ANAEROBE OLYMPIAD 2002

The 6th biennial Congress of the Anaerobe Society of the Americas

Park City, Utah USA — June 29–July 2, 2002



Sponsored By:

Anaerobe Society of the Americas • Loyola University Chicago—Stritch School of Medicine • Microbiology Educational Services

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ANAEROBE OLYMPIAD 2002

The 6th biennial Congress of the Anaerobe Society of the Americas

Park City, Utah USA — June 29–July 2, 2002

The Anaerobe Society of the Americas (ASA) hosts its 6th biennial Congress—**ANAEROBE OLYMPIAD 2002**—June 29-July 2, 2002 in beautiful Park City, Utah, USA, home of the alpine events of the 2002 Winter Olympics. Since it will be six years since ASA has held a Congress in the United States, we anticipate that **ANAEROBE OLYMPIAD 2002** will prompt vigorous enthusiasm in both clinical and microbiological aspects of anaerobic infections, their diagnosis, and their therapy among medical practitioners and researchers by mixing theory and practical applications. The Congress will consist of invited speakers, oral presentations, and poster presentations.

Target Audience

Researchers, clinicians, and technicians from around the world are invited to attend and participate in this Congress to engage in presentations, exchanges, and dialogue on issues related to the study of anaerobes. We particularly hope to attract bench hospital microbiologists, offering a Pre-Congress workshop on *Anaerobic Bacteriology for the Clinical Laboratory.*

Educational Objectives

Upon the completion of this Congress, participants should be able to:

- Recognize the taxonomic changes among anaerobes and their importance in clinical infections.
- Identify the virulence factors associated with human and animal anaerobic bacteria and their implications for pathogenesis and therapeutic intervention.
- Understand the pharmacology, in vitro spectrum, and therapeutic activity of new antimicrobial agents active against anaerobes.

ANAEROBE OLYMPIAD 2002

About Park City

The beauty of Park City, Utah was showcased in February as home of the alpine events at the 2002 Winter Olympics. Located only 36 miles from Salt Lake City International Airport, this mountain village offers the ambience of an Old Western mining town and the amenities of a modern resort.

Summer brings wildflower-covered slopes, warm clear days with low humidity and cool, comfortable nights—perfect weather for golf, tennis, mountain biking, fly-fishing, horse-back riding or hiking. Days are never too full here to squeeze in a little shopping on historic Main Street or a great meal at one of over 100 restaurants. Transportation around town is provided by free shuttle buses.

Here is just a sampling of the activities available:

Park City International Music Festival
This summer's Festival will run June 17 – July 28 with events including world-class artists from around the globe performing at the resorts and in churches and galleries.

Mountain Biking and Hiking Tours
Park City offers hundreds of miles of Mountain Biking and Hiking Trails. Multi-day, full- and 1/2-day tours for both beginners and intermediate riders and bike rental is available.

Hot Air Balloon Adventures
Several Hot Air Balloon companies schedule flights daily with both a 1/2-hour sunrise adventures and 1-hour Mountain adventures.

Horse Back Riding
Guided horseback tours are offered by the hour or 1/2-day.

White Water Rafting
Enjoy the beauty and excitement of riding the rapids. Several companies offer 2-hour and full-day trips.

Trout Fishing
A wide variety of fly-fishing experiences from 1/2-day trips to multi-day adventures can be found.

Park City Museum
Featuring exhibits on Park City's history.

Summer Theatrefest 2002
June 21, 2002 – September 1, 2002
Professional musical theatre in the cool mountain air.

Dining
Park City has over 100 restaurants from which to choose. You will find everything from local hearty Western faire to award-winning gourmet dining.

Shopping
Historic Main Street offers dozens of fine shops and boutiques Just a few miles down the road is the Factory Stores @ Park City with over 50 outlet stores.

Additional information about the Park City area can be found at the web site: *www.parkcityinfo.com*.

