

WMIC 2014 Annual Meeting Highlight

The Chinese Society for Molecular Imaging (CSMI) and the Chinese American Society of Nuclear Medicine and Molecular Imaging (CASNMMI) successfully organized China Night in Seoul, Korea on September 18 at Hotel Oakwood, very next to the COEX Convention Center. About 40 participants gathered on the 5th floor of the hotel for a buffet dinner, with lots of beer and liquor. Dr. Guangming Lu, the Vice-President of CSMI delivered a short speech and gave a toast. This is the second time that we organized the China Night event at WMIC annual meeting after a successful gathering last September in Savannah, GA. Next Year's WMIC annual meeting will be held in Honolulu, Hawaii (September 2-5, 2015). CASNMMI and CSMI would like to continue this tradition and have a China Night then. Hope to see both old friends and new attendees then.



We would like to thank the Korean Institute of Science and Technology (KIST), the Cold Spring Biotech Corp., and the United Well Technologies (China) Limited for their generous support. With their sponsorship, each participant only had to pay a minimal fee to enjoy otherwise rather expensive venue. Special thanks go to Dr. Young-Hwa Kim from the Korean National Institute of Health (KNIH), who speaks Korean, Chinese and English to help coordinate the event.



Some other highlights from WMIC 2014 meeting involving Chinese speaking scientists/physicians:

WMIC 2014 Poster Awards

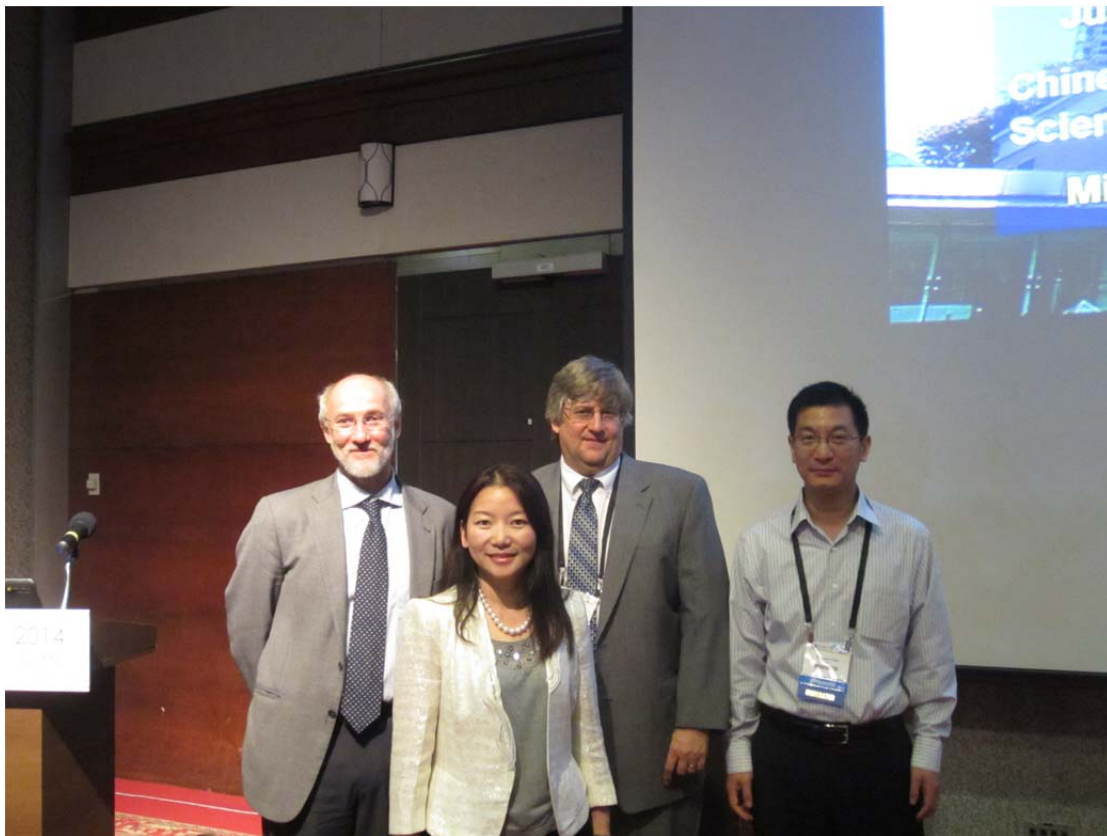
Zhihang Chen, United States

PSMA-Specific Theranostic Nanoplexes for Prostate Cancer Gene Therapy
Chemistry & Imaging Probes, Optical Imaging

