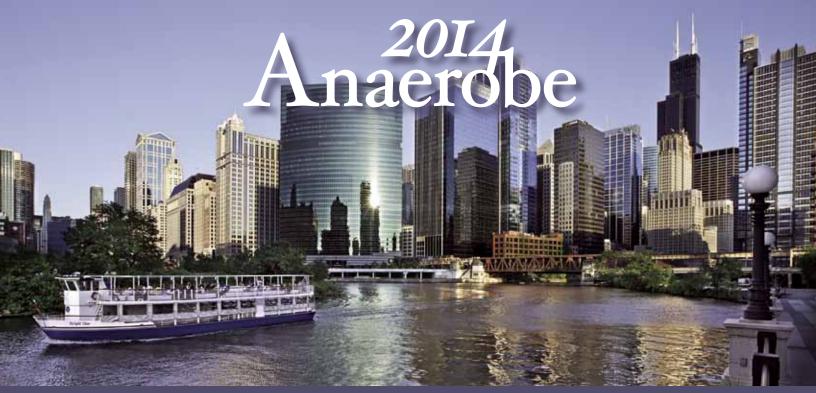
Westin River North Hotel + Chicago, Illinois USA + June 28-July 1, 2014



The 12th Biennial Congress of the Anaerobe Society of the Americas The 37th Congress of the Society for Microbial Ecology and Disease

PRE-CONGRESS INFORMATION PACKET





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For Additional Information Anaerobe Society of the Americas • PO Box 452058 Los Angeles, CA 90045-8526

Phone: 310-216-9265 • Fax: 310-216-9274 • E-mail: asa@anaerobe.org • Web site: www.anaerobe.org

I CONGRESS SITE:

Westin Chicago River North 320 N. Dearborn St. Chicago, IL 60654 Tel: + 1 (312) 744-1900 www.westinchicago.com

II AIRPORT TRANSPORTATION

TRAIN: The cheapest and often fastest way to get into the city from either airport is the CTA trains.

From O'Hare Airport (ORD): The Blue Line 'L' leaves from the center of the airport, takes 45 minutes, and costs \$5.

From Midway Airport (MDW): The station is next to the airport, takes 25 minutes, and costs \$2.25.

Both trains will take you to the Clark/Lake station. The hotel is located 3 blocks away. Walk North up Clark St., over the bridge, and the hotel driveway will be to the right, after the American Bar Association building.

SHUTTLE VAN: Go Airport Express offers shuttle bus service from both airports. From O'Hare Airport (ORD), the shuttle takes 25-90 minutes, and costs \$29. From Midway Airport (MDW), the shuttle takes 15-40 minutes, and costs \$24.50. Make reservations at the website: *airportexpress. hudsonltd.net* — enter Group Code: "AS2014", or use link on Anaerobe 2014 web site: *www.anaerobe. org.* For more information (800) 284-3826.

TAXI SERVICE: Averages \$40 from ORD and \$25 from MDW.

III CONGRESS SCHEDULE:

See Schedule on Page 4-5

REGISTRATION: Grand Ballroom Level Saturday, June 28, 0800-1600 Sunday, June 29-Monday, June 30, opens at 0700 Tuesday, July 1, opens at 0730

To avoid long lines on Sunday morning, we encourage you to register on Saturday, 1000–1600.

PRE-CONGRESS WORKSHOP: Workshop—Saturday, June 28, 0830-1630

POSTER PRESENTATIONS:

Session I—Sunday, June 29, 1300-1400 Session II—Monday, June 29, 1250-1350 Session III—Tuesday, July 1, 1245-1345

STUDENT PRESENTATIONS: Sunday, June 29, 1230-1400

ASA SOCIETY MEETING: Monday, June 29, 1715-1745

ARCHITECTURAL RIVER TOUR:

Saturday, June 28, 1730-2000 Chicago Architecture Foundation (CAF) River Cruise leaves the boat dock at Michigan Ave. and Wacker Dr. Tickets must be purchased by June 1. You must pick up your tickets at ASA Registration Desk on the Grand Ballroom Level of the hotel by 1600 on Saturday, June 28. See page 7 for map and details.

WINE & CHEESE RECEPTION: Sunday, June 29, 1745–1900

CONGRESS BANQUET:

Monday, June 30—Cocktails 1815, Dinner 1915, at Fulton's on the River. See page 7 for more details.

