

## SNMMI BIC Spring 2016 Newsletter

Dear Members of the Brain Imaging Council,

With this newsletter we would like to give you an overview on recent and future activities of the SNMMI BIC Board of Directors (BOD) and other activities of potential interest to the nuclear brain imaging community.

### ***(1) 2015 SNMMI Annual Meeting in Baltimore, MD***

Like previous meetings, brain imaging was one of the main topics of the 2015 annual SNMMI meeting. The BIC BOD successfully organized 4 continuing education sessions and categorical seminars entitled: “Molecular Imaging of Dementia – beyond Amyloid PET”; “Molecular Brain Imaging of Dementia”; “Dopamine Transporter Imaging DaT – Read with the experts”, and “PET and SPECT Neuro-Oncology and Epilepsy”, which were all well-received.

The 2015 BIC Kuhl-Lassen Award, which honors two founding pioneers in functional brain imaging, Dr. David E. Kuhl and Dr. Nils Lassen, was given to Dr. John Seibyl for his achievements in PET/SPECT research on (preclinical) neuropsychiatric disorders, including Parkinson’s disease and Alzheimer’s disease (see picture).

We would like to thank all who contributed in making that meeting a great success for the nuclear brain imaging community.



*Picture: The 2015 BIC Kuhl-Lassen Award Winner Dr. John Seibyl receives the Award from Dr. David Djang*

### ***(2) 2016 SNMMI Mid-Winter Meeting in Orlando, FL***

Like previous meetings, there was again a strong focus on education. The BIC BOD organized a session on “Practical Amyloid Imaging Interpretation: Getting ready for IDEAS”, which received outstanding feedback. Dr. Bohnen gave an excellent lecture on the role of amyloid imaging in the assessment of patients with dementia or cognitive changes. Dr. Barthel explained the technical details and practical approaches to the interpretation of amyloid PET scans. Finally, Dr. Minoshima performed a thorough review of the “IDEAS concept”. In addition, all three speakers presented relevant cases.

### **(3) Amyloid imaging procedure guidelines**

Together with the EANM, the SNMMI is currently almost ready to publish the first procedure guidelines for amyloid imaging. This is a consequence of the approval of three respective amyloid tracers. The BIC BOD is actively involved in this activity, which takes place in exciting times for the nuclear brain imaging community. These guidelines will hopefully be able to soon support the generation of high-quality amyloid imaging diagnoses.

### **(4) Brain tumor imaging procedure guidelines**

Together with the EANM, RANO and EANO, the SNMMI started to develop the first procedure guidelines for brain tumor imaging.

### **(5) Brain CME Cases**

The SNMMI BIC BOD has prepared interesting nuclear brain imaging cases, which are now placed on the BIC homepage and available for CME/SAM purposes. BIC members are encouraged to contribute to this activity with their own cases (please, get in direct contact for that purpose with the authors of this newsletter).

### **(6) 2016 SNMMI Annual Meeting in San Diego, CA (June 11-15)**

This year, the BIC BOD will organize a number of CE/categorical sessions, such as: "Molecular Brain Imaging Primer: Theories for Simpler Practice", "Advances in Imaging Neuroinflammation", "Brain PET/MRI – Opportunities and Challenges", "Dementia PET and SPECT: Read with the experts", "Dopamine Transporter Imaging- Read with the experts", "IDEAS and AMYPAD: validating the Clinical Utility of Brain Amyloid PET", and "Tau Imaging in Neurology" (in collaboration with the Japanese Society of Nuclear Medicine). We will also, as in previous years, honor an outstanding scientist with the Kuhl-Lassen Award. Other CE and scientific sessions will also include new developments in brain PET and SPECT imaging. The BIC BOD is very much looking forward to this meeting and hopes for an inspiring time in San Diego. Please visit the [Annual Meeting](#) web page for more information and to register.

### **(7) Pro domo**

The BIC BOD always welcomes new BIC members. A BIC membership offers a number of interesting possibilities to co-determine the future of nuclear brain imaging, and for self-education. We are convinced that a strong and networked brain imaging community is imperative to further advance our field. Feel free to motivate your nuclear brain imaging coworkers, or collaboration partners, to consider joining our endeavor! Please visit the [Brain Imaging Council](#) website for more information and to join!

*Henryk Barthel, BIC President (Leipzig, Germany) and Jan Booij, BIC Vice President (Amsterdam, The Netherlands)*