Wei Zhang, China

SUVmax of Peritoneal Carcinomatosis may Predict Prognosis of Patients with Recurrent Ovarian Cancer after Initial Treatment
First-in-Human & Clinical Studies, Oncology

Dr. Xiaoyuan (Shawn) Chen served as WMIC Cardiology Category Chair with emphasis on preclinical in vivo studies. He also organized the spotlight session: “Getting to the Heart of Molecular Imaging: Spotlight on Cardiology”, which focused on the recent advances of molecular imaging for diagnosing cardiovascular disease and understand cardiology at molecular and cell-level detail. Dr. Feng Cao from the Department of Cardiology, Chinese PLA General Hospital was one of the three speakers along with Dr. Al Sinusas from Yale University and Dr. Karlheinz Peter from Baker IDI Heart & Diabetes Institute (Melbourne, Australia).

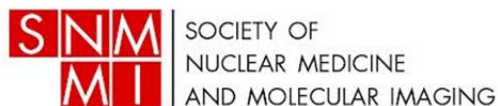


Highlight of Scientific Achievements of CASNMMI Members

The following highlights were provided by CASNMMI members for their recent achievements with minimal editing. I am sure that much more happened but we may not know and thus not able to highlight your achievements here. We are counting on you to provide news items that are related to the Chinese scientists/physicians. We would like to have the whole community share the joy and congratulate the achievements.

From the Weibo Cai Group at the University of Wisconsin - Madison (<http://mi.wisc.edu/>):

- Prof. Cai was invited to Serve on the SNMMI Committee on Awards (<http://www.snmmi.org/AboutSNMMI/CommitteeContent.aspx?ItemNumber=4197&navItemNumber=763>) and Committee on Young Professionals (<http://www.snmmi.org/AboutSNMMI/CommitteeContent.aspx?ItemNumber=4423&navItemNumber=763>).



- Hao Hong, First Postdoc of the Cai Group, Started as an Assistant Professor of Radiology at the University of Michigan - Ann Arbor on October 1st, 2014 (<http://www.med.umich.edu/cmi/faculty.html>).

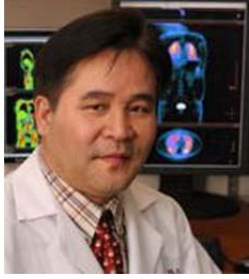
**nature
nanotechnology**

- Collaborative Research with the Lovell Lab at SUNY Buffalo (<http://www.acsu.buffalo.edu/~jflorell/index.html>) on Photoacoustic and Positron Emission Tomography Imaging was Published in Nature

Nanotechnology (<http://www.nature.com/nnano/journal/v9/n8/full/nnano.2014.130.html>), which was highlighted by Science Translational Medicine, Chemical & Engineering News, and Many Other Media.

- A Review Article entitled “New radiotracers for imaging of vascular targets in angiogenesis-related diseases” was published in Advanced Drug Delivery Reviews.





Dr. Yonglin Pu, Associate Professor of Radiology, University of Chicago

<https://www.radiology.uchicago.edu/directory/yonglin-pu>

In collaboration with Dr. Ping Chen at the first affiliated hospital of Guangzhou Medical University, Dr. Pu received a NCI/NIH R21 grant (funding period: 09/2014 – 08/2016). The title of the project is “Developing a PET Volumetric Staging System for NSCLC: a Complement to TNM Staging”.

Abstract of the project: in the project, we propose to develop a PET/CT-based volumetric prognostic (PVP) staging system that combines MTB measurements and the current TNM staging system for better prognostication in NSCLC. We propose two specific aims: (1) develop a new PVP staging system for NSCLC by developing two different competing mathematical models, and (2) validate the novel PVP staging system with three different datasets of patients from three different institutions. Our long-term objective is to synergize the prognostic value of the current TNM staging system and volumetric MTB measurement. The public health significance is expected in the following three areas: 1) to improve patient treatment selection in NSCLC by providing more accurate tumor stage assessment and risk stratification, 2) to assist clinicians and patients by providing more accurate prognostic assessment, and 3) to help better define patient selection criteria in clinical trials.



