

NAME OF SPECIALTY SECTION ____ Inhalation and Respiratory_____

ANNUAL REPORT: 2015-2016

May 1, 2015 to April 30, 2016

I. Officers/Committees:

| <u>Officers</u> | <u>2014-2015</u> | <u>2015-2016</u> |
|-----------------------|--------------------|--------------------------|
| President: | Urmila P Kodavanti | Jacob D McDonald |
| Vice President: | Jacob McDonald | Flemming R Cassee |
| Vice President-Elect: | Flemming Cassee | Jon A Hotchkiss |
| Secretary/Treasurer: | Annemoon van Erp | Laura S Van Winkle |
| Past President | M Ian Gilmour | Urmila P Kodavanti |
| Councilors: | Amy Lambert | Matthew D Reed |
| | Kenneth Sexton | Mehdi Saeed Hazari |
| | Mehdi Hazari | Daniel J Conklin |
| | Matthew Reed | Patti C Zeidler-Erdely |
| PDA Representative: | Cara L Sherwood | Jonathan Henry Shannahan |
| GSLC Representative: | Desinia Miller | Michelle Hernandez |

II. Activities:

2016 SOT Annual Meeting Reception was held in New Orleans, Louisiana on March 15, 2016. Approximately 110 people were in attendance.

Dr. McDonald called the meeting to order at approximately 5:30 PM on March 15, 2016.

Meeting Minutes: (see Attachment I)

Awards:

Graduate Student Award- Dilshan Harischandra

Mary Amdur Student Award - Matthew Marshall

Mary Amdur Student Award - Parker Duffney

Postdoctoral Award - Sridhar Jaligama

Donald E Gardner Award - Katherine Zychowski

Young Investigator Award - Aaron Erdely

Career award- Lung-Chi Chen

Paper of the Year: “Ozone-induced nasal Type 2 Immunity in Mice is Dependent on Innate Lymphoid Cells” and was co-authored by K. Kumagai, R Lewandowski, D Jackson-Humbles, N Li, S Van Dyken, J Wagner and J Harkema was published in American Journal of Respiratory Cell and Molecular Biology in 2015

2016 SOT Annual Meeting Courses/Sessions:

Monday

- Symposium: The Promise and Reality of Alternative Methods in Inhalation Toxicology and the Development of Inhaled Therapeutics
- Symposium: Health and Environmental Hazard Assessments of Nanomaterials Along Their Lifecycle
- Historical Highlights: Toxicologic Legacies of Major 21st Century Man-Made/Natural Disasters

Tuesday

- Workshop: Maternal Exposure to Nanoparticles—How Does It Affect the Fetus? Status, Mechanisms, and Future Directions
- Workshop: Transient Receptor Potential A1 (TRPA1) Cation Channels: Fluttering Hearts, Headaches and Hot Flashes—Can One “Environmental Sensor” Be the Cause of All the Pain?

Endowment Fund Details:

Donald E Gardner Fund

| | |
|------------------------------|----------|
| Assets at beginning of 9 mos | \$52,667 |
| Expenditure: 1 award | \$2,000 |
| Assets at March 31, 2016 | \$52,117 |

Mary Amdur Fund

| | |
|------------------------------|----------|
| Assets at beginning of 9 mos | \$77,329 |
| Expenditure: 2 awards | \$1,000 |
| Assets at March 31, 2016 | \$78,979 |

Newsletters: June 15, 2016

Teleseminars: None

White Papers: None

Contributions to SOT website: updating of specialty section awards section with new Gardner Award information

Other Specialty Section 2015-2016 Activities:

_____Officers Meeting March 14, 2016 and quarterly officer teleconferences

SOT Inhalation and Respiratory Specialty Section Meeting

March 15, 2016

Jake McDonald called the meeting to order and introduced the new IRSS SOT officers and representatives

- Debra Laskin VP elect
- Sarah Carratt is the new graduate student representative
- Jaime Mirowsky is the new postdoctoral representative
- Councilors Irfan Rahman and Andrea De Vizcaya Ruiz join continuing councilors Dan Conklin and Patti Zeidler-Erdley.

Recognition was given to the outgoing counselors Matthew Reed and Mehdi Hazari, the outgoing postdoctoral and graduate student representatives Jonathan Shanahan and Michelle Hernandez respectively who each said a few words about their SOT duties as part of the specialty section and SOT. Urmila Kodavanti was the outgoing past president.

Jake announced that the technical committee would now only meet on an as needed basis. He recognized and thanked Harry Salem for the work of the technical committee over the years and also for his efforts on the newsletter. Harry Salem reminded everyone of the historical basis for IRSS which was formed in 1982 and the technical committee and their accomplishments including the Newsletters

Flemming Cassee presented the status of IRSS supported sessions for the SOT meeting. Fifteen sessions requested IRSS support; we endorsed 8 and 5 of those made it into the program :

Proposals

- 8 Symposia
- 4 Workshops
- 1 Roundtable
- 1 CE Advanced
- 1 Regional Interest/Historical Highlights

Monday

- Symposium: The Promise and Reality of Alternative Methods in Inhalation Toxicology and the Development of Inhaled Therapeutics
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Tuesday

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The executive committee members were encouraged to develop proposals for sessions which were accepted until Saturday, April 30, 2016. As a reminder, there is a higher success rate if the proposal is developed with another SS!

An update was presented by the Secretary/Treasurer Laura Van Winkle on the financial stability of the IRSS. Starting balance was \$11, 344.04. Annual meeting expenses were \$8585.09 with an anticipated balance after the annual meeting of \$2,758.05. Our membership numbers are up, at 322. IRSS members should encourage specialty section membership for students and colleagues. There is also an SOT initiative offering Supplemental Training for Education Program (STEP) for graduate students. This pilot program will enable outstanding doctoral students to pursue training in identified areas of professional/scientific development that are necessary for them to achieve their career goals but outside the immediate scope of their graduate training and research program. See SOT website for details, deadline May 1.

John Hotchkiss presented the awards for the evening, starting with the Paper of the Year. Paper of the year was awarded to Kazuyoshi Kumagai et al and accepted by co-author Jim Wagner on his behalf. The paper was published in American Journal of Respiratory Cell and Molecular Biology in 2015 titled "Ozone-induced nasal Type 2 Immunity in Mice is Dependent on Innate Lymphoid Cells" and was co-authored by K. Kumagai, R Lewandowski, D Jackson-Humbles, N Li, S Van Dyken, J Wagner and J Harkema.

Student Awards:

Graduate Student Award- Dilshan Harischandra from Iowa State University mentored by Anumantha Kanthasamy

Mary Amdur Student Award - Matthew Marshall from New York University (NYU) mentored by Lung-Chi Chen

Mary Amdur Student Award - Parker Duffney from University of Rochester mentored by Patricia Sime

Postdoctoral Award - Sridhar Jaligama from the University of Tennessee Health Science Center mentored by Stephania Cormier

Donald E Gardner Award went to Katherine Zychowski from University of New Mexico, mentored by Matt Campen, for travel to Michigan State University for training on use of a mobile air pollution laboratory.

Young Investigator Award winner was Aaron Erdely from Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health (CDC-NIOSH).

Terry Gordon took the podium to announce the career award recipient, Lung-Chi Chen from NYU. Lung-Chi was recognized for his outstanding productivity and influence on the science of

inhalation toxicology and his "Renaissance" approach to life. A number of Dr. Chen's current and past students were present. Flemming Cassee new IRSS president recognized the immediate past president Jake McDonald. He noted that next year's officers reception will be "at a decent European time (sic)". IRSS members are encouraged to develop a webinar or a Continuing Education Course and are reminded that it is never too soon to plan, even a year ahead, because deadlines approach quickly. Please contact any IRSS officer to begin development of your ideas and to receive feedback.

New business and announcements.

The specialty section sends well wishes to Dick Parent.

Dan Costa brought up the idea of re-envisioning the technical committee as a communications committee that would create summary papers from IRSS symposia, CE etc. from SOT to be published. The example given was this year's in vitro symposium on approaches to respiratory toxicology.

Terry Gordon introduced the concept that we should advocate for only one membership category in SOT.

Respectfully Submitted,

Laura Van Winkle