

Puerto Rico Society
of Microbiologists
American Society for Microbiology
Local Branch

57th Annual Meeting

Microbiology
on the
21st Century:
Microbiomes
and Omics

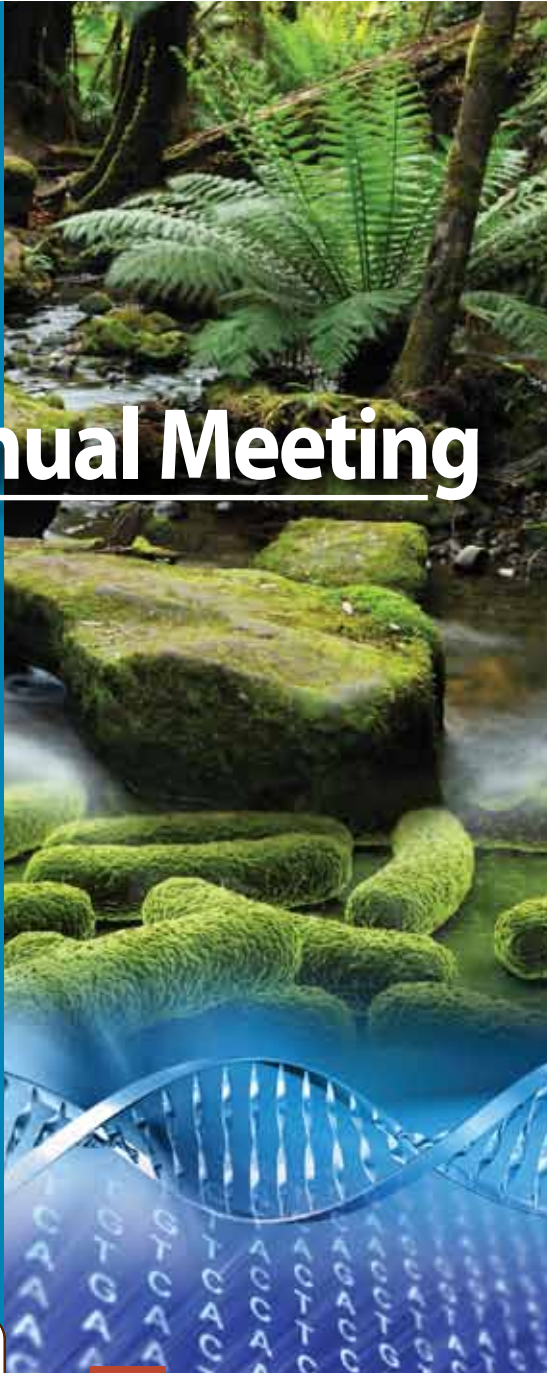
June 19-20, 2014
Verdanza Hotel
Carolina, PR



Fundada en 1957



AMERICAN
SOCIETY FOR
MICROBIOLOGY



Verdanza Hotel



World Class Exhibitors* will be Sponsoring our PRSM 2014 Annual Meeting:

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Dear colleagues and friends, the Puerto Rico Society of Microbiologists has the pleasure of inviting you to our exciting PRSM 2014 Annual Meeting - **Microbiology on the 21st Century: Microbiomes and Omics**. Once again our Meeting will be held at the Verdanza Hotel.

Microbiomes are the communities of microorganisms, their genomes and their interactions with the environment, that inhabit both our body and other communities. Omics sciences represent the new convergence of the traditional disciplines of genetics, protein chemistry and the study of metabolites, which have evolved in Genomics, Proteomics and Metabolomics. We will have distinguished local and visiting lecturers who will discuss some of the latest findings in this field. We will also be sharing with two distinguished ASM lecturers, Dr. Joseph F. Petrosino and Dr. Victor J. DiRita, Chair, ASM National Membership Board. Our Exhibitors will be presenting the latest products in the area of microbiology.

Take advantage of the PRSM 2014 room rates to enjoy a weekend vacation. Verdanza is nearby Luis Muñoz Marín Intl. Airport and it is only steps away from Isla Verde's beautiful beaches and tasteful typical food *kioskos*.

We are looking forward to sharing with you in this luxurious and comfortable property, while sharing the latest information in Microbiome and Omics. Call us or visit our website for additional information. Your valued presence will add to our Meeting's SUCCESS!!!

