SNMMI Honors Contributors, Recognizes Scientific Excellence at 2022 Annual Meeting

During its 2022 Annual Meeting, held in Vancouver, Canada, from June 11 to 14, SNMMI recognized contributions to the society and to the field of nuclear medicine, as well as excellence in scientific abstracts and posters. Several award ceremonies were held in plenary and other sessions to recognize service, scientific contributions, and the valuable roles SNMMI members play in advancing the diagnosis and treatment of cancer, heart disease, neurologic, and other conditions.

SNMMI Presidential Distinguished Service Awards

SNMMI Presidential Distinguished Service Awards are given annually to individuals who have made significant impacts within SNMMI during the tenure of each society president. The 9 individuals recognized in 2022 by 2021–2022 President Richard Wahl, MD, have been instrumental in SNMMI outreach efforts, including in virtual education innovations during the pandemic. They were each praised for their “significant contributions to the field of nuclear medicine and molecular imaging.” Awardees included: Daniel Lee, MD (Ochsner Medical Center; New Orleans, LA), for extraordinary leadership as cochair of the SNMMI Therapy Strategic Planning Task Force and president of the SNMMI Therapy Center of Excellence; John Sunderland, PhD (University of Iowa Carver College of Medicine; Iowa City), for outstanding efforts on The Journal of Nuclear Medicine dosimetry supplement (J Nucl Med. 2021;62[suppl 3]); Phillip Koo, MD (Banner MD Anderson Cancer Center; Gilbert, AZ), for extraordinary service as cochair of the SNMMI Theranostics Symposia and chair of the SNMMI Quality Committee; Bonnie Clarke for outstanding service as Senior Director of Research and Discovery and Quality at SNMMI; Arman Rahimim, PhD (University of British Columbia; Vancouver, Canada), and Ronald Boellaard, PhD (VU University Medical Center; Amsterdam, The Netherlands), for their service as cochairs of the SNMMI Artificial Intelligence Task Force; Pat Zanzonico, PhD (Memorial Sloan Kettering Cancer Center; New York, NY), for extraordinary service as cochair of the SNMMI Dosimetry Task Force; and George Sgouros, PhD (Johns Hopkins Medicine; Baltimore, MD), for outstanding service as cochair of the SNMMI Dosimetry Task Force. Harvey Ziessman, MD, received the SNMMI Presidential Distinguished Educator Award, which recognizes SNMMI members who have demonstrated outstanding service and dedication to the field of nuclear medicine through their educational efforts. He was commended for his commitment to global education and training of nuclear medicine professionals, from residents to senior leaders.

International Best Abstract Award Winners

In recognition of the increasing representation of physicists, scientists, and others from the global community at its Annual Meeting, SNMMI created the International Best Abstract Awards, given to the highest scoring accepted abstracts from each country. For 2022, the awardees included:

Australia: Jackson et al., “Real-world lesion and renal dosimetry for peptide receptor radionuclide therapy (PRRT)”; Austria: Beheshiti et al., “Predictive value and accuracy of PET dosimetry response criteria for immunotherapy in patients with advanced melanoma”; Azerbaijan: Novruzov et al., “Head to head comparison of $^{68}$Ga-FAPI-46 PET/CT and $^{18}$F-FDG PET/CT in breast carcinoma staging: A clinical trial update from Azerbaijan”; Belgium: D’Huyvetter et al., “Preclinical endoradiotherapy using a radiolabeled single-domain antibody targeting fibroblast activation protein”; Brazil: Minozzo et al., “Radionuclides used in nuclear therapeutic medicine: A brief history, properties and main relevant studies of radionuclides with mass number less than 100”; Canada: Lin et al., “Effects of replacing Glu in the PSMA-targeting Lys-urea-Glu pharmacophore of $^{68}$Ga-HTK03041 with a close derivative on the uptake of tumor xenograft, kidneys and salivary glands”; China: Song et al., “Non-invasive visualization of liver fibrosis with gallium-68-labeled fibroblast activation protein inhibitor”; Denmark: Carlsen et al., “Prospective phase II trial of prognostication by $^{68}$Ga-NODAGA-Ec[RGDyK]2 PET/CT for integrin alpha v beta 3 imaging in patients with neuroendocrine neoplasms”; Egypt: Nasr et al., “The value of $^{18}$F-FDG PET/CT in detection of osteomyelitis in patients with stage IV pressure ulcers”; France: Gauthé et al., “Phase III study of $^{18}$F-PSMA-1007 versus $^{18}$F-fluorocholine PET to compare the detection rate of prostate cancer lesions in patients with biochemical recurrence after previous definitive treatment for localized prostate cancer”; Herrmann et al., “Multi-cycle dosimetry of $^{177}$Lu-PSMA-617 for the treatment of metastatic castration-resistant prostate cancer: results from the VISION trial sub-study”; Koutsikos et al., “The role of lymphoscintigraphy in breast cancer recurrence”; Hong Kong:...