IV. E-MAIL:

A computer will be available at registration for accessing e-mail.

WI-FI will also be available in the registration area.

V WEATHER:

Projected forecast for Congress is: Daytime temperatures average around 80° F, 27° C; Evenings average 60° F, 16° C.

Rain is possible.

VI THE SETTING:

The Anaerobe 2014 Congress takes place at The Westin Chicago River North. This 4-Diamond Hotel has three dining options: Ember Grille for breakfast and lunch, Hana Lounge for cocktails and dinner, and the Kamehachi Sushi Bar for lunch and dinner. The hotel also offers a full fitness facility with state of the art equipment featuring personal TV monitors.

Situated on the banks of the Chicago River, the hotel is a short distance to the tourist attractions, restaurants, and retail stores of one of America's favorite cities. See page 8 for a list of some of the events taking place in Chicago, during the time frame of the Congress. To help plan your visit to Chicago, please consult the website: *www.choosechicago.com*.

VII DRESS:

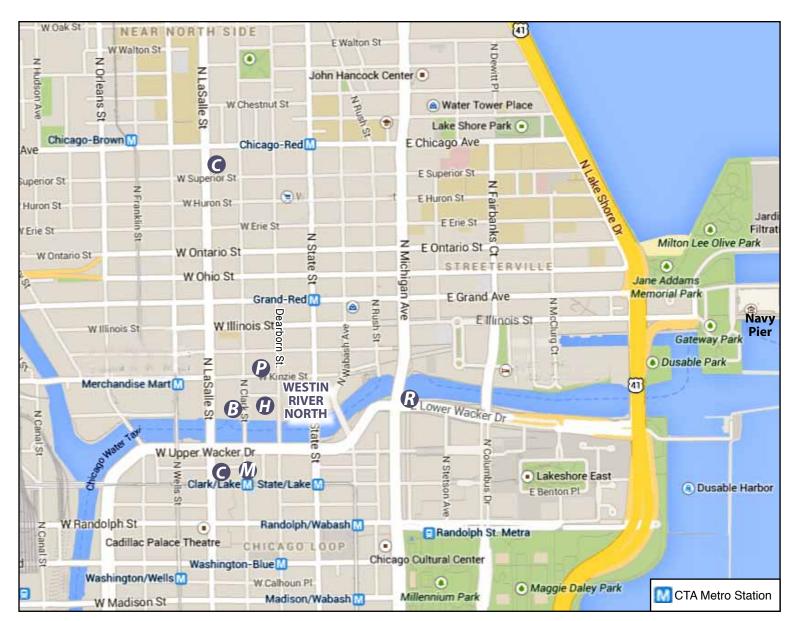
The appropriate dress will be casual for all meetings and events. *Tropical shirts encouraged*.

VIII CURRENCY EXCHANGE:

Chicago LaSalle Exchange: 777 N. LaSalle Dr., (312) 642-0226-2548 (Open 24 hours).

World's Money Exchange: 203 N. LaSalle St., Ste. M-11, (312) 641-2151 (Open M-F— 0845-1645).

Map & Parking Information



IX PARKING

The Westin River North offers **Valet Parking** for \$65 per night; \$56 per day. **Self Parking** is available at Greenway Parking, 60 W. Kinzie. Located a block north, special rates for hotel guests is \$52 for 24 hours, with unlimited in and out privileges. Prior to parking at Greenway, be sure to get your Greenway keycard from the Westin staff, which will give you access to the facility.

For drive-in day attendees, rates are \$15 for the 1 hour, \$26 for 2 hours, \$31 for 12 hours, and \$50 for additional hours per day. Special rates: For Saturday & Sunday, you can pre-pay parking on-line for \$18.90 (Merchandise Mart Parking—good for 12 hours). On Monday & Tuesday, the Early Bird Rate (in by 8:30am and out by 7pm) is \$18—plus discount coupons at registration will save you another \$3. Night rates (after 4pm) are \$14 for 3 hours, \$20 over \$3 hours.

Visit the website: www.greenwayselfpark.com or call: (312) 527-1265.

