established in 2009, named after Dr. Michael J. Welch, Professor of Radiology at Washington University, St. Louis, MO. The recipient of the 2014 Michael J. Welch Award is Michael R. Kilbourn, PhD, who will present, Forgotten Friends: 35 – Plus Years of Brain Radiotracer Development.

2014 Berson-Yalow Award: The recipient of the 2014 Berson-Yalow Award is Xiang Zhang, PhD, for his abstract entitled, “PET Specificity Studies of (-)-[^11C]TZ659 for Imaging VACht in NHP Brain.” This award honors nuclear medicine scientists who have done exceptional research to advance the field of nuclear medicine, and it is funded by the RPSC.

4. 2014 Young Investigator Awards: The Young Investigator Awards are funded from a grant from the Education and Research Foundation (ERF) and the winners will be announced at the 2014 Annual Meeting in St. Louis, Missouri.

5. The RPSC is co-sponsoring a Poster Session Mixer with CMIIT at the 2014 SNMMI annual meeting. This poster mixer encourages poster attendance and stimulation of RPSC membership. The council would like to thank our generous sponsors: Navidea Biopharmaceuticals; ImaginAb; UPPi; Altor BioScience Corp.; Becquerel & Sievert Co, LLC; The Gollman Group, Inc.; eCentury Publishing; Trasis; ABX; Blackthorn Associates, LLC; InviCRO, LLC; Ionetix; isoSolutions; MI Labs; Promega; Rotem Industries, Ltd.; Sequoia SciTech; Synfast Consulting, LLC; TriFoil Imaging; and Xstrahl Life Sciences. We continue to encourage members to post their open job opportunities or job-wanted advertisements.
Looking Forward

1. The Radiopharmaceutical Sciences Council held its 2014 election of new officers and board members. We are pleased to welcome the following individuals to the RPSC Board of Directors: Xiaoyuan (Shawn) Chen, PhD (Vice President-elect), David Dick, PhD (Secretary); Tayo Ikotun, PhD (Board member); Steven S. Zigler, PhD (Board member).

2. The Radiopharmaceutical Sciences Council will focus its attention on identifying membership needs and providing more avenues of communication among members of the Council and Council leadership. It is a goal of the Council to increase membership by at least 5% this year by providing these additional resources and enhancing the value of Council membership. The Council will look into planning a Board retreat (depending on funds) and will work on increasing communication among members via the RPSC LinkedIn page and shorter, more frequent newsletter updates. In particular, the Council will focus on expanding membership services directed toward the Radiopharmacy and Nuclear Medicine Technologist communities. This approach will improve the value for our existing Radiopharmacist members and encourage new membership to both the Council and Society from among the Radiopharmacy and Nuclear Medicine Technology communities.

3. Hold regular RPSC BOD business meetings
   - Organize Interim Board Meeting
   - Quarterly meetings of the RPSC BOD by teleconference

4. 2015 SNMMI Mid-Winter and Annual Meetings – The RPSC is planning to sponsor sessions.

5. Mentor the 2013-2015 RPSC Intern, Jennifer A. Luther, MS, PharmD from Triad isotopes, Mobile, AL.

6. On-going collaborative efforts with CMIIT and the EANM Radiopharmacy Council. Possible areas of collaboration have been discussed including, drafting guidelines and best practices (suggested topics include: sterility and microbiology, GMP regulation and validation, extension to the EU – the PET radiopharmaceutical production site survey done by former RPSC intern Tayo Ikotun in collaboration with John Sunderland and the SNMMI Clinical Trials Network, and development of a radiopharmaceutical database shared between both councils). The RPSC has created a sub-committee to work on these issues and conference with EANM to decide next steps.

Officers of the RPSC Council

President: Cara Lee Ferreira, PhD, BSc
Vice President: Neil A. Petry, MS, RPh, BCNP
Vice President-Elect: Suzann Lapi, PhD
Secretary: David Wayne Dick, PhD
Treasurer: Peter JH Scott, PhD
Immediate Past President: Timothy R. DeGrado, PhD

Mission

The Radiopharmaceutical Sciences Council (RPSC) is dedicated to the interchange of scientific and medical information, ideas, and knowledge among Society of Nuclear Medicine and Molecular Imaging members who
have an interest in radiopharmaceutical sciences. The overall mission of the RPSC is to:

- Provide a forum for members with similar interests
- Provide expertise in the fields of interest to the membership
- Foster education in research and application of molecular imaging and radiopharmaceutical sciences
- Provide outreach to other professionals and organizations
- Nurture new membership into the Society and the Council
- Provide recognition for professionals who have made outstanding contributions in the fields encompassed by the molecular imaging and the radiopharmaceutical sciences
- Provide continuing education credits for Radiopharmacists
- Serve as a resource to SNMMI leadership