

## **NEWSLETTER**

**Issue September, 2019**

## CASNMMI ANNUAL MEETING HIGHLIGHTS

Prof. Chun Li  
The University of Texas MD Anderson Cancer  
Center

The much anticipated CASNMMI annual meeting was successfully hold on June 24, 2019 during the Society of Nuclear Medicine and Molecular Imaging Conference at Anaheim, California, USA. Some of the memorable events from this meeting are highlighted below.

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### Lifetime Achievement Awards

CASNMMI's prestigious Lifetime Achievement Award recognizes individuals in the Chinese-American community who have made fundamental contributions and accomplishments in the field of nuclear medicine and molecular imaging. In addition to excellence in academic research, CASNMMI recognizes physicians, scientists and researchers with distinguished career as a pioneer, an educator, a mentor, and a promotor of scientific exchange between American and Chinese practitioners. This

year, we are proud to present the Lifetime Achievement Award to two distinguished physician scientists from China:

**Prof. Xiaohai Jin (金小海先生)** and **Professor Xiujie Liu (刘秀杰先生)**.

Prof. Xiaohai Jin was Director of the Institute of Isotopes, China Institute of Atomic Energy, Beijing. Professor Xiujie Liu was Chairman, Department of Nuclear Medicine, Fuwai Hospital, Peking Union Medical College, Beijing. Both Professor Jin and Professor Liu have made tremendous contribution to the development of Nuclear Medicine as a field in China. According to Professor Zhi Yang (杨志, Peking University Cancer Hospital; President, Chinese Society of Radiopharmaceuticals), Professor Xiaohai Jin is one of the pioneers in nuclear medicine and has mentored more than 100 first-tier researchers and physicians. He is also instrumental in translating new technologies into the clinic. Professor Xiaoli Zhang (张晓丽, Anzhen Hospital) introduced Professor Xiujie Liu's many achievements. Among them, Professor Liu is the founder of China's

nuclear cardiology. He is responsible for the introduction of  $^{99m}\text{Tc}$ -MIBI, and the development of China's first home-made Gamma cardiac function test instrument in 1980's in China.

### Young Investigator Award (YIA)

Each year, CASNMMI give away a total of 6 YIA awards: 1 1<sup>st</sup> prize award, 2 2<sup>nd</sup> prize awards, and 3 3<sup>rd</sup> prize awards. The winners are selected with the principle of transparency and fairness. The awards were primarily selected on the basis of scientific merits. Other factors such as geographical location, a balance between basic versus clinical research etc. are also considered. The final scores given by each and every member are tallied and ranked to determine the winners. This year the winners are:

#### 1<sup>st</sup> Prize: Yang, Zhen

Houston Methodist Research Institute  
Develop picomole-affinity VEGFR-PET probe for targeting tumor angiogenesis.

Mentor: Prof. Zhen Li

#### 2<sup>nd</sup> Prize: Chen, Haotian

West China Hospital, Sichuan University

Assessment of a novel  $^{18}\text{F}$ -labeled myocardial PET tracer in normal and ischemic models of rats

Mentor: Chengzhong Fan

#### 2<sup>nd</sup> Prize: Cao, Jianbo

University of Pennsylvania/Xiamen University

$^{18}\text{F}$ Fluciclovine PET tracks cellular glutamine pool size in breast cancer and changes in response to metabolic inhibition

Mentors: Prof. David Mankoff and Prof. Rong Zhou

#### 3<sup>rd</sup> Prize: Guo, Xiaoyi

Peking University Cancer Hospital & Institute  
A Pilot Study of  $^{68}\text{Ga}$ -MZH2 affibody in HER2-positive gastric cancer patients

Mentor: Prof. Zhi Yang

#### 3<sup>rd</sup> Prize: Yu, Yanbo

Washington University School of Medicine  
Development of a Carbon-11 PET radiotracer for imaging TRPC5 in the brain

Mentor: Prof. Zhude Tu

#### 3<sup>rd</sup> Prize: Zang, Jie

Peking Union Medical College Hospital

Safety and response to <sup>177</sup>Lu-EB-PSMA treatment in patients with metastatic castration-resistant prostate cancer

Mentor: Xiaoyuan Chen

Please join us in congratulating all YIA winners for their excellent work and in wishing them the best of success in their pursue of scientific excellency.

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### **Introducing CASNMMI's Newly Elected President –Elect and Chair of the BoD**

Dr. Yubin Miao received his Ph.D. degree in Radiopharmaceutical Chemistry at Beijing Normal University in 1997, under the mentorship of Professor Boli Liu. He then spent three years to carry out postdoctoral research in Professor Thomas P. Quinn's group at the University of Missouri-Columbia. Dr. Miao was a Research Assistant Professor in the Department of Internal Medicine at the University of Missouri-Columbia from 2003 to 2006, Assistant Professor and tenured Associate Professor in the College of Pharmacy at the University of New Mexico from 2006-2014. Dr. Miao joined the Department of Radiology at the University of Colorado Denver in 2015,

where he is a tenured Associate Professor and Director of Radiopharmaceutical Science.

