"The best way to predict the future, is to create it"

Peter Drucker

ASRI 34th Annual Meeting
June 2 – 5, 2014
Allegria Hotel, Long Beach, New York, USA

Congress Chairs:
Nazeeh Hanna          Raina Fichorova           Jeffrey Braverman

Program Committee
Nazeeh Hanna          Richard Bronson          Charu Kaushic           Joy Pate
Raina Fichorova        Richard Burwick          Udo Markert            Sandra Reznik
Jeffrey Braverman      Ted Golos               Gil Mor               Surendra Sharma
Kenneth Beaman         Peter Hansen            Errol Norwitz          Chandra Tayade

www.theasri.org
### Monday, June 2

**Breakfast**  
6:30 am - 8:00 am  
*Jack’s Rooftop*

**Registration**  
7:00 am - 10:00 am  
*Ballroom Foyer*

**Welcome Reception**  
6:30 pm - 7:15 pm  
*Jack’s Rooftop*

**Opening Session**  
7:15 pm - 8:45 pm  
*Grand Ballroom*

### Tuesday, June 3

**Breakfast**  
6:30 am - 8:30 am  
*Jack’s Rooftop*

**Registration**  
7:30 am - 9:00 am  
*Ballroom Foyer*

**Exhibit**  
8:00 am - 4:00 pm  
*L’Onda*

**Welcome & Announcements**  
8:15 am - 8:30 am  
*Grand Ballroom*

**General Session S.01**  
8:30 am - 10:30 am  
*Grand Ballroom*

**Coffee Break**  
10:30 am - 11:00 am  
*Atrium & L’Onda FLOW*

**General Session S.02**  
11:00 am - 12:30 pm  
*Grand Ballroom*

**Lunch Buffet**  
12:30 pm - 2:00 pm  
*Jack’s Rooftop*

### Wednesday, June 4

**Breakfast**  
6:30 am - 8:30 am  
*Jack’s Rooftop*

**Registration**  
7:30 am - 9:00 am  
*Ballroom Foyer*

**Exhibit**  
8:00 am - 4:00 pm  
*L’Onda*

**General Session S.04**  
8:30 am - 10:30 am  
*Grand Ballroom*

**Coffee Break**  
10:30 am - 11:00 am  
*(Posters Available for Viewing)*  
*Atrium & L’Onda FLOW*

**General Session S.05**  
11:00 am - 12:30 pm  
*Grand Ballroom*

**Lunch Buffet**  
12:30 pm - 2:00 pm  
*Jack’s Rooftop*

**Poster Session**  
1:30 pm - 3:30 pm  
*Alleno*

**Coffee Break**  
3:30 pm - 3:45 pm  
*Atrium & L’Onda FLOW*

**J. Christian Herr Lecture**  
3:30 pm - 4:00 pm  
*Grand Ballroom*

**Presidential Session**  
4:00 pm - 5:30 pm  
*Grand Ballroom*

**Reception**  
6:30 pm - 7:30 pm  
*Jack’s Rooftop*

### Thursday, June 5

**Breakfast**  
6:30 am - 8:30 am  
*Jack’s Rooftop*

**Registration**  
7:30 am - 9:00 am  
*Ballroom Foyer*

**General Session S.06**  
8:30 am - 9:30 am  
*Grand Ballroom*

**General Session S.07**  
9:30 am - 10:45 am  
*Grand Ballroom*

**Coffee Break**  
10:45 am - 11:15 am  
*Atrium & L’Onda FLOW*

**General Session S.08**  
11:15 am - 12:30 pm  
*Grand Ballroom*

**Lunch Buffet**  
12:30 pm - 2:00 pm  
*Jack’s Rooftop*

**General Session S.09**  
2:00 pm - 3:30 pm  
*Grand Ballroom*

**ASRI Business Meeting**  
3:30 pm - 4:30 pm  
*Atrium & L’Onda*

**Gala & Awards Banquet**  
7:30 pm - 10:30 pm  
*Grand Ballroom*
Monday, June 2
4:30 pm - 6:30 pm  Registration - Ballroom Foyer
6:30 pm - 7:15 pm  Welcome Reception - Jack’s Rooftop
7:15 pm - 8:45 pm  Opening Session - Grand Ballroom

OS.01 Prematurity, a Global Public Health Problem and a Scientific Puzzle
Michael Katz, MD
Senior Advisor, Transdisciplinary Research, March of Dimes Foundation

OS.02 Inside the Nobel-Prize Winning Research on Toll-like Receptors
Jean-Marc Reichhart
Research partner and Director of Research Unit of Dr. Jules A. Hoffmann, 2011 Nobel Prize winner in Medicine for his discoveries concerning Toll-like Receptors, University de Strasbourg & Institut Universitaire de France (France)

