



GUIDE TO PISA 2016

Welcome to PISA 2016! ASIP is proud to host this interactive, abstract-driven, focused scientific conference entitled “*Breakthroughs in Biology: From Underlying Pathogenesis to Translational Medicine*” at the Houston Methodist Research Institute (HMRI) and the Houston Marriott Medical Center in Houston, TX. Timely and innovative technologies have vastly impacted our understanding of disease pathogenesis in the last decade. This has come from our improved understanding of the fundamental principles of pathology at cellular and molecular levels. Indeed the fields of immunity/inflammation, vascular and mucosal pathobiology, cell-cell communications, and microbiome/infectious diseases have undergone an unprecedented growth as we reinforce and challenge existing paradigms and discover new ones.

PISA 2016 is aimed at delivering attendees the most exciting and up-to-date concepts in pathogenesis and translational medicine. World acclaimed scientists in these areas will deliver lectures, while experienced members of the program committee will moderate discussion during these sessions to generate a cordial, collegial and contemporary environment for learning and networking. The major lectures will be interspersed with abstract-driven talks. Additionally, poster discussion sessions will be held in the Salons of the Grand Ballroom of the Houston Marriott Medical Center and will build an intimate setting for intellectual exchange and constructive criticism, especially for trainees and junior faculty.

We hope you will take the opportunity to meet and discuss your science with your fellow attendees and invited speakers, not only during the poster-viewing sessions, but during breakfast (Thursday, Friday, Saturday), lunch (Thursday and Friday), the Welcome Reception and Poster Viewing on Thursday evening, and the poster discussion break-outs on Friday afternoon.

THURSDAY, OCTOBER 20, 7:30 AM - 8:25 AM: REGISTER, DISPLAY YOUR POSTER, and ENJOY BREAKFAST

The scientific sessions will be held at the Houston Methodist Research Institute (HMRI) Auditorium at 8:30 AM. Pick up your attendee badge in the HMRI Pre-Meeting Area (2nd Floor) starting at 7:30 AM and enjoy a complimentary continental breakfast.

BEFORE arriving at the HMRI, if you are staying at the Houston Marriott Medical Center, put up your poster in the Marriott Grand Ballroom. It is located on the third floor. If you are arriving locally, please make sure to put up your poster in the Grand Ballroom before arriving at the HMRI. **All posters should be displayed by 8:25 AM.** Posters have been organized into 11 topic categories:

- | | |
|--------------------------|-----------|
| 1. Atherosclerosis | A1 & A2 |
| 2. Cancer | C1 - C14 |
| 3. Cardiomyopathy | CM1 & CM2 |
| 4. Genetic Diseases | G1 & G2 |
| 5. Immunology | IM1 - IM4 |
| 6. Infectious Disease | ID1 - ID7 |
| 7. Inflammation | IN1 - IN4 |
| 8. Liver Pathobiology | L1 - L16 |
| 9. Microbiome | M1 - M6 |
| 10. Mucosal Pathobiology | MP1 |
| 11. Neuropathology | N1 & N2 |

After putting up your poster, you can walk across the second floor bridge between the Marriott and Houston Methodist Hospital or go down to the lobby level of the Houston Marriott Medical Center and walk across the street. Follow the signs to the Houston Methodist Research Institute (HMRI) Auditorium (approximately a five-minute walk).

THURSDAY, OCTOBER 20, 8:30 AM: INTRODUCTION TO THE SCIENTIFIC THEMES

Cary D. Austin, Co-chair of the PISA 2016 Steering Committee, will make introductory remarks about the scientific themes of the meeting: Immunity/Inflammation, Mucosal Pathobiology, Cell-Cell Communications, and Microbiome & Disease. **James (Jim) Musser, Chair of Pathology and Genomic Medicine at HMRI** will follow with a “Texas Welcome” that will set the tone for our Keynote Lecture.

THURSDAY, OCTOBER 20, 8:35 AM - 9:30 AM: KEYNOTE LECTURE

Sponsored by the Histochemical Society

Introduction of the Keynote Speaker will be given by **Stephen Hewitt**, editor-in-chief of the *Journal of Histochemistry & Cytochemistry*. **Tanya Mayadas** will present the Keynote lecture on “Targeting Neutrophil Accumulation as a Therapy for Lupus Nephritis”.

THURSDAY, OCTOBER 20, 9:30 AM - 12:20 PM: PLENARY SESSION: THE INFLAMMATORY INTERFACE: THE FORCE AWAKENS

Immediately after the Keynote Lecture, the Plenary Session on The Inflammatory Interface: The Force Awakens will start with an introduction from **Richard (Rick) Mitchell** followed by a lecture from **Lauri Diehl** on Age-Related Macular Degeneration and an abstract-driven short talk by **Ali Alawieh (Abstract IM1)**.