Dr. Miao has served as a member of the BoD of CASNMMI since 2015. We are pleased to have Dr. Miao to lead CASNMMI from 2021-2023. With his dedication, enthusiasm, and experiences, we are sure that CASNMMI will continue to grow to serve the needs of our members.

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### **Sponsorship and Financial Reports**

Treasurer Dr. Wenping Li summarized CASNMMI financial status as of July 9, 2019.

We thank the following sponsors for the generous supports of the following sponsors:

GE Healthcare  
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Dongcheng Pharmaceutical  
Huayi Technology  
IsoSolutions  
Molecular Targeting Technologies, Inc.  
Professor Hank Kong

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## **An Invitation to All for Your Participation**

We look forward to seeing all of you in New Orleans in 2020 during the annual meeting of the Society of Nuclear Medicine and Molecular Imaging.

We also welcome your contributions to our newsletter. If you have any observation, suggestion, idea, or experience during this year's annual SNMMI meeting and your trip to Anaheim, California that you would like to share with our readers, please send your articles to Professor Chun Li ([cli@mdanderson.org](mailto:cli@mdanderson.org)) or Professor Kai Chen ([chenkai@med.usc.edu](mailto:chenkai@med.usc.edu)).

In this issue, we are pleased to share with you an article by Professor Zhu Hua from Peking University Cancer Hospital, who have given a wonderful account of the annual CASNMMI meeting and the dinner event, with a plenty of vivid pictures.

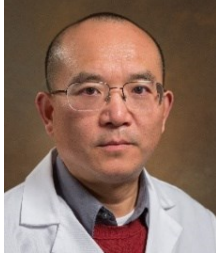
## **About Chinese-American Society of Nuclear Medicine and Molecular Imaging (CASNMMI)**

CASNMMI is a non-profit organization formed by professionals in the field of nuclear medicine and molecular imaging. The society was established in 1977 as the Chinese-American Society of Nuclear Medicine, and has been renamed as Chinese-American Society of Nuclear Medicine and Molecular Imaging since 2013. CASNMMI consists of members from the United States, China, Europe, and other parts of the world. The mission of CASNMMI is to advance scholarship, collaboration, networking opportunities among our members. CASNMMI holds a meeting each year during the annual meeting of the Society of Nuclear Medicine and Molecular Imaging. CASNMMI is governed by the Board of Directors, consisted of President, President-elect, Immediate Past-President, Secretary General, Treasurer, and two non-officer members. Please visit us at <http://www.casnmmi-us.org>.

**Current Acting Members of Board of Directors (BoD)**

**Prof. Chun Li (李春), President**

UT MD Anderson Cancer Center



**Prof. Yubin Miao(苗玉斌), President-Elect and BoD Chair**

University of Colorado School of Medicine



**Dr. Wenping Li (李文萍), Treasurer**

Principle Investigator, Merck Co.



**Prof. Kai Chen(陈凯), Secretary General**

University of Southern California



**Prof. Zhen Cheng(程震), Past-President**

Stanford University



**Prof. Jenny J. Yang, PhD (杨洁), YIA Committee Chair**

Georgia State University



**Dr. Yumin Zhang (张裕民), Immediate past-President**



## CASNMMI 年会 报道

朱华 博士

北京大学肿瘤医院

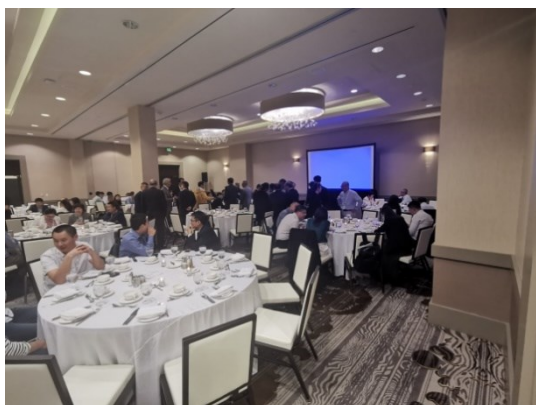
放射性药物分会 秘书长

2019.06

2019年6月24日，一年一度的中美核医学及分子影像学会（Chinese American Society of Nuclear Medicine and Molecular Imaging - CASNMMI）年会于美国洛杉矶-Anaheim 如期召开。中美核医学与分子影像学会每年在美国核医学年会（Society of Nuclear Medicine）期间开一个晚上的“卫星会”，做为自己的年会，即一次晚宴会。这是我第4次参加CASNMMI的晚宴，得益于中美之间日益加深的交流合作，参会本次晚宴会的人数也是每次创下新高。本人非常荣幸，能够和北京肿瘤医院杨志主任团队的几名同学一起作为 volunteer 参与参会人员的现场注册及引座服务。



会议上由 Dr. Kai Chen 致欢迎词。张裕民博士作为 CASNMMI 的主席，主持了本次年会。年会包括颁发终身成就奖、青年杰出研究者奖和中国学者年度学术成就亮点评论。



理事会成员推选出的终身成就奖授予了中国原子能研究院的金小海研究员和协和医学院阜外医院的刘秀杰教授。他们年事已高无力参会，但都委托自己的得力门生来自北京大学肿瘤医院的杨志研究员（放射性药物分会理事长）和安贞医院的张晓丽主任医师代表领奖并代作了学术成就分享报告。杨主任介绍到“金小海研究员从业 50 年，培养的直接高端人才及其团队超过百人，形成国内与国外，研究与应用，技术与管理，等多层面的产学研用的核技术应用领域高端人才体系；为中国在该领域的技术创新领先、产业发展壮大、精英人才培养等方面，做出重要的、不可替代的贡献。”





大学的刘伯里（朱霖教授的导师）院士。从杨志研究员和张晓丽主任的介绍中，我们更多体会了从事核医学分子影像研究的老前辈的卓越成就，激励我辈抓住新时代的伟大机遇，再铸核医学发展新的篇章。



张晓丽主任介绍到“刘秀杰教授作为中国核心脏病学的奠基人，以独特的人格魅力和智慧，高瞻远瞩，在有关部门的领导与支持下，在院内外专家的相互合作、多学科合作方面作出了积极作用与贡献，例如：80年代研发了有中国自主知识产权的钆标记的心肌灌注显像剂  $^{99m}\text{Tc}$ -MIBI，国产 Gamma 心功能仪、心肌负荷药物附子一号碱等，为推动中国核心脏病发展，乃至中华医学核医学分会与国际核医学同行建立密切交流合作方关系，做出了不可磨灭的突出贡献。”

去年的获奖者是北京协和医院的周前先生（张裕民博士导师）和北京师范

颁奖典礼毕后，晚宴正式，本次是极具中国特色的菜品。与极具中国特色的晚宴一样精彩的，还有特邀进行报告的专家。放射性药物分会（CSRS）的理事长，杨志研究员，进行了中国放射性药物研究进展的介绍，CSRS 促进中国核医学放射性药物科学、技术与实践应用同国际接轨，共同致力于该领域的进步与发展。

并期待和中美专家共同努力，推动放射性药物领域发展，造福人类。



而后是张裕民博士进行的传统并经典的项目“Highlights of Achievements by SNMMI in 2019.”，Dr. Zhang 再次以诙谐幽默的语言，向在座各位专家学者介绍了核医学放射性药物研究领域中国学者年度成就亮点评论。Dr. Zhang 也介绍到，事实上，CASNMMI 成立比中华核医学会还早几年，主席任期两年。今年也是他卸任的时候，获得了由新一任 CASNMMI 主席 MD Anderson 肿瘤研究中心 Dr. Chun Li 颁发的“Service of Excellence Award”。



随后是 sponsors presentation, 显而易见，参与到 CASNMMI 晚宴的公司数目增加了，这也代表这个领域发展了。由 Dr. Li Wenping 汇报了年度收支情况。



而后，最受青年学者关注的项目，“Young Investigator Awards”由 Dr. Jenny Yang 宣读，恭喜这些年轻有为的青年学者。



时间飞逝，晚宴接近尾声。现任主席是美国 MD Anderson 癌症中心的中国裔学者李春教授，在对大家取得更大成绩祝贺中，宣布晚宴结束，期待新老朋友的明年再次相会。



遇到了领域里太多的顶级专家、前辈，他们杰出的工作记使我感到深深敬仰。晚宴结束后回到宾馆，我想起李叔同先生的一首诗“上下数千年，一脉延，文明莫与肩。纵横数万里，膏腴地，独享天然利。国是世界最古国，民是亚洲大国民。呜呼，大国民！呜呼，唯我大国民！幸生珍世界，琳琅十倍增声价。我将骑狮越昆仑，驾鹤飞渡太平洋...”我们从中国出发，跨越数万里长达十二个小时的飞行距离，几乎可以从一地出发，走到这颗蓝色行星的任何其它位置。真是在驾鹤飞渡太平洋。细细想来，来自中美的核医学分子影像领域的专家，共同相聚到一起。不仅值得在科学研究领域有所建树，同样也需要深化双方合作，未来疾病诊治的共同目标，促进两个中美两个国家的相互理解、信任和共同发展。