- **(**) Westin River North Hotel
- Indicate Parking
- G Indicates Currency Exchange
- B Indicates Banquet Location Fulton's on the River
- M Indicates CTA Clark/Lake Station
- **River** Cruise Boat Dock

800-1600

The **12**th Biennial Congress of the Anaerobe Society of the Americas The **37**th Congress of the Society for Microbial Ecology and Disease

SATURDAY, JUNE 28

CONGRESS REGISTRATION OPENS

800-1630 ANAEROBE IDENTIFICATION SUSCEPTIBILITY WORKSHOP

Diane M. Citron, Mike Cox, Kerin L. Tyrrell 1730-1900 ARCHITECTURAL RIVER BOAT TOUR

SUNDAY, JUNE 29

700 REGISTRATION / BREAKFAST / EXHIBITS

800-810 WELCOME Dale N. Gerding, M.D., President, ASA Andrew Onderdonk, Ph.D., President, SOMED

810-915 ECOLOGY OF THE MICROBIOTA Moderator: Wendy Garrett, M.D., Ph.D. GI Microbiome and Immune Modulation

Richard S. Blumberg, M.D.

Relating the Metatranscriptome and Metagenome of the Human Gut

Curtis Huttenhower, Ph.D.

Functional Characterisation of a Unique Homologue of Ubiquitin Produced by the Commensal Gastro-Intestinal Bacterium *Bacteroides fragilis*

Maria T. Kowal, Ph.D.

915-930BREAK—INDUSTRY EXHIBITS OPEN930-1030KEYNOTE ADDRESS

Moderator: Dale N. Gerding, M.D Our Disappearing Microbiota? Martin J. Blaser, M.D.

1030-1040 BREAK—INDUSTRY EXHIBITS OPEN

1040-1200 MICROBIOTA: REACHING BEYOND THE GUT Moderators: Cynthia L. Sears, M.D. Bennett Lorber, M.D.

Microbiota and Cancer Therapy Romina S. Goldszmid, Ph.D.

What's Buggin You?: The Role of the Gut Microbiome in Central Nervous System Disease

Lloyd H. Kasper, M.D.

The Role of Early-Life Microbiota in Shaping Adult Body Composition

Laurie M. Cox, Ph.D.

1200-1300 LUNCH / EXHIBITS STUDENT COMPETITION PRESENTATIONS 1300-1400 POSTER SESSION I / EXHIBITS

1400-1540 BENEFICIAL MICROBIOME MEMBERS

Caroline I. LeRoy

Moderator: Eugenia Bezirtzoglou, M.D., Ph.D. Probiotics—Rules and Problems Tore Midtvedt, M.D., Ph.D. Probiotics, Immunobiotics, and Diet in Predictive, Preventive, and Personalized Medicine Nadiya V. Boyko, D.Sc. Biodiversity of Intestinal Lactic Acid Bacteria and Health Marika Mikelsaar, Ph.D. Bifidobacteria and Rheumatism Eugenia Bezirtzoglou, M.D., Ph.D. Marie-Bénédicte Romond Ph.D. Probiotics in Prevention of Chronic Diseases Alojz Bomba, D.Sc. In vitro Investigation of Brachyspira pilosicoli—Host Metabolic Interactions 1540-1545 BREAK—INDUSTRY EXHIBITS OPEN
1545-1715 ANAEROBES IN THE ORAL CAVITY Moderator: Purima Kumar, D.D.S., Ph.D.
Fusobacterium nucleatum: A Commensal-Turned Pathogen Yiping Han, Ph.D.
Oral Bacteria and Systemic Disease: P. gingivalis Can Cause What?! Richard J. Lamont, Ph.D.
Oral Anaerobes in Health and Disease: 2014 Highlights Georg Conrads, Ph.D.
Highly Diverse Root Canal Microbiota in Chronic Apical Periodontitis According to Illumina Sequencing Reet Mändar, M.D. Ph.D.
1715-1745 ANAEROBE SOCIETY MEMBERSHIP MEETING
1745-1900 WINE & CHEESE RECEPTION

MONDAY, JUNE 30

700 REGISTRATION / BREAKFAST / EXHIBITS

730-830 SATELLITE SYMPOSIUM I A New Look at Anaerobes in the Clinical Laboratory Dave H. Pincus, David W. Hecht, M.D.

845-1025 SESSION VI: BIOFILMS IN ANAEROBIC INFECTIONS

Moderator: *David N. Fredricks, M.D.* Microbial Biofilms and Colon Cancer *Cynthia L. Sears, M.D.*

Gardnerella vaginalis Biofilms in Bacterial Vaginosis Adam J. Ratner, M.D., M.P.H.