After a short (15 minute) break, **William (Bill) Muller** will present a plenary lecture on Leukocyte/Endothelial Cell Signaling, followed by **David Sullivan** who will give an abstract-driven short talk (**Abstract IN3**). We will end before lunch with a lecture on Host-Pathogen Interactions by **David Walker**.

THURSDAY, OCTOBER 20, 12:20 PM - 1:50 PM: LUNCH AND POSTER VIEWING

Supported by Elsevier, Inc.

Lunch will be held at the Houston Marriott Medical Center in the Grand Ballroom. Take some extra time to familiarize yourself with the posters, engage in conversation with your colleagues, or stroll outside before returning to the HMRI to attend the plenary session on Microbiome and Disease.

THURSDAY, OCTOBER 20, 2:00 PM - 4:35 PM: PLENARY SESSION MICROBIOME AND DISEASE

The Plenary Session on Microbiome and Disease will begin with an introduction by **Cecelia Yates**. **Andrew (Andy) Neish** will speak about Host-Microbiota Interactions at the Epithelial Surface, followed by short abstract-driven talks by **Leon Zheng (Abstract M6)** and **Deisy Contreras (Abstract ID2)**. **James (Jim) Versalovic** will then give his lecture on Manipulating Gut Microbial Metabolism and Intestinal Inflammation. Finally, **Jonathan (Jon) Braun** will tie the afternoon’s session together with his closing lecture on The Search for Correctible Pre-Disease States of the Microbiome.

But wait, there’s more! The major poster session and opening reception begins immediately after the final lecture. Meet you back at the Houston Marriott Medical Center in the Grand Ballroom!

THURSDAY, OCTOBER 20, 4:45 PM - 6:30 PM: WELCOME RECEPTION & POSTER SESSION

Take some time to mingle with your colleagues and enjoy a buffet of “small bites” and beverages as you view the posters in the Grand Ballroom of the Houston Marriott Medical Center.

Odd-numbered posters will be manned from 5:00 PM – 5:30 PM. The even-numbered posters will be manned from 5:30 PM – 6:00 PM. This is a great opportunity to exchange ideas, and develop collaborations! The reception ends at 6:30. Leave your poster on its board. It will be moved for you into a

new location for Friday afternoon's Poster Breakout Session. Go out for dinner with your old and new friends and enjoy the many restaurants in the Houston area.

FRIDAY, OCTOBER 21, 7:30 AM - 8:55 AM: ENJOY BREAKFAST

Enjoy a complimentary continental breakfast in the Pre-Meeting Area of the HMRI to start off your day!

FRIDAY, OCTOBER 21, 7:45 AM - 8:55 AM: CAREER DEVELOPMENT WORKSHOP – DANCING WITH JOURNALS: THE MECHANICS OF PUBLISHING YOUR RESEARCH

Supported by The American Association of Immunologists, Inc.

We will start the morning in the HMRI Boardroom with **Kathryn Stockbauer** who will present a workshop on The Mechanics of Publishing Your Research. This session is targeted to young investigators and is sponsored by the ASIP Committee for Career Development and Diversity. Breakfast will be available through 8:55 AM for those who choose not to attend the Workshop.

FRIDAY, OCTOBER 21, 8:55 AM - 9:30 AM: YOUNG SCIENTIST LEADERSHIP AWARD LECTURE

Join us in the HMRI Auditorium where **F. William (Bill) Luscinikas**, Co-chair of the PISA 2016 Steering Committee, will welcome back our attendees and introduce **Christi Kolarcik** who will present the ASIP 2016 Young Scientist Award Lecture entitled “Approaching Amyotrophic Lateral Sclerosis from Cellular, System and Technological Angles”.

FRIDAY, OCTOBER 21, 9:30 AM - 12:20 PM: CELL-CELL COMMUNICATIONS

The Plenary Session on Cell-Cell Communications will begin with an introduction by **Christopher (Chris) Moskaluk** followed by a lecture from **Raghu Kalluri** on Exosomes in Pancreatic Cancer Therapy and Diagnosis and an abstract-driven short talk by **Nianxi Zhao (Abstract C10)**.

After a 15-minute break, we will continue with a lecture from **Dihua Yu**, which will cover Exosomes and Extracellular miRNAs in Brain Metastases, followed by **Biju Parekkadan** who will discuss Engineered Systems to Control Cell - Cell Communication.

FRIDAY, OCTOBER 21, 12:20 PM - 1:50 PM: LUNCH

Enjoy lunch with your colleagues in the HMRI Pre-Meeting Area.

