Chinese Pharmacological Society’s 14th National Conference

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Beijing, China
Submitted by Kenneth E. Thummel, PhD

The Chinese Pharmacological Society (CNPHARS) held its 14th National Conference in Beijing, October 22-25, 2016. In attendance as distinguished guests and plenary lecturers were ASPET Past-Presidents Ken Thummel and Sam Enna, who joined four other plenary speakers presenting over the course of the scientific meeting. Lecture topics were diverse and included a critical discussion of limitations in receptor targeted drug development for the treatment of CNS disorders, calcium-dependent neuronal signaling in the brain, discovery of molecular regulators of brain synapses, the role of dopamine signaling in motor cortex learning plasticity, mechanisms of inter-individual differences in metformin PK/PD behavior, and pharmacogenetic discoveries and clinical associations that advance precision medicine for Alaska Native populations.

Much of the meeting was devoted to oral and poster presentations from a growing cadre of talented young CNPHARS scientists. The research presented was cutting edge and had a strong emphasis on the discovery of molecular mechanisms of action of Chinese natural medicines deployed in a variety of experimental disease models, with the hopes that such knowledge might lead to new and improved treatments for the Chinese people and the world. The conference was also distinguished by a special awards ceremony that celebrated 20 years of financial support from Servier for Young Chinese Investigators in Pharmacology. Leadership from Servier and CNPHARS spoke of their enduring partnership and the importance of this program to advance the profession of pharmacology in China. In addition to a presentation of awards to the 2016 winners, there were written and oral testimonials from past award recipients, describing the transformative impact that this honor has had on their careers.