ANAEROBE OLYMPIAD 2002

Presenters

Steve Allen, M.D.
Indiana University Medical Center
Indianapolis, IN USA

Jon Brazier, Ph.D.
University Hospital of Wales
Cardiff, Wales United Kingdom

Diane Citron
R.M. Alden Research Laboratory
Santa Monica/UCLA Medical Center
Santa Monica, CA USA

Georg Conrads, Ph.D.
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Aachen, Germany

Mike E. Cox
Anaerobe Systems
Morgan Hill, CA USA

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Manchester, England UK

Luc J. Dubreuil, Pharm.D.
2000 Finegold Award Winner
Faculty de Pharmacy
Lille, France

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Lincoln, NB USA

Sydney Finegold, M.D.
Founding President, ASA
VAMC West Los Angeles
UCLA School of Medicine
Los Angeles, CA USA

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Pittsburgh, PA USA

Carl E. Nord, M.D.
Huddinge University Hospital
Huddinge, Sweden

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Brigham and Women's Hospital
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University of Edinburgh
Edinburgh, Scotland UK

Marilyn C. Roberts, Ph.D.
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Seattle, WA USA

Maja Rupnik, Ph.D.
University of Ljubljana
Ljubljana, Slovenia

R. Balfour Sartor, M.D.
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Chapel Hill, NC USA

C. Jeffrey Smith, Ph.D.
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Greenville, NC USA

Dennis L. Stevens, M.D.
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Gayatri Vedantam
Loyola University Medical Center
Hines VA Hospital
Maywood, IL USA

Laurie Ann Ximenez-Fyvie, D.D.S.
National University of Mexico
Mexico City, Mexico

William Wade, Ph.D.
King's College
London, England UK

Michel Warny, M.D., Ph.D
Acambis Inc.,
Cambridge, MA USA

ANAEROBE OLYMPIAD 2002

Preliminary Program



Continuing Education Units

This workshop is offered through Microbiology Educational Services, an accredited agency for continuing education for clinical laboratory scientists by the California Department of Health Services. Attendees may report up to 6.0 continuing education contact hours at the completion of the program.

Saturday, June 29, 2002

0800-1700 Registration

0900-1700 Pre-Congress Workshop:
Anaerobic Bacteriology for the Clinical Laboratory

Diane Citron
Mike Cox
Hannele Jousimies-Somer

This is a 1-day workshop discussing the importance of anaerobic infections and the role of the clinical laboratory in their diagnosis and treatment. Lectures will cover proper specimen collection, transport, and initial processing methods, including the use of selective and differential media. Several identification methods will be presented including the use of special potency antibiotic disks for grouping of organisms and other rapid and conventional tests for more definitive identification. Antimicrobial agents and susceptibility testing using agar dilution, broth microdilution, Etest, and beta-lactamase test methods will be discussed.

An interactive computer program, the *Anaerobe Educator*, will be used to familiarize the participants with characteristics of 20 different anaerobes. During the final part of the workshop, the participants will identify 15 anaerobes using pictures of colonies, gram stains, and other test results. There will be ample time for questions and discussion.

The cost of the workshop is $125, which includes coffee breaks, lunch, a copy of the computer training program *Anaerobe Educator*, and a copy of the *Wadsworth Anaerobic Bacteriology Manual* (6th edition), being published Spring, 2002. As space in the workshop is limited, preference will be given to Congress Registrants.

SUNDAY, JUNE 30, 2002

0730 **Registration/Continental Breakfast**

0845-0900 **Welcome Remarks**
David Hecht

0900-1020 **Session I: *Update on Taxonomy of Anaerobic Bacteria***
Chairs: Sydney Finegold, Hannele Jousimies-Somer

Gram-Negative Anaerobes
Hannele Jousimies-Somer

Clostridia and Anaerobic Cocci
Sydney Finegold

Gram-Positive Nonsporing Anaerobic Rods
William Wade

Novel Database for the Identification of Anaerobic Bacteria
Mike E. Cox

Oral Presentations

1020-1040 **Break**

1040-1130 **Session II: Keynote Address**

Interactions Between Commensal Bacteria and the Mucosal Immune System in Genetically Susceptible Hosts
R. Balfour Sartor

1130-1300 **Session III: Pathogenesis and Virulence Factors of Anaerobe I**
Chairs: David Hecht, Dennis Stevens