(787) 380-2679 / 610-3775

smpr50@gmail.com / otero.smpr@gmail.com

Special PRSM 2014 Parking Rate: \$8.56 / day

8020 Tartak Street, Isla Verde, PR 00979 / www.verdanzahotel.com

PROGRAM

57th Annual Meeting

Microbiology on the 21st Century: Microbiomes and Omics

Thursday, June 19, 2014

AM

- 7:30 Registration & Breakfast with Exhibitors / Visit to Exhibitors**
- 8:30 Welcoming remarks and presentation of "Proclama de la Semana del Microbiólogo" to the Student Chapter: Capítulo Estudiantil de Microbiología de Arecibo-CEMA (Héctor L. E. Olivencia, President; Prof. José G. Arbelo, M.S. & Prof. Marilisa Amador, M.S., Mentors)**
Robur Otero, B.S., PRSM - President
- Greetings from Victor J. DiRita, Ph.D.**
Chair, ASM National Membership Board
Associate Dean, Graduate and Postdoctoral Studies
University of Michigan Medical School
Ann Arbor, MI
- Tribute to:**
Queenie Bodón, M.S., Past PRSM - President and
El Koury-Medina Award Recipient
Gladys Ramos, B.S., Past PRSM - Secretary and
El Koury-Medina Award Recipient
- 9:30 The Human Microbiome:
An Underappreciated Organ Important for Human Health**
Joseph F. Petrosino, Ph.D.
ASM Distinguished Lecturer
Director, Alkek Center of Metagenomics and Microbiome Research Department of
Molecular Virology and Microbiology
Baylor College of Medicine
Houston, TX
- 10:30 AM Break / Visit to Exhibitors**
- 10:50 Proteomic Studies on HIV Pathogenesis**
Loyda Meléndez, Ph.D.
Professor, Department of Microbiology, University of Puerto Rico
Medical Sciences Campus, San Juan, PR
- 11:50 Lunch and Short Exhibitors' Presentations**

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PM

- 1:30 Pharmacogenomics and the Omics' Era**
Diana Gómez, Ph.D.
Associate Professor, School of Science and Technology
Universidad Metropolitana
San Juan, PR
- 2:30 Mechanisms of *Campylobacter jejuni* colonization in a natural host model**
Victor J. DiRita, Ph.D.
Chair, ASM National Membership Board
Associate Dean, Graduate and Postdoctoral Studies
University of Michigan Medical School
Ann Arbor, MI
- 3:30 PM Break**
- 3:50 Exhibitor Presentation: What's New in the Field?**
- 4:10 Dr. Arturo L. Carrión Memorial Presentation to Carmen D. Zorrilla, M.D.**
Dr. Arturo L. Carrión Memorial Lecture:
Biomedical HIV Prevention Strategies
Carmen D. Zorrilla, M.D.
Director, Maternal Infant Studies Center (CEMI)
Unit of Comparative Medicine, University of Puerto Rico School of Medicine
Medical Sciences Campus
San Juan, PR
- 5:10 Reception & Cocktail**

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AM

- 7:30 Registration & Breakfast with Exhibitors / Visit to Exhibitors**
- 8:30 Welcoming Remarks**
Robur Otero, BS, PRSM - President
- 8:45 The Human Microbiome: Disease Associations Leading Toward Diagnostics and Therapeutics**
Joseph F. Petrosino, Ph.D.
ASM Distinguished Lecturer
Director, Alkek Center of Metagenomics and Microbiome Research
Department of Molecular Virology and Microbiology
Baylor College of Medicine
Houston, TX
- 9:45 Omics Approaches in Food Microbiology Research**
Luis Jiménez, Ph.D.
Assistant Professor, Biology Department
Bergen Community College
Paramus, NJ
- 10:45 AM Break / Visit to Exhibitors**
- Administrative Meeting for PRSM Members**

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Friday, June 20, 2014

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- 12:30 Lunch**
- 1:30 The Microbiome of Babies Born by Cesarean Section**
María G. Domínguez, Ph.D.
Associate Professor, Department of Medicine
New York University School of Medicine, Langone Medical Center
New York, NY
- 2:30 Pharmacogenomics:
Fundamentals and Current Applications in Personalized Medicine**
Jorge Duconge, Ph.D.
Associate Professor, Department of Pharmaceutical Sciences
School of Pharmacy, Medical Sciences Campus
University of Puerto Rico
San Juan, PR
- 3:30 PM Break**
- 3:50 Special Topic Presentation:
Molecular Analysis of Pharmaceutical Processes: from Manufacturing to Quality Control**
Luis Jiménez, Ph.D.
Assistant Professor, Biology Department
Bergen Community College
Paramus, NJ
- 4:50 Closing Remarks and Raffle**
Robur Otero, B.S., PRSM - President