Tuesday, June 3
6:30 am - 8:00 am  Breakfast - Jack’s Rooftop
7:00 am - 10:00 am  Registration - Ballroom Foyer
8:00 am - 4:00 pm  Exhibit - L’Onda
8:15 am - 8:30 am  Welcome & Announcements - Grand Ballroom
8:30 am - 10:30 am  S.01 - Grand Ballroom
Implantation failure: Cells to cytokines – what goes wrong and how can we treat?
Chairs: Jeffrey Braverman & Benjamin Leader
S.01-1 Human Endometrial Receptivity - Basic Science to Clinical Applications
Carlos Simon, University of Valencia (Spain)
S.01-2 Pre-conceptual endometrial immune profiling: a new method to increase pregnancy rates in a context of previous unexplained and repeated embryo implantation failures after IVF/ICSI
Nathalie Ledee, INSERM (France)
S.01-3 Molecular networks in the embryo and endometrium for pregnancy success
Michael Höcker, University of Bonn (Germany)
S.01-4 Intralipid Therapy for Recurrent Pregnancy Loss – Controversies and Future Directions
Jeff Braverman, Braverman Reproductive Immunology (USA)

10:30 am - 11:00 am  Coffee Break - Atrium & L’Onda FLOW
Tuesday, June 3

11:00 am - 12:30 pm  **S.02 - Grand Ballroom**  
**Immune modulators in semen**  
*Chairs: Richard Bronson & Tatsuo Yamamoto*  
S.02-1  Male-female seminal fluid communication – new insights  
*Sarah Robertson, University of Adelaide (Australia)*  
S.02-2  Role of Seminal Plasma immune modulators in the transmission of HIV and other pathogens  
*Deborah Anderson, Boston University School of Medicine (USA)*  
OR1-2  Two oral presentations from selected abstracts

12:30 pm - 2:00 pm  **Lunch Buffet - Jack’s Rooftop**

12:30 pm - 2:00 pm  **AJRI Editorial Board Meeting - Oak Room**

2:00 pm - 3:30 pm  **S.03 - Grand Ballroom**  
**Contraception, reproductive hormones, and HIV**  
*Chairs: Raina Fichorova & Charu Kaushic*  
S.03-1  Interplay Between Hormones, Mucosal Immunology and Susceptibility to HIV Infection in the Human Female Reproductive Tract  
*Charles Wira, Geisel Medical School at Dartmouth (USA)*  
S.03-2  Hormonal Contraception and HIV Acquisition  
*Charles Morrison, FHI 360 (USA)*  
OR3-4  Two oral presentations from selected abstracts

3:30 pm - 3:45 pm  **Coffee Break - Atrium and L’Onda FLOW**

3:45 pm - 4:15 pm  **AJRI Award Lecture - Grand Ballroom**  
**Developmental Programming of the Preimplantation Embryo by Colony Stimulating Factor 2 - A Case of Male vs Female**  
*Peter Hansen, University of Florida (USA)*

4:15 pm - 5:45 pm  **John P. Gusdon Award Competition - Grand Ballroom**  
Top 6 ranked abstracts will present 15 minute oral presentations

7:00 pm - 9:00 pm  **ASRI Council Meeting - Oak Room**
Wednesday, June 4

6:30 am - 8:30 am  Breakfast - Jack's Rooftop

7:30 am - 9:00 am  Registration - Ballroom Foyer

8:00 am - 4:00 pm  Exhibit - L'Onda

8:30 am - 10:30 am  S.04 - Grand Ballroom
   Preeclampsia, abortion and immune placental injury - what happens when the shield is broken?
   Chairs: Surendra Sharma & Ted Golos
   S.04-1  Angiogenic biomarkers in preeclampsia
      Ananth Karumanchi, Harvard University (USA)
   S.04-2  Development of an in Vivo Equine herpesvirus-1 Abortion
      Gisela Soboll Hussey, Michigan State University (USA)
   S.04-3  The Sweet Kiss Of Galectin-1 (gal-1) During Pregnancy: Implications in Preeclampsia
      Sandra Blois, Charité, University Medicine Berlin (Germany)
   S.04-4  Inflammatory state of pancreatic islets in intrauterine growth restricted fetuses
      Sean Limesand, University of Arizona (USA)

10:30 am - 11:00 am  Coffee Break (posters available for viewing) - Atrium and L'Onda FLOW

11:00 am - 12:30 pm  S.05 - Grand Ballroom
   Preterm labor, infection and immune attack / is labor the only solution?
   Chairs: Nazeeh Hanna & Anthony Vintzileos
   S.05-1  The role of TLR signaling in fetal brain injury from prenatal inflammation
      Michal Elovitz, University of Pennsylvania (USA)
   S.05-2  Maternal nutritional status, genital tract inflammation, and preterm birth
      Hyagriv Simhan, University of Pittsburgh School of Medicine (USA)
   OR5-6  Two oral presentations from selected abstracts

12:30 pm - 2:00 pm  Lunch Buffet - Jack's Rooftop

1:30 pm - 3:30 pm  Poster Session - Alleno

3:00 pm - 3:30 pm  Coffee Break - Atrium & L'Onda FLOW

3:30 pm - 4:00 pm  J. Christian Herr Lecture - Grand Ballroom
   Novel Mechanisms of Placental Inflammation in Obstetric Antiphospholipid Syndrome
   Vikki Abrahams, Yale University (USA)