Sex and the Single Bacterium—*Bacteroides Conjugation Pili*
Gayatri Vedantam

The Complex Oxidative Stress Response of *Bacteroides fragilis*
C. Jeffrey Smith

Oral Presentations

1300-1430 **Box Lunch — Poster Presentations**

1430-1600 **Afternoon Break**

1600-1730 **Session IV: Oral Session I**
Chair: Mark Maiden

Methylglyoxal Accumulation by *Bacteroides forsythus*: Another Odd Trick of an Unusual Organism
Mark Maiden

Acquisition and Transmission of Oral Pathogens
Eugene J. Levy

Oral Presentations

1730-1800 **ASA Organizational Meeting**

1800-1930 **Wine & Cheese Reception**

ANAEROBE OLYMPIAD 2002

Preliminary Program

Monday, July 1, 2002

0730 **Registration/Continental Breakfast**

0815-0925 **Session V: Antimicrobial Agents**

Chair: Ellie J.C. Goldstein

Advances and Alternatives in Antimicrobial Therapies
Ellie J.C. Goldstein

Propionibacterium acnes Strains Isolated from Antibiotic-Treated Patients with Acne Vulgaris ARE Resistant
Carl E. Nord

Anaerobes: Lessons from French Multicentric Surveys
Luc J. Dubreuil

Oral Presentations

0925-0940 **Break**

0940-1050 **Session VI: Microbiology**

Chair: Andy Onderdonk

Clostridium novyi in Injecting Drug Users: Characterization of Strains and the Antibody Response to *C. novyi* in Health and Disease
Ian Poxton

Oral Presentations

1050-1110 **Break**

1110-1230 **Session VII: Oral Anaerobes: Identification/Resistance/Clinical**

Chairs: Marilyn Roberts
Laurie Ann Ximenez-Fyvie

Mobile Elements—Natures' Molecular Biologist
Marilyn Roberts

Early Colonization of Periodontal Species in Subgingival Plaque
Laurie Ann Ximenez-Fyvie

Optimizing The Phylogenetic Resolution of Ribosomal Sequences By Combining 16s rDNA, 23s rDNA, And 16s-23s rDNA ITS Information
Georg Conrads

Geographically Distinct Human *Porphyromonas gingivalis* on the Basis of Polar Lipid Fingerprinting
David B. Drucker

Oral Presentations

1230-1630 Afternoon Break

1630-1750 Session VIII: Pathogenesis and Virulence Factors of Anaerobe II

Chairs: David Hecht
Dennis Stevens

Clostridium perfringens Gas Gangrene: Ancient Nemesis, Modern Concepts
Dennis Stevens

Clostridium perfringens Enterotoxin: Basic Science to Beside
Bruce A. McClane, Ph.D.

Oral Presentations

1900-2200 Congress Reception & Dinner U.S. Olympic Training Center

Aerial Freestyle Skiing Demonstration by U.S. Olympic Ski Team

Congress Awards

Congress Social Events

A Wine and Cheese reception will be held at the Marriott Hotel on Sunday evening, at the conclusion of the day's sessions.

A Congress Dinner will be held at the Utah Olympic Park on Monday evening, and bus transportation from the hotel will be provided. Highlighting the evening will be a demonstration of Aerial Freestyle Skiing by members of the U.S. Olympic team, along with presentation of the Congress Awards.



ANAEROBE OLYMPIAD 2002

Preliminary Program

Tuesday, July 2

0800 **Registration/Continental Breakfast**

0830-0950 **Session IX: Veterinary**

Chair: Spencer Jang

Colitis of Colony-Raised Rhesus Macaques Associated with Attaching and Effacing Brachyspira and Helicobacter Species
Gerald E. Duhamel

Clostridium perfringens-Associated Diarrhea in the Dog: Fact or Fiction?"
Stanley Marks

Oral Presentations

0950-1100 **Poster Presentations**

1100-1200 **Session X: Clinical**

Chairs: Dale Gerding
Sherwood L. Gorbach

40 Years of Stalking Anaerobes
Sherwood L. Gorbach

A Review of Lemierre's Disease and Reports of *Fusobacterium necrophorum* Infections in England and Wales 1990-2001.
Jon Brazier

Oