Monday, July 11

0800-1600 CONGRESS REGISTRATION OPENS

0900-1700 ANAEROBE IDENTIFICATION SUSCEPTIBILITY WORKSHOP—See page 3 for details
  Diane M. Citron
  R.M. Alden Research Laboratory, Culver City, CA USA
  Mike Cox
  Anaerobe Systems, Morgan Hill, CA USA

0900-1700 EXAMINING ANAEROBES IN THE MICROBIOME: METAGENOMIC AND CULTURE APPROACHES—See page 3 for details
  Laura M. Cox, Ph.D.
  Harvard University, Boston, MA USA
  Casey Theriot, Ph.D.
  North Carolina State University, Raleigh, NC USA
  Anna Seekatz, Ph.D.
  University of Michigan, Ann Arbor, MI USA

Tuesday, July 12

0700 REGISTRATION / BREAKFAST / EXHIBITS

0815-0825 WELCOME
  David Aronoff, M.D., President, ASA
  Vanderbilt University, Nashville, TN USA

0825-0945 SESSION I: TREATING MULTI-DRUG RESISTANT INFECTIONS IN THE ERA OF ANTIMICROBIAL STEWARDSHIP
  Convener: Ellie Goldstein, M.D.
  University of California, Los Angeles, CA USA
  The Clinical Presentation of Fusobacterium necrophorum Pharyngitis
  Robert M. Centor, M.D.
  University of Alabama, Huntsville, AL USA
  Dilemma of the New Agents and Intra-Abdominal Anaerobic Infections
  Joseph S. Solomkin, M.D.
  University of Cincinnati, Cincinnati, OH USA
  Parallels between C. difficile Colitis and Autism
  Sydney M. Finegold, M.D.
  VA Medical Center, West Los Angeles, CA USA
  New Anaerobic Antimicrobials in Development
  Ellie J.C. Goldstein, M.D.
  University of California, Los Angeles, CA USA

0945-1000 BREAK—INDUSTRY EXHIBITS OPEN

1000-1100 SESSION II: KEYNOTE ADDRESS
  Convener: David Aronoff, M.D.
  Vanderbilt University, Nashville, TN USA
  Never Let a Crisis Go to Waste: Progress in Prevention of Clostridium difficile Transmission
  Curtis J. Donskey, M.D.
  Louis Stokes Cleveland VA Medical Center, Cleveland, OH

1100-1200 SESSION III: ORAL ABSTRACTS: NON-DIFFICILE CLOSTRIDIA AND INTRA-ABDOMINAL INFECTIONS
  Convener: Andrew B. Onderdonk, Ph.D.
  Harvard Medical School, Boston, MA USA
  Diet Fiber Contributes to Peritonitis by Activating Inflammasome Nlrp3 and Inducing IL-18 Secretion
  Leandro A. Lobo, Ph.D.
  Federal University of Rio de Janeiro, Brazil

Detection of Toxigenic Clostridium perfringens and Clostridium botulinum from Food Commodities in Lagos State, Nigeria
  Francisca O. Nwaokorie, Ph.D.
  University of Lagos, Nigeria

Purification and Properties of a Novel Botulinum Neurotoxin FA “H”
  Eric A. Johnson, Ph.D.
  University of Wisconsin, Madison, WI USA

Pathology of Bacillary Hemoglobinuria Produced by Clostridium haemolyticum
  Mauricio Navarro, D.V.M.
  University of California, Davis, CA USA

The Comparative Efficacy of Antibiotics against Experimental Clostridium septicum Infection
  Jessica Sieber Ph.D.
  University of Minnesota, Duluth, MN USA

1200-1315 LUNCH / EXHIBITS

STUDENT COMPETITION PRESENTATIONS

1315-1415 POSTER SESSION I / EXHIBITS

1400-1530 SESSION IV: DEFINING THE FUNCTION OF THE GUT USING OMIC APPROACHES FOR RATIONAL DESIGN OF PERSONALIZED THERAPEUTICS
  Convener: Casey M. Theriot, Ph.D.
  North Carolina State University, Raleigh, NC USA
  Rational Design of Microbiota-Mediated Secondary Bile Acids in the Gut to Restore Colonization Resistance against C. difficile
  Sandrine Claus, Ph.D.
  The University of Reading, United Kingdom

Understanding Gut Microbiota-Host Metabolic Interplay Using Nutrimetabonomics
  Jessica Sieber Ph.D.
  University of Minnesota, Duluth, MN USA

1530-1545 BREAK—INDUSTRY EXHIBITS OPEN

1545-1645 SESSION V: LITERATURE REVIEW IN ANAEROBIC SCIENCES
  Cynthia Sears, M.D.
  Johns Hopkins University, Baltimore, MD USA
  Glenn Tillotson, Ph.D.
  TranScrip Partners, Philadelphia, PA USA

0645-1730 SESSION VI: ORAL ABSTRACTS: POTPOURRI
  Convener: David Fredricks, M.D.
  University of Washington, Seattle, WA USA
  Taking the Next Giant Step: Designed Microbiome Therapeutics for Clostridium difficile Infection
  David N. Cook, Ph.D.
  Seres Therapeutics, Inc., Cambridge, MA USA
  ‘In Silico’ Chemotaxonomy: A Tool for Microbial Systematics
  Nisha B. Patel
  University of Oklahoma, Norman, OK USA