FRIDAY, OCTOBER 21, 2:00 PM - 2:50 PM: ROUS-WHIPPLE AWARD LECTURE

The final afternoon oral session will be “lassoed” by **Jim Musser** as he presents The Rous-Whipple Award Lecture on Molecular Triggers Underlying Pandemics Caused by Group A Streptococcus, the Flesh-Eating Pathogen. The break-out poster discussions begin in a half-hour. Meet you at the Houston Marriott Medical Center.

FRIDAY, OCTOBER 21, 3:00 PM - 4:50 PM: POSTER DISCUSSION BREAK-OUTS

The networking highlight of the meeting will occur during the poster discussion break-out sessions. The posters will be set-up in 4 special break-out rooms (see below). The Liver Pathobiology posters will be displayed in **Salons A, B & C**, the Cancer poster will be in **Salon D**, the Microbiome and Infectious Diseases posters will be in **Salon E**, and the Cell Injury, Inflammation, Immunopathology and Disease posters will be in **Salons G & F**. Each break-out group will start with a tour of the posters. **Each author will give a “lightning round” 3-minute presentation of their poster.** After the group has completed the lightning round, the moderator(s) will lead an interactive discussion of the posters. **All posters must be removed after the poster discussion break-outs.**

BREAK-OUT GROUPS

Liver Pathobiology

- Posters: L1 - L16

Cancer

- Posters: C1 - C14

Microbiome and Infectious Diseases

- Posters: ID1 - ID7, M1 - M6

Cell Injury, Inflammation, Immunopathology and Disease

- Posters: A1 & A2, CM1 & CM2, IM1 - IM4, MP1, IN1 - IN4, N1& N2, G1 & G2

FRIDAY, OCTOBER 21, 5:00 PM - 6:00 PM: SCIENTIFIC INTEREST GROUP (SIG) MEETING

At the conclusion of the poster discussion break-outs, various Scientific Interest Groups (SIG) will have a chance to meet. All ASIP members belong to at least one SIG, so be our guest at this interactive, informal meeting where you will meet the ASIP Leadership, SIG Chairs, and partake in lively and informative discussions concerning your scientific area of interest. If you do not remember which SIGs you have joined, no need to worry, stop by the Registration Desk and we will have that information for you!

SATURDAY, OCTOBER 22, 7:30 AM - 8:25 AM: ENJOY BREAKFAST

Enjoy a complimentary continental breakfast in the HMRI Pre-Meeting Area.

SATURDAY, OCTOBER 22, 8:25 AM - 10:40 AM: PLENARY SESSION ON MUCOSAL PATHOBIOLOGY

The Plenary Session on Mucosal Pathobiology will begin with an introduction by **Bill Luscinskas**, followed by a lecture from **Sean Colgan** on Metabolic Shifts and Innate Immune Responses in the Gut and two abstract-driven short talks from **Michelle Reed (abstract MP1)** and **Tirthadipa Pradhan-Sundd (Abstract L14)**. After a 15-minute break, we will return for the final lecture of PISA 2016, which will be presented by **Nicholas Lukacs** on Microbiome, Immune Function, and Pulmonary Disease.

SATURDAY, OCTOBER 22, 10:40 AM - 11:10 AM: ASIP BUSINESS MEETING AND AWARDS PRESENTATION

The ASIP Business Meeting and Awards Presentation will be chaired by **ASIP President George Michalopoulos**. The ASIP Leadership will briefly present reports that reflect the state of the Society. Dr. Michalopoulos will then present awards to honor recipients of the ASIP 2017 Rous-Whipple Award, ASIP 2017 Robbins Distinguished Educator Award, ASIP 2016 Young Scientist Leadership Award, Junior Faculty Travel Awards, Trainee Travel Awards, Promoting Diversity in Science Travel Award, and the GALL Travel Award for Excellence in Cardiovascular Research. **Awardees must be present to receive their award!**

SATURDAY, OCTOBER 22, 11:15 AM - 12:00 PM: MEETING OF THE SIG CHAIRS

A special meeting of the Scientific Interest Group (SIG) Chairs will be held in the HMRI Boardroom (next to the auditorium). If you are SIG Chair, please attend.

At the conclusion of the meeting, please complete a PISA 2016 Meeting Evaluation. Your input will be of value as we plan the scientific program and schedule for PISA 2017 and the next ASIP Annual Meeting at EB17. If you complete your survey onsite, you will receive a "special" treat! The survey can also be completed online by navigating to the link below.

(www.pisa2016.org/survey)

Plans are underway for PISA 2017, which is scheduled for September 25-27, 2017. Please stay tuned for details. We look forward to seeing you there!