Clostridium difficile Biofilms (in vitro) Adam Driks, Ph.D.

The Microbiome in Oral Health and Disease Purnima S. Kumar, D.D.S, Ph.D.

1025-1035 BREAK—INDUSTRY EXHIBITS OPEN

1035-1150 DIAGNOSTIC AND LABORATORY TECHNIQUES Moderator: Diane M. Citron Oscillibacter Who? What Shall We Do with These New Names? Diane M. Citron European Experience with Maldi-TOF MS in the Field of Anaerobes Elisabeth Nagy, M.D., Ph.D., D.Sc. Animal Models for Clostridium difficile Infection Vincent B. Young, M.D. 1150-1250 LUNCH / EXHIBITS 1250-1350 POSTER SESSION II / EXHIBITS 1350-1440 THE CARE AND FEEDING OF OUR INTESTINAL MICROBIOME Moderator: Andrew Onderdonk, Ph.D. Functional Dairy Foods and Human Intestinal Microflora Eugenia Bezirtzoglou, M.D., Ph.D. New Antimicrobial Strategy Based on Inhibition of Pathogen's Cell-to-Cell Signaling and Consecutive Virulence Features Expression by Probiotic Signal Molecules Veronica Lazar, Ph.D. 1440-1600 CLOSTRIDIUM SPP: HEALTH AND DISEASE Moderator: Carl Erik Nord, M.D. The Opportunistic Pathogen Clostridium speticum David M. Aronoff, M.D.

Life-Threatening Toxin Mediated Clostridial Infections Dennis L. Stevens, M.D., Ph.D.

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Spores of Clostridium Engineered for Clinical Efficacy and Safety Cause Regression and Cure of Tumors in vivo Nigel P. Minton, Ph.D. Clostridium sordellii Infections: Insights into the Pathogenesis of Disease Mike J. Aldape, Ph.D. Identification of the Host Receptor for *Clostridium perfringens* TpeL Toxin Indicates a Two-Receptor Model of Clostridial Glycosylating Toxins Panagiotis Papatheodorou, Ph.D. 1600-1610 BREAK—INDUSTRY EXHIBITS OPEN 1610-1710 SESSION X: WHOLE GENOME SEQUENCING Moderator: Ellen Jo Baron, Ph.D. Genomic Investigations of the Maternal Microbiome During Pregnancy and its Association with Preterm Birth Daniel B. DiGiulio, M.D. Urine is Not Sterile: New Tools Lead to New Hypotheses Alan J. Wolfe, Ph.D. 1710-1800 ANTIMICROBIALS AND RESISTANCE Moderator: Ellie J.C. Goldstein, M.D. The Drug Pipeline for Anaerobic Infections Ellie J.C. Goldstein, M.D. Antimicrobial Susceptibility Testing in Europe Carl Erik Nord, M.D. Emergence and Evolution of an International Clone of Multiresistant Bacteroides fragilis Isolates József Sóki, Ph.D. Evaluation of the Antimicrobial Susceptibility Profiling of Tigecycline and Other Antibiotics against Clinical Isolates Grigoria Mitropoulou, Ph.D. **1815 CONGRESS BANQUET RECEPTION:** FULTON'S ON THE RIVER 1915 CONGRESS BANQUET / AWARDS TUESDAY, JULY I 700 REGISTRATION / BREAKFAST / EXHIBITS 730-830 SATELLITE SYMPOSIUM II Primary Prevention of Clostridium difficile Infection with **Specific Probiotics** Stuart Johnson, M.D., Ellie J.C. Goldstein, M.D. 845-1000 VAGINAL MICROBIOME Moderator: Raina N. Fichorova, M.D, Ph.D. The Vaginal Microbiome: What's New Since 2012? Jeanne M. Marrazzo, M.D. Which Members of the Vaginal Microbiome are Associated with Amniotic Fluid Infections and PID? Sharon Hillier, M.D. The Differential Roles of Vaginal Bacteria in Tuning Mucosal Immunity Raina N. Fichorova, M.D, Ph.D. Effect of Intrauterine Contraception on Vaginal Microbiota Christine M. Bassis, Ph.D. 1000-1015 BREAK—INDUSTRY EXHIBITS OPEN 1015-1145 CLOSTRIDIUM DIFFICILE EPIDEMIOLOGY & PREVENTION Moderator: Stuart Johnson, M.D. Update on the Epidemiology of Clostridium difficile Infections from the CDC

