Stem Cells Specialty Section

Spring 2023 Newsletter

Past President's message

Greetings SCSS members,

I want to start with thanking the whole team of the Stem Cell Specialty Section (SCSS) for their hard work through the past year. A special thanks to Diana Neely and Blake Anson who assisted with the 2023 proposal applications. Of course, also a big thanks to all our members who submitted proposals for the SOT Annual Meeting in 2023. I know how much time and effort it takes to develop and submit such proposals.

Besides of being tools for toxicology, more and more studies identify stem and progenitor cells as a target of pollutants, contaminants, and toxicants. Therefore, it is important to promote research in and to raise awareness of stem cell toxicity and to encourage toxicologists to perform stem cell research. SCSS provides a forum for SOT members interested in stem cell biology. Goals of our Specialty Sections are to continuously share our enthusiasm for stem cell toxicology, to increase the feasibility of stem cell research in toxicology, and to demonstrate the importance of our research in the field of toxicology in general. I hope we will keep growing and further contribute actively to raise awareness of stem cell toxicology and to contribute to the goals of SOT to promote recognition of toxicology in general. Moreover, I hope that SCSS will continue to foster the training and development of students and postdoctoral fellows.

At this time, I would like to thank all of you who volunteered to be on the ballot to serve on the SCSS leadership team. A belated welcome our incoming officers in 2023, Xiugong Gao (Vice President-Elect) and Dowlette-Mary Alam El Din.

A farewell to all that left office since May of 2023, namely Diana Neely (Past President), Csanket Gadhia (Councilor), Zimple Kurlawala (Postdoctoral Representative) and Iqra Pervaiz (Student Representative). Furthermore, I would like to thank the SCSS membership for their support.

Cheers,

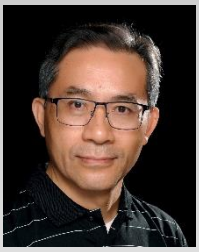
Petra Haberzettl, PhD

Past President, Stem Cells Specialty Section

Officers 2023-2024

Blake Anson
President

Nicole zur Nieden
Vice President



Xiugong Gao
Vice President-Elect

Petra Haberzattl
Past President

Aaron Bowman
Secretary/Treasurer

Mike Clements
Councilor

Dowlette-Mary Alam El Din
Graduate Student Rep

Greet our new officers:

Xiugong Gao
Vice President-Elect

Dowlette-Mary Alam El Din
Student Rep

If you want to get involved with SCSS, please nominate yourself for Councilor by contacting petra.haberzettl@louisville.edu

Highlights from the 2023 SCSS Reception

The Stem Cell Specialty Section held a reception at the 2023 SOT Annual Meeting in Nashville, TN, on Monday, March 20, with approximately 20 attendees. After welcoming the SCSS attendees, a brief presentation was given on the activities and accomplishments of the SCSS during the past year, including the announcement of new and recognition of outgoing officers, acknowledging our generous sponsor, and honoring awardees.

2023 SCSS Endorsed Sessions

"Moving Stem Cell–Derived New Approach Methods toward Regulatory Acceptance"
Chaired by: Li Pang, US FDA/NCTR & Sid Hunter, US EPA
Wed, Mar 22, 8:00-10:45am (CT), Karl Dean Ballroom C1, Music City Center
"Safety Assessment Approaches for Stem Cell Therapy"
Chaired by: William Slikker & James Kang, University of Tennessee
Wed, Mar 22, 1:30-4:15pm (CT), Karl Dean Ballroom C1, Music City Center

Thanks to our 2023 Sponsors

AXION BIOSYSTEMS

NeuCyte
Translatable Neuroscience

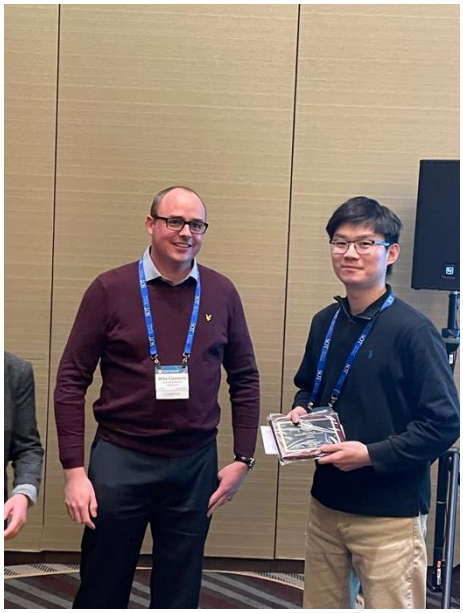
If you would like to become a sponsor, please contact any of our officers.

2023 Awards Sponsored by AXION & NeuCyte

1st Place, SCSS Excellence in Research Award Graduate Student Winner

Luke Liu, PhD candidate, Purdue University

"*Novel Discovery of the Choroid Plexus (CP)-Subventricular Zone (SVZ) Regulatory Axis: Evidence from Small-Sized Extracellular Vesicles Released from the CP to Altered Adult Neurogenesis in SVZ and Implications in Manganese-Induced Nonmotor Syndromes.*"



2nd Place, SCSS Excellence in Research Award Graduate Student Winner

Dowlette-Mary Alam El Din, PhD candidate, Johns Hopkins University

"*Functional Assessment of hiPSC-Derived Brain Organoids to Study the Effects of Chemical Exposure and Electrical Stimuli on Synaptic Plasticity*"