



High Country
**Nuclear
Medicine**
Conference

All session times are in Mountain Time

Session Days and Time are Provisional

Saturday, March 1, 2025

6:30 AM – 7:00 AM

Breakfast with the Vendors

7:00 AM – 9:30 AM

Session Name: Digital (modeling and ai) - Instrumentation, AI and Data Analysis in Nuclear

Session Chair: Hans Vija

Co-Chair: Nicolas Karakatsanis, PhD

Presentations:

Topic 1: Ultra-performance total-body PET multi-parametric imaging to monitor human physiology and diseases

Speaker: Nicolas A Karakatsanis, PhD

Topic 2: Multi-modality Synergistic Imaging in Nuclear Medicine

Speaker: Andreas Kjaer, MD, PhD

Topic 3: Quantitative PET and SPECT Image Reconstruction powered by Artificial Intelligence

Speaker: Chi Liu, PhD

Topic 4: The advent of Digital Twins and Personalized Radiation Therapy with Dosimetry

Speaker: Arman Rahmim, PhD

Topic 5: Data Utilization for Nuclear Medicine Theranostics and Necessity for Standardization

Speaker: Julia Brosch-Lenz, PhD

Topic 6: Round-Table Discussion with Q&A

Speakers: All session moderators and speakers

1:00 PM – 3:00 PM

Roundtable: Open Discussion: Prostate & Neuroendocrine

Lead: Michael Graham

4:00 PM – 7:30 PM

Session Name: Cardiology

Session Chair: Piotr Slmoka

Co-Chair: Panithaya Chareonthaitawee, MD

Presentations:

Topic 1: Carving New Trails in Cardiac PET: The Evolving Landscape of SPECT and PET MPI

Speaker: Mouaz al-Mallah, MD

Topic 2: Slopes Ahead: Are We Ready for Flurpiridaz and Other New PET Perfusion Tracers?

Speaker: Jamieson Burke

Topic 3: Fresh Powder in PET MBF: What's New on the Horizon?

Speaker: Panithaya Chareonthaitawee, MD

Topic 4: Shredding the Data: AI Insights from PET/CT Attenuation Maps

Speaker: Piotr Slomka, PhD

Topic 5: Hitting the Slopes with New PET Tracers for Amyloid Imaging

Speaker: Sarah Cuddy, MD

Sunday, March 2, 2025

All session times are in Mountain Time

6:30 AM – 7:00 AM

Breakfast with the Vendors

7:00 AM – 9:30 AM

Session Name: Pediatric Session

Session Chair: Helen Nadel, MD

Co-Chair: Alan Packard

Presentations: Latest Developments in Pediatric Nuclear Medicine – Imaging & Therapy

Topic 1: Monitoring Pediatric Patients with Cancer Predisposition Syndromes with PET

Speaker: Helen Nadel, MD

Topic 2: Why are PET and SPECT images essential for pediatric epilepsy evaluation?

Speaker: Maria Rosana Ponisio

Topic 3: New Therapeutic Options for Recurrent Neuroblastoma, from small molecules to antibodies

Speaker: Alan Packard

Topic 4: Early experience with EFOV PET CT in a pediatric oncology population

Speaker: Barry Shulkin, MD

Topic 5: Imaging features of neuroimmunity in autism spectrum disorder with PET-MRI

Speaker: Nicole Zurcher, PhD

1:00 PM – 3:00 PM

Roundtable: SIRT

Lead: Michael Wissmeyer

4:30 PM – 6:00 PM

Hal O'Brien Rising Star Session

Session Chair: Piotr Slomka

Co-Chair: Peter Conti

Title:

Topic 1: Coronary microvascular function and systemic inflammatory disorders: A novel marker of risk

Speaker: Brittany Weber, PhD

Topic 2: Advancing Radiopharmaceutical Therapies for Equitable Patient Care

Speaker: Carlos Uribe, PhD

6:00 PM – 7:00 PM

Past President's Session - Lessons Learned, Perspectives on Future

Moderator: Alan Packard

Past Presidents:

Helen Nadel, MD

Peter Conti

Michael Graham

Alan Packard

Richard Wahl, MD, PhD

Cathy Cutler

Satoshi Minoshima

Top Reasons to attend (topics specific):

- 1. Where the Society was vs Where it is going?**
- 2. Where is the future in nuclear medicine?**
- 3. How to become the next SNMMI President**
- 4. Where are we getting the next generation of Nuclear Medicine Practitioners**

7:00 PM – 9:00 PM

Sunday Night Dinner & Hal O'Brien Rising Star Award Ceremony

Open to all in-person attendees with meeting registration. Additional tickets available for guests.