L. Clifford McDonald, M.D.

New Insights into Clostridium difficile Transmission in the Hospital Based on Whole Genome Sequencing Mark H. Wilcox, M.D. Development and Progression of a Candidate Clostridium difficile Vaccine for the Prevention of Symptomatic CDI Patricia J. Freda Pietrobon, Ph.D. Laboratory-Based Surveillance of Clostridium difficile Strains Circulating in Australian Healthcare Thomas V. Riley, Ph.D. Does Binary Toxin Contribute to Clostridium difficile Infection? Sarah A. Kuehne, Ph.D. 1145-1245 LUNCH / EXHIBITS 1245-1345 POSTER SESSION III / EXHIBITS 1345-1500 CLOSTRIDIUM DIFFICILE TREATMENT & **IMMUNITY** Moderator: David M. Aronoff, M.D. Optimizing Existing Therapies for Clostridium difficile Infections Stuart Johnson, M.D. Emerging Drugs and Vaccines against Clostridium difficile: A New Strategy for the Prevention Kevin Garey, Pharm.D. A New Strategy for the Prevention of Clostridium difficile Infections Ernesto Abel-Santos, Ph.D. Global Analysis of the Role of Inflammation in Clostridium difficile Colonization and Disease Gary B. Huffnagle, Ph.D. 1500-1510 BREAK—INDUSTRY EXHIBITS OPEN 1510-1610 BACTERIAL THERAPY Moderator: Vincent B. Young, M.D., Ph.D. Non-Toxigenic Clostridium difficile (NTCD) for Prevention of Recurrent C. difficile Infection (CDI) Dale N. Gerding, M.D. Treatment Approaches for Resolving Recurrent Clostridium *diffici*le Infections Johan S. Bakken, M.D., Ph.D. 1710-1640 NEW INSIGHTS INTO CLOSTRIDIUM DIFFICILE **PATHOGENESIS** Moderator: Glenn S. Tillotson, Ph.D. In-Depth Proteomic Analysis of the Toxigenic and Non-Toxigenic Clostridium difficile Secretome Hercules Moura, Ph.D. Different Ways to Die: Epidemic-Associated Clostridium difficile Remodels its Cell-Surface, and Manipulates the Host Innate Immune System to Cause Severe Disease Gayatri Vedantam, Ph.D. Intersection of Metabolism and Pathogenesis in Clostridium difficile Laurent Bouillaut, Ph.D. Conserved Oligopeptide Permeases Modulate Sporulation Initiation in *Clostridium difficile* Adrianne N. Edwards, Ph.D. Defining the Early Stages of Clostridium difficile Spore Germination Joseph A. Sorg, Ph.D. Complex Regulation of Clostridium difficile Biofilms Meera Unnikrishnan, Ph.D. Mechanisms of Iron Acquisition in Clostridium difficile Paul Carlson Jr., Ph.D.

1740-1750 CLOSING REMARKS

Session Presentations

Invited Presentations will be 20 minutes in length, including questions, unless otherwise instructed by the Session Chair. **Oral Presentations**, selected from submitted abstracts, are 10 minutes, including time for questions. Time limits will be strictly enforced. We have a very busy program

Presenters are required to prepare presentations in Powerpoint. Let us know as soon as possible if you require any other presentation equipment, such as audio feeds.

Please e-mail your presentations to *asa@anaerobe.org* by June 18, 2014 for review.

In addition, bring your presentation to the Congress on a CD or Flash Memory drive.

Please deliver your presentation to the Registration Desk, upon registration.

POSTER PRESENTATIONS

Posters are being divided into four presentation sessions.

Student Presentations: Participants in the Student Competition will prepare a poster and present their work to a panel of judges on Sunday, June 29. Posters should be posted during the morning of Sunday, June 29. Students will meet with judges at 1200 for lunch, and oral presentations in front

Presentations

of posters will begin at 1230. Presentations should be no more than five minutes, and judges will have five minutes for questions. Lunch will be provided for Student Presenters. Your Posters will also be in Poster Session I and should be removed by the end of the Oral Sessions.