In addition, the Education and Research Foundation for Nuclear Medicine and Molecular Imaging/SNMMI this year presented a Best COVID-19 (Physician/Scientist) Award to Khandekwal et al. (Lucknow, India) for “A prospective study to investigate the implementation of semiquantitative inflammatory load in post-COVID-19 lung disease (PCLD) to stratification” and a Best COVID-19 (Technologist) Award to Vyas et al. (Auckland, New Zealand) for “A model for remote installation of radiochemistry synthesiser; Trasiss—AllInOne: One step forward to beat Covid-19 pandemic.”

Award-Winning Posters

More than 800 posters were on display in the Exhibit Hall at the SNMMI Annual Meeting in Vancouver, with multiple ask-the-author sessions and point-of-display discussions. Winning posters and e-posters were selected from the top 10 candidates in each scientific track, based on visual appearance/quality, content, and original scientific contribution.
Posters are available on the website of The Journal of Nuclear Medicine at: https://jnm.snmjournals.org/content/snmmi-annual-meeting-abstracts. Poster awardees included:

Cardiovascular Track: First place, Diekmann et al., “Cardiac molecular PET-imaging of fibroblast activation in patients with aortic stenosis undergoing transcatheter aortic valve implantation (TAVI)”; second place, Thorn et al., “Early cardiac gated blood pool imaging with “hotspot” agent provides simultaneous assessment of left ventricular function in an ischemia-reperfusion model”; and third place, Miller et al., “Development and external validation of ischemia risk scores.”

Educational Track: First place, Suthar et al., “18F-FDG PET/CT imaging features of parotid lesions: Case based pictorial review and its multi-modality correlation”; second place, Schroeder et al., “Cue up the video: Visual learning for efficient orientation of trainees to their nuclear medicine rotations”; and third place, Ali et al. “Renal scintigraphy following kidney transplantation: ATN, rejection, and more.”

General Clinical Specialties Track: First place, Bini et al., “Liver and brain levels of 11β-hydroxysteroid dehydrogenase type 1 enzyme in obesity: Preliminary results from PET imaging studies”; Paravastu et al., “Quantitative analysis of 18F-NaF-PET/CT imaging: Evaluation of denosumab treatment in fibrous dysplasia”; and third place, Lawrence et al., “99mTc-macroaggregated albumin (MAA) stability when used in the SNMMI Procedure Guideline for Adult Solid-Meal Gastric-Emptying Scintigraphy.”


Oncology: Clinical Therapy and Diagnosis Track: First place, Nabavizadeh et al., “18F-fluciclovine PET and multiparametric MRI to distinguish pseudoprogression from tumor progression in post-treatment glioblastoma”; second place, Hotta et al., “Outcome of patients with PSMA-PET/CT screen failure by VISION criteria and treated with 177Lu-PSMA therapy: A multicenter retrospective analysis”; and third place, Hotta et al., “PSMA PET tumor-to-salivary glands ratio (PSG score) to predict response to Lu-177 PSMA radioligand therapy: An international multicenter retrospective study.”

Physics, Instrumentation, and Data Sciences Track: First place, Woolley et al., “Development of a dynamic lung phantom for use in lung ventilation studies”; second place, Cai et al., “An ultrahigh energy resolution SPECT system for quantitative hyperspectral imaging of targeted alpha therapy”; and third place, Pan et al., “Data-driven gated (DDG) CT: An automated respiratory gating method to enable DDG PET/CT.”