Dr. Shuren Li I would like to bring to our attention the next International Conference on Radiopharmaceutical Therapy (ICRT), which is being expertly organized by Prof. Irene Virgolini and her organizing committee, and is scheduled to be held in Innsbruck, Austria from 4th to 8th of May 2015. There will be an exciting week of lectures and presentations which embodies the mission to propagate research and education in therapeutic nuclear medicine and also to share the knowledge pool with participants from all over the world (<http://warmth.org/icrt>).

Dr. Li suggested that the ICRT meeting may be held in about 3 or 4 years in China. Therefore there is a need for Chinese attendees at the congress and submit proposal for bidding future meeting location in China.



Dr. Yueqing Gu from the China Pharmaceutical University just established a new school, namely School of Engineering. The school is composed of four engineering related disciplines, including Biomedical Engineering, Pharmaceutical Engineering, Food and Drug quality and Safety, Environmental Engineering.

Job Advertisement

Multiple openings on PET instrumentation Shenzhen Institutes of Advanced Technology Chinese Academy of Sciences

The Paul C. Lauterbur Research Center for Biomedical Imaging, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences has several openings ranging from associate professor to post-doctoral level to work on PET detector, PET electronics, PET reconstruction and PET scanner development. Position will be offered based on individual's research experience. Applicants must have obtained (or will soon obtain) a Ph.D. degree in biomedical engineering, nuclear physics, nuclear electronics or a related field.

Interested individuals should send a CV and letter of interest to Dr. Yongfeng Yang (yf.yang@siat.ac.cn).

The Paul C. Lauterbur Research Center for Biomedical Imaging (named after the latest Nobel Laureate Dr. Paul C. Lauterbur, the inventor of Magnetic Resonance Imaging) is devoted to the establishment of a world-class research infrastructure to enable interdisciplinary research in applied physics, engineering, computational science and biology for the development and application of next generation of biomedical imaging systems. The mission of the center is to bring together imaging scientists with diverse background and broad expertise in an integrated program that develops and applies imaging technology to solve healthcare problems and advance knowledge in the biological sciences. The researches of the center include the following main areas: MRI, PET, CT, and Ultrasound.

Shenzhen is a major city in the south of Southern China's Guangdong Province, situated immediately north of Hong Kong.

Multiple Postdoctoral Positions at the Laboratory of Molecular Imaging and Nanomedicine (LOMIN)

The research program in the **Laboratory of Molecular Imaging and Nanomedicine (LOMIN)** at the National Institute of Biomedical Imaging and Bioengineering (NIBIB) emphasizes the development of molecular imaging tools for better understanding of biology, early diagnosis of disease, monitoring therapy response, and guiding drug discovery/development. LOMIN places special emphasis on high-sensitivity nanosensors for biomarker detection and theranostic nanomedicine for imaging, gene and drug delivery, and monitoring of treatment.

We are constantly seeking highly motivated recent graduates as postdoctoral fellows with expertise in one or more of the following:

1. Peptide and oligonucleotide synthesis
2. Protein and antibody engineering
3. Cellular and molecular biology
4. Nanoparticles for drug and gene delivery
5. Bioconjugation chemistry (with organic synthesis background)
6. PET radiochemistry (especially methodology development)
7. Nanosensors for biomarker detection (including point-of-care diagnostics)
8. Proteomics at nano-biointerface
9. Small animal handling and multimodality imaging
10. Image quantification and biomedical engineering
11. Smart nanomaterials as theranostics (diagnostics, imaging, and therapy)
12. Translational research (CMC, pharmacology, GLP toxicity, and IND compiling)

If you are interested, please send a letter of application, curriculum vitae, and names of three references to Dr. Xiaoyuan (Shawn) Chen at shawn.chen@nih.gov. All qualified candidates are encouraged to apply; US citizens and permanent residents will be given priority. Due to the high number of applications, only those with matching qualifications will be contacted.

Join Today and Become a CASNMMI Member!

The CASNMMI encourages all professionals with interest in nuclear medicine and/or molecular imaging to consider being members, as your input is needed to help promote and develop the many aspects of the society.