Poster Session I: Posters should be posted during the morning of Sunday, June 29. Posters Presentations will take place from 1300-1400 on Sunday. Posters need to be removed by the end of the Oral Sessions.

Poster Session II: Posters should be posted before the Oral Sessions begin on Monday morning, June 30. Posters Presentations will take place from 1250-1350 on Monday. Posters need to be removed by the end of the day.

Poster Session III: Posters should be posted before the Oral Sessions begin on Tuesday morning, July 1. Posters Presentations will take place from 1245-1345 on Tuesday. Posters need to be removed after the poster session

Poster Session assignments were specified in your Acceptance Letter. Verify your assignment and location in the Abstract Book.

Though your abstract will be in the Abstract book, handouts are encouraged.

MOUNTING POSTER PRESENTATIONS

Poster space is limited to a total of 6 feet (183 cm) horizontal and 4 feet (122 cm) vertical. Please prepare your poster to fit within these specifications.

Posters will be mounted on poster boards provided. Congress will supply push pins and number cards, identifying the posters to the abstract numbers in the Abstract Book.

POSTER PRINTING OPTION

So that you do not have to physically carry your poster to the Congress, Graphicsland Inc. is offering special pricing for printing and delivering posters to the Congress. Posters that are 6 feet x 4 feet are \$91.94; 6 feet x 3 feet are \$53.99. You can upload your poster and place your order at:

www.makesigns.com/conference/1898/asa-anaerobe-society-of-the-americas-annual-congress

ARCHITECTURAL RIVER TOUR—SATURDAY, JUNE 28

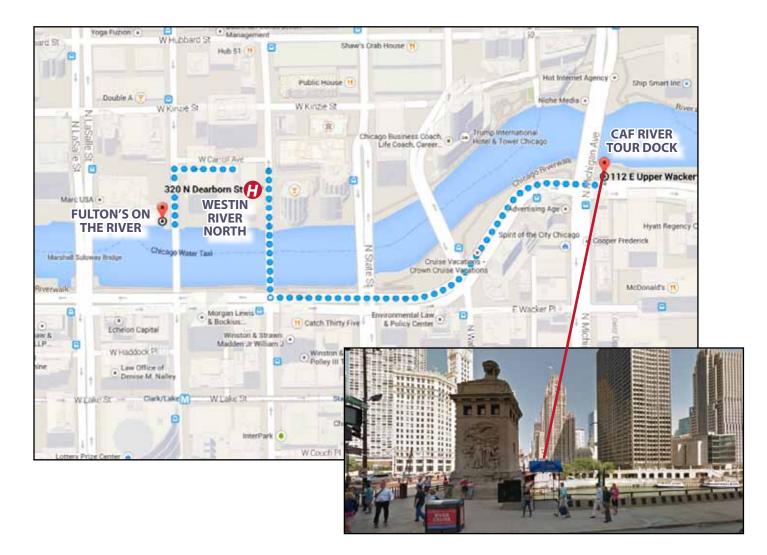
Chicago Architecture Foundation (CAF) River Cruise (1730-1900) leaves from the boat dock at Michigan Ave. and Wacker Dr. (112 E. Upper Wacker Dr—a 15 minute walk from the hotel). Tickets must be purchased by June 1. You must pick up your tickets at ASA Registration Desk on the Grand Ballroom Level of the hotel by 1600 on Saturday, June 28. It is recommended that you arrive at the boat dock by 1700 to have the best choice of seats. See map below for the best walking route. When you arrive at the address, you will go down the stairs, at the awning, to the boat landing for boarding.

WINE & CHEESE RECEPTION—SUNDAY, JUNE 29

Congress participants and their spouses are invitied to attend the Wine & Cheese Reception following the ASA Business Meeting (1745-1900).

Congress Reception & Banquet — Monday, June 30

The Congress Banquet will be held at the restaurant Fulton's on the River. Only steps from the Congress hotel, the restaurant's banquet rooms are located at river level. Guides will direct you to the entrance. The evening will include a reception (1815-1915) with hors d'oeuvres and drinks served outdoors, riverside. Dinner will follow at 1915. Over dessert, Congress awards will be presented, including *The Finegold Award for Best Abstract* and the *Young Investigator's Awards*. In addition, the *Lifetime Achievement Award* will be presented to Mike Cox of Anaerobe Systems.