First Genome Sequence of the Opportunistic Pathogen Clostridium septicum
  Michael J.G. Mallozzi, Ph.D.
  University of Arizona, Tucson, AZ USA
The 13th Biennial Congress of the Anaerobe Society of the Americas
Sheraton Nashville Downtown Hotel • Nashville, Tennessee

1730-1800 ANAEROBE SOCIETY MEMBERSHIP MEETING
1800-1900 WINE & CHEESE RECEPTION

Wednesday, July 13

0700 REGISTRATION / BREAKFAST / EXHIBITS
0730-0830 SESSION VII: ORAL ABSTRACTS: MICROBES ON THE MUCOSA
  Convener: Yiping W. Han, Ph.D.
  Columbia University, New York, NY USA
  Electronic Nicotine Delivery Systems and the Oral Microbiome: An Integrated–Omics Analysis
  Sukirth Ganesan
  Ohio State University, Columbus, OH USA
  Computational Analysis of Disease-Associated Functional Shifts in the Periodontal Microbiome
  Shareef M. Daboub, Ph.D.
  Ohio State University, Columbus, OH USA
  Effects of Pregnancy and Smoking on the Subgingival Microbiome
  Akshay D. Paropkari, Ph.D.
  Ohio State University, Columbus, OH USA
  Galectins in the Distal Reproductive Tract: A Novel Mechanism of Anaerobe Synergisms
  Raina N. Fichorova, M.D., Ph.D.
  Harvard Medical School, Boston, MA USA
0830-0845 BREAK—INDUSTRY EXHIBITS OPEN
0845-1025 SESSION VIII: ESCMID-ASA JOINT SYMPOSIUM: FOCUS ON ORAL ANAEROBES
  Convener: Elisabeth Nagy, M.D., Ph.D.
  University of Szeged, Hungary
  Introduction and Highlights on Anaerobe Research in ESCMID
  Elisabeth Nagy, M.D., Ph.D.
  University of Szeged, Hungary
  Relationship Between Methanogenic archaea and Subgingival Microbial Complexes in Human Periodontitis
  Georg Conrads, Ph.D.
  Aachen University Hospital, Germany
  Heart and Mouth Disease: The Periodontium and Cardiovascular Disease
  Caroline Genco, Ph.D.
  Tufts University, Boston, MA USA
  Diabetes and the Oral Anaerobic Microbiome
  Purnima Kumar, D.D.S, Ph.D.
  Ohio State University, Columbus, OH USA
1045-1100 BREAK—INDUSTRY EXHIBITS OPEN
1100-1145 SESSION IX: WHAT’S IN A NAME: TAXONOMY AND THE ANAEROBES
  Convener: Kerin Tyrrell
  R.M. Alden Research Laboratory, Culver City, CA USA
  The Taxonomy of the Genus Clostridium: Current Status and Future Perspectives for the Clinical Community
  Paul Lawson, Ph.D.
  University of Oklahoma, Norman, OK USA
1145-1300 LUNCH / EXHIBITS
1300-1400 POSTER SESSION II / EXHIBITS
1400-1600 SESSION X: BACTERIAL REPLACEMENT THERAPY INCLUDING FECAL MICROBIOME TRANSPLANTS
  Convener: Emma Allen-Vercoe, Ph.D.
  University of Guelph, Canada
  Psychobiatics
  Jane A. Foster, Ph.D.
  McMaster University, Canada
  Fecal Microbiota Transplant for Ulcerative Colitis
  Michael Surette, Ph.D.
  McMaster University, Canada
  Fecal Microbiota Transplant in Clinical Practice
  Colleen Kelly, M.D.
  Brown University, Providence, RI USA
1600-1610 BREAK—INDUSTRY EXHIBITS OPEN
1610-1740 SESSION XI: INTERACTIONS OF GENITAL TRACT ANAEROBES & RELATIONSHIP TO HUMAN DISEASE
  Convener: Jeanne Marrazzo, M.D.
  University of Alabama, Birmingham, AL USA
  Cultivation of Novel Anaerobes
  Sharon Hillier, Ph.D.
  University of Pittsburgh, Pittsburgh, PA USA
  Comparative Genomics of Anaerobes and Linkage to Metabolites
  Sujatha Srinivasan, Ph.D.
  University of Washington, Seattle, WA USA
  Cultivation of Vaginal Anaerobes in Epithelial Cells and Associated Models
  Richard B. Pyles, Ph.D.
  University of Texas, Galveston, TX USA
  Bacterial Species Colonizing the Vagina of Healthy Women Are Not Associated with Race
  May A. Beamer
  University of Pittsburgh, Pittsburgh, PA USA
1830 CONGRESS BANQUET RECEPTION: NASHVILLE CITY CLUB
1915 CONGRESS BANQUET / AWARDS
Thursday, July 14

0700    REGISTRATION / BREAKFAST / EXHIBITS

0730-0830  SESSION XII: ORAL ABSTRACTS: CLOSTRIDIUM DIFFICILE I

Convener: Karen Carroll, M.D.
Johns Hopkins University, Baltimore, MD USA

Re-Examining the Germination Phenotypes of Several Clostridium difficile Strains
Joseph A. Sorg, Ph.D.
Texas A&M University, College Station, TX USA

Clathrin-Independent Endocytosis of Clostridium difficile Toxin A
Ramyavardhanee Chandrasekaran
Vanderbilt University, Nashville, TN USA

CdtR: [Only?] The Regulator of Binary Toxin in Clostridium difficile?
Sarah Kuehne, Ph.D.
University of Nottingham, United Kingdom

Leptin Signaling Alters Neutrophil Homeostasis during Clostridium difficile Infection
Rajat Madan, M.D.
University of Cincinnati, Cincinnati, OH USA

Intraspecific Competition and Adaptive Immune Responses in Protection Against Murine Clostridium difficile Infection
Vincent Young, M.D.
University of Michigan, Ann Arbor, MI USA

0845-1015  SESSION XIII: EVOLVING MANAGEMENT OF CLOSTRIDIUM DIFFICILE INFECTION

Convener: Dale Gerding, M.D.
Hines VA Medical Center, Hines, IL USA

Stuart Johnson, M.D.
Hines VA Medical Center, Hines, IL USA

Antibiotics: New and in Clinical Research Trials
Stuart Johnson, M.D.
Hines VA Medical Center, Hines, IL USA

Vaccines to Prevent Clostridium difficile Infections
Chandrabali Ghose-Paul, Ph.D.
Microbiome Medicine, New York, NY USA

Biotherapeutics and Immunologics for CDI
Dale Gerding, M.D.
Hines VA Medical Center, Hines, IL USA

Safety and Efficacy of RBX2660 for Recurrent Clostridium difficile Infection: Results of Phase 2 Punch CD Studies
Erik R. Dubberke, M.D.
Washington University, St. Louis, MO USA

1015-1025  BREAK—INDUSTRY EXHIBITS OPEN

1025-1200  SESSION XIV: CLINICAL EXPERIENCE OF CLOSTRIDIUM DIFFICILE IN EUROPE

Convener: Carl Erik Nord, M.D., Ph.D.
Karolinska Institute, Stockholm, Sweden

Introduction
Carl Erik Nord, M.D., Ph.D.
Karolinska Institute, Stockholm, Sweden

Epidemiology of CDI in Europe
Ed Kuijper, M.D., Ph.D.
Leiden University, The Netherlands

Prophylaxis and Treatment of CDI in Europe
Mark Wilcox, M.D.
University of Leeds, United Kingdom

Treatement of Recurrent CDI in Europe
Oliver Cornely, M.D.
University of Cologne, Germany

1200-1320  LUNCH / EXHIBITS

1320-1420  POSTER SESSION III / EXHIBITS

1420-1600  SESSION XV: AN UPDATE ON CLOSTRIDIUM DIFFICILE PATHOGENESIS

Convener: David M. Aronoff, M.D.
Vanderbilt University, Nashville, TN USA

Dena Lyras, Ph.D.
Monash University, Australia

Quorum Sensing in Clostridium difficile
Charles Darkoh, Ph.D.
University of Texas, Houston, TX USA

Adherence Mechanisms of Clostridium difficile to Gut Epithelial Cells
Gayatri Vedantam, Ph.D.
University of Arizona, Tucson, AZ USA

Unique Contributions of TcdA and TcdB to Clostridium difficile Disease
Dena Lyras, Ph.D.
Monash University, Australia

The Impact of Nutrition on Clostridium difficile Infection
Joseph P. Zackular, Ph.D.
Vanderbilt University, Nashville, TN USA

1600-1615  BREAK—INDUSTRY EXHIBITS OPEN

1615-1730  SESSION XVI: ORAL ABSTRACTS: CLOSTRIDIUM DIFFICILE II

Convener: Vincent Young, M.D., Ph.D.
University of Michigan, Ann Arbor, MI USA

Acute Gastroenteritis in Children Using Multiplex Nucleic Acid-Based Testing and the Role of Clostridium difficile
Maribeth Ruth Nicholson, M.D.
Vanderbilt University, Nashville, TN USA

Oral Immunization with Non-Toxic C. difficile Strains Expressing Chimeric Fragments of TcdA And TcdB Elicit Protective Immunity Against C. difficile Infection in Both Mice and Hamsters
Yuanguo Wang
University of South Florida, Tampa, FL USA

Clostridium difficile Infection in South-East Asia
Thomas V. Riley, Ph.D.
University of Western Australia, Australia

Disease Progression and Resolution in Rodent Models of Clostridium difficile Infection: Impact of Antitoxin Antibodies
Alex G. Therien, Ph.D.
Merck & Co., Kenilworth, NJ USA

Dissecting the Assembly Mechanism and Functional Role of the Outermost Exosporium Layer of Clostridium difficile Spores
Daniel Paredes-Sabja, Ph.D.
Universidad Andrés Bello, Santiago, Chile

1730  CONGRESS CONCLUDES