Why do you want to become a CASNMMI member:

- CASNMMI offers you growth and continuing education that you won't find anywhere else, along with the resources and connections especially, in the Chinese community, to help your career flourish in the imaging community.
- Receive current news about the field of nuclear medicine and molecular imaging and updates on activities of CASNMMI.
- Career assistance: Free of charge to post your job openings and situations wanted onto CASNMMI website, post your resume and sign up for job alerts.
- Get access to scholarship and awards for researchers, students and graduate students (Lifetime achievement award, Young Scientist Award, etc).
- Free entrance to dinner or lunch during annual CASNMMI meeting.
- Leadership and Advocacy: Get involved with your peers through the professional networking and educational programs provided by CASNMMI.
- And many more...

CASNMMI's Membership Year runs from July 1 – June 30 each year. The annual membership fee is \$50 or 300 RMB (free for trainees).

We pledge your support of our own society and increase your visibility! Make sure our society members remember and promote your company's products and services.

If you are interested in sponsoring the 2015 CASNMMI annual meeting in Baltimore and/or setting up awards for Chinese scientists/physicians in the fields of nuclear medicine and/or molecular imaging, please fill out the sponsorship application form at the end of this newsletter.

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Future Nuclear Medicine and Molecular Imaging Meetings

2014 MRS Fall Meeting & Exhibit
November 30 - December 5, 2014
Boston, Massachusetts

SNMMI 2015 Mid-Winter Meeting
January 22 – January 25, 2015
San Antonio, Texas

AACR-SNMMI Joint Conference
State-of-the-art: Molecular Imaging in Cancer Biology and Therapy
February 11-14, 2015
San Diego, CA

The 3rd Theranostics World Congress (3TWC)
March 12-14, 2015
Johns Hopkins University

21st International Symposium on Radiopharmaceutical Sciences (ISRS2015)
May 26-31, 2015 ([Abstract deadline: December 15, 2014](#))
University of Missouri
Columbia, Missouri

2015 SNMMI Annual Meeting
June 6-10, 2015 ([Abstract deadline: January 12, 2015](#))
Baltimore, Maryland

2015 WMIC Annual Meeting
September 2-5, 2015
Honolulu, Hawaii

2015 EANM Annual Meeting
October 10-14, 2015
Hamburg, Germany

Pacifichem 2015
December 15-20, 2015
Honolulu, Hawaii

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Newsletter Editor:

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CASNMMI Membership Application Form

(Items marked with * are required information Please fill in and email it back to chen9647@gmail.com together with membership dues by a check in US dollars payable to the Chinese American Society of Nuclear Medicine and Molecular Imaging (CASNMMI) mailed to Xiaoyuan Chen, PhD at 10901 Lamplighter Lane, Potomac, MD 20854, USA.)

*Last Name: _____ *First Name: _____ *Middle Initial: _____

*Chinese Name: _____

Gender (please type "M" for male and "F" for female): _____

Highest Degree(s): _____

US SNMMI or WMIC Full Member ("Yes" or "No"): _____ If yes, membership #: _____

Affiliation: _____

Title: _____

*Address (Type in "OA" for office address and "HA" for home address): _____

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Country: _____

*Office Phone #: _____ Cell Phone #: _____

*E-mail: _____

Website Link: _____

*Membership Category (please type in only one category as LFM, FM, LAM, AM, TM):

Lifetime¹ Full² Member (LFM): \$50

Full² Member (FM): \$50

Lifetime¹ Associate³ Member (LAM): \$50

Associate³ Member (AM): \$50

Trainee⁴ Member (TM): \$0

¹Lifetime membership is only applied to anyone who has previously designated as a lifetime member of CASNMMI.

²Full membership is entitled to have free entrance to dinner or lunch during annual CASNMMI meeting.

³Associate membership applies to those who are not members of the Society of Nuclear Medicine and Molecular Imaging (SNMMI) or the World Molecular Imaging Congress (WMIC) is also entitled to have free entrance to dinner or lunch during annual CASNMMI meeting.

⁴Trainee membership is granted pending on the supply of a status verification letter signed by the program director. Trainee membership is entitled to have free entrance to annual CASNMMI meeting but will need to pay nominal fees for dinner or lunch during annual CASNMMI meeting.

Chinese American Society of Nuclear Medicine and Molecular Imaging CASNMMI)

2015 Annual Meeting (Baltimore, MD)

Sponsorship Agreement

Please complete the information below and return to CASNMMI.

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Mail or email to:

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10901 Lamplighter Lane
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Email: chen9647@gmail.com

For payment online:

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Account number: 446009684117

Routing number: 052001633 (paper & electronic) 026009593 (wires)

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