As Frank Sinatra sings, Chicago is "one town that won't let you down." And how can it, with world-renown museums, cultural activities, zoos, shopping for all budgets, architectural landmarks, and some of the finest restaurants in the world.

Here are a few of the activities happening at the time of the Congress. Further information is available at: *www. choosechicago.com*.

ADLER PLANETARIUM

Destination Solar System Cosmic Wonder Undiscovered Worlds

ART INSTITUTE OF CHICAGO

When the Greeks Ruled Egypt Magritte: The Mystery of the Ordinary, 1926-1938 Ethel Stein, Master Weaver

CHICAGO HISTORY MUSEUM

Railroaders: Jack Delano's Homefront Photography Vivian Maier's Chicago Lincoln's Chicago

CHINATOWN

Dragon Boat Races (June 28)

DRIEHAUS MUSEUM Louis Comfort Tiffany

THE FIELD MUSEUM

The Machine Inside: Biomechanics Wonders of the 1893 World's Fair Tiny Giants 3D

GREEKTOWN

World Largest Block Party (June 27-28)

MILLENNIUM PARK

Chicago SummerDance Grant Park Music Festival Millennium Park Film Series (Tues.)

MUSEUM OF CONTEMPORARY ART

Frida Kahlo Alexander Calder Isa Genzken Earthly Delights

MUSEUM OF SCIENCE & INDUSTRY

Earth Explorers Treasures of the Walt Disney Archives Future Energy Chicago

NORTHALSTED

Gay Pride Parade (June 29)

SHEDD AQUARIUM

- Jellies Amazon Rising Caribbean Reef Abbott Oceanarium
- SMITH MUSEUM OF STAINED GLASS WINDOWS 150 stained glass windows

SPORTS

Cubs host Washington Nationals (June 26-29) White Sox host Los Angeles Angels (June 30-July 2). ITU World Triathlon Series (June 27-29)

CULTURAL EVENTS

Events include music festivals (classical, country, indie rock, and gospel) and theater performances of the Blue Man Group, Second City, Motown the Musical, *Brigadoon* at the Goodman Theatre, and Sting's *The Last Ship* at the Schubert.

And if you want to stay thru the 4th of July, there is the world class fireworks display over Lake Michigan.

CHICAGO CITYPASS

Save 50% off Chicago's best attractions, plus skip lines. Chicago CityPASS includes VIP admission to: Shedd Aquarium, The Field Museum, Skydeck Chicago, Adler Planetarium OR Art Institute of Chicago and Museum of Science and Industry OR John Hancock Observatory. Valid 9-days. Cost: Adult \$94 (value \$187.90); Child (3-11) **\$79**.

SHOPPING

The Westin River North Hotel is located just steps away from world-class shopping, including The Levi's Store, The Apple Store, Macys, Neiman Marcus, Gumps, Saks Fifth Avenue, and Nordstroms, along the Magnificent Mile (Michigan Avenue) rubbing elbows with numerous discount stores, such as Marshalls, H&M, and Nordstrom Rack. Macys and Bloomingdales are offering discounts to Congress attendees.

RESTAURANTS

Though the Congress will provide a Continental Breakfast each morning and the optional Banquet on Monday night, you will be on your own for all your other meals. And you will have plenty of eating options. There are numerous restaurants within a short distance of the hotel. Choices vary from fast food to fine dining.

A map of nearby restaurants will be included in attendee packet.

What to Do in Chicago

PATRONS & EXHIBITORS

Anaerobe 2014 is supported by educational grants from:

Burroughs Wellcome Fund European Society of Clinical Microbiology & Infectious Diseases Gut Check Foundation

Support from commercial interests include:

Platinum Patrons CUBIST **SANOFI** PASTEUR **Gold Patrons** MERCK BIOMÉRIEUX Silver Patrons Anaerobe **Systems** TERNATIONAL INC. **Bronze** Patrons ACTELION TECHLAB^{*}] lere

Exhibitors

Advanced Instruments Bruker Daltonic Cephied Coy Laboratory Products Hardy Diagnostics Key Scientific Products List Biological Laboratories Microbiology International Shel Lab



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Valid through December 31, 2014. *Reserved for visitors only. See certificate in store for restrictions and details. **Limit one per registered visitor, with same-day receipts totalling \$200 or more. While supplies last. Offer valid only at the locations listed above.