Monday, March 3, 2025

All session times are in Mountain Time

6:30 AM – 7:00 AM

Breakfast with the Vendors

7:00 AM – 9:30 AM

Session Name: Regulatory

Session Chair: Ira Goldman

Co-Chair: Cathy Cutler

Presentations:

Topic 1: SNMMI Government Affairs Activities

Speaker: Cathy Cutler

Topic 2: AI Landscape – From Approval to Reimbursement

Speaker: Munir Ghesani

Topic 3: TBD

Speaker: Chris Ignace

Topic 4: NRC Rulemaking and Guidance related to Nuclear Medicine

Speaker: Daniel Shaw

1:00 PM – 3:00 PM

Roundtable: Cognitive impairment: Nuclear Medicine in the Patient journey

Lead: Maria Rosana Ponisio

4:00 PM – 7:30 PM

Session Name: Theranostic including Alpha trials #1 (cutting edge focus / radiobiology)

Session Chair: Andreas Kjaer, MD, PhD

Co-Chair: Richard Wahl, MD, PhD

Presentations:

Topic 1: Radiobiology of alpha and beta emitters: do we understand it?

Speaker: Edward O'Neill, PhD

Topic 2: Which alpha emitter to pick: pros and cons beyond availability

Speaker: Andreas Kjaer, MD, PhD

Topic 3: Dosimetry in drug development and patient management

Speaker: Stephen A Graves, PhD

Topic 4: Radiolabeled monoclonal antibodies as theranostics revisited

Speaker: Richard Wahl, MD, PhD

Topic 5: Pretargeting for radiotheranostics

Speaker: Andreas Kjaer, MD, PhD

Tuesday, March 4, 2025

All session times are in Mountain Time

6:30 AM – 7:00 AM

Breakfast with the Vendors

7:00 AM – 9:30 AM

Session Name: Theranostics #2 (clinical trial focus)

Session Chair: Richard Wahl, MD, PhD

Co-Chair: Andreas Kjaer, MD, PhD

Presentations:

Topic 1: Will We Have Sufficient Alpha and Beta Therapeutic Radionuclides to Meet Demand?

Speaker: Roy Brown

Topic 2: Targeted Alpha Therapy (TAT) in SSTR expressing neuroendocrine tumors with Pb-212-DOTAMTATE (AlphaMedix™), in PRRT naïve and progressed settings- The latest Phase II results

Speaker: Ebrahim Delpassand, MD

Topic 3: Initial Clinical Experience with Pb212 VMT alpha NET in patients with Neuroendocrine Tumors: Feasibility, Toxicity, and early Clinical Results

Speaker: Vikas Prasad, PhD

Topic 4: A phase 1 study of JNJ-69086420 (JNJ-6420), an actinium-225 (225Ac) -labeled antibody targeting human kallikrein 2 (hK2), for metastatic castration-resistant prostate cancer (mCRPC) presented at ASCO last spring.

Speaker: Won Kim

Topic 5: Panel Discussion

1:00 PM – 3:00 PM

Roundtable: Dosimetry & post treatment spect

Lead: Michael Graham, MD, PhD and Richard Wahl, MD, PhD

4:00 PM – 7:30 PM

Session Names: Neurology

Session Chair: Andrew Stephens

Co-Chair: Neil Vasdev

Presentations:

Topic 1: Revised Criteria for Diagnosis and Staging and their clinical implications

Speaker: Mary Ellen Koran, MD, PhD

Topic 2: Tau Positron Emission Tomography for Predicting Dementia in Individuals With Mild Cognitive Impairment

Speaker: Renaud La Joie, PhD

Topic 3: Recent Progress for Imaging Traumatic Brain Injuries

Speaker: Carmela Tartaglia, MD

Topic 4: AD: one year after disease modification therapy and its reimbursement

Speaker: Ana Franceschi, MD, PhD

Topic 5: Dominantly Inherited Alzheimer's Disease

Speaker: Tammy Benzinger, MD, PhD

Topic 6: PET imaging in non-AD neurodegeneration

Speaker: Maura Malpetti, PhD