4:00 pm - 5:30 pm  Presidential session: Non-coding RNA - Grand Ballroom
   Principles of post-transcriptional gene regulation in human cells
   Thomas Tuschl, Rockefeller University (USA)
   The many roles of short and long non-coding RNAs in cancer and development
   Andrea Ventura, Memorial Sloan Kettering Cancer Center (USA)

6:30 pm - 7:30 pm  Reception - Jack’s Rooftop

7:30 pm - 10:30 pm  Gala and Awards Banquet - Grand Ballroom
Thursday, June 5

6:30 am - 8:30 am  Breakfast - Jack’s Rooftop

7:30 am - 9:00 am  Registration - Ballroom Foyer

8:30 am - 9:30 am  S.06 - Grand Ballroom

Genes and proteins that control secretion and autophagy
Dr. Randy Schekman - 2013 Nobel Prize Laureate in Physiology/Medicine
University of California, Berkeley (USA)

9:30 am - 10:45 am  S.07 - Grand Ballroom

Microbiome and reproduction - from symbionts to pathogens
Chairs: Steven Witkin & Elizabeth Bonney

S.07-1  The Perinatal Microbiome: How does pregnancy shape our microbiome, and how does our microbiome shape us?
  Kjersti Aagaard, Baylor College of Medicine (USA)

S.07-2  From symbionts to pathogens – the vaginal immunobiome saga
  Raina Fichorova, Brigham and Women’s Hospital & Harvard Medical School (USA)

OR7  One oral presentation from selected abstracts

10:45 am - 11:15 am  Coffee Break - Atrium and L’Onda FLOW

11:15 am - 12:30 pm  S.08 - Grand Ballroom

T cells in pregnancy: for better or worse
Chairs: Troy Ott & Dajin Li

S.08-1  T-cell tolerance to the conceptus
  Doug Antczak, Cornell University (USA)

S.08-2  Regulatory T cells in gestational diabetes: A link between exhausted phenotype and disease risk
  Surendra Sharma, Brown University (USA)

OR8  One oral presentation from selected abstracts

12:30 pm - 2:00 pm  Lunch Buffet - Atlantica

2:00 pm - 3:30 pm  S.09 - Grand Ballroom

Biomarkers and novel approaches in reproductive immunology
Chairs: Joanne Kwak-Kim & Silvia Daher

S.09-1  MicroRNA as biomarkers in pregnancy
  Udo Markert, Friedrich-Schiller-Universität (Germany)

S.09-2  Cervical mucus properties stratify risk for preterm birth
  Katharina Ribbeck, MIT (USA)

OR11-12  Two oral presentations from selected abstracts

3:30 pm - 4:30 pm  ASRI Business Meeting (All Members Invited) – Atrium and L’Onda FLOW
Welcome to New York City

Things to do in New York City:

- Enjoy Broadway shows, amazing restaurants, bars, events and live music...
did we say endless fun, see the following for more information:

Allegria Hotel is beautifully situated on the oceanfront.

**Address:**
80 West Broadway, Long Beach, NY 11561
Phone: +1 516 889 1300, Fax: +516 889 1310
Email: adidomenico@allegriahotel.com

**Temperature:** The month of June is characterized by rising daily high temperatures, with daily highs increasing from 73°F to 79°F over the course of the month, exceeding 88°F or dropping below 62°F only one day in ten.

**Taxi to the hotel from JFK airport:** Taxis can be hired outside each terminal. Fares to the hotel should be about $50. The trip will take approximately 30 minutes. Fares and travel time may be a little more for LaGuardia airport.

**Going to New York City from the Hotel:** take the Long Island Rail Road, 50 minutes and $9 will bring you to downtown Manhattan from the Hotel. The train station is 5 minutes walking from the Hotel. The train runs till 3 AM. For more information:
[http://lirr42.mta.info/stationInfo.php?id=105](http://lirr42.mta.info/stationInfo.php?id=105)
When making reservations, please make sure to identify yourself as an ASRI delegate. As an attendee of the ASRI conference, you will receive a significant discounted rate ($195/night) as well as:

- All taxes and resort fees included
- Free daily breakfast and lunch buffets as well as coffee breaks
- Free Internet

Reservations for rooms at the Allegria Hotel will be made directly with the hotel but payment for rooms will be made to the ASRI. After making the reservation with the hotel, you will receive a confirmation e-mail from the hotel as well as the bill from ASRI. Full payment to ASRI (check or credit card) is due May 1st. The ASRI can't guarantee availability for rooms paid for after May 1.

Cancellation policy:
Reservation can be cancelled without penalty until May 1st. Cancellations after May 1 will be subject to a penalty equivalent to one night’s stay. There will be no refunds for any cancellation made after May 15th.

To reserve by Phone:
Dial: 1 888 ON BEACH (international or domestic).
Please ask for the Reservation Manager for ASRI conference and provide the special code: ASRI-14.

To reserve by E-mail:
Please submit the following information to the following e-mail: adidomenico@allegriahotel.com

Please include the following:
- Special code: ASRI-14
- First name:
- Last name
- Address:
- Country:
- Phone #
- E-mail address:
- Number of nights:
- Check in date:
- Check out date:
- Bedding type: two double beds or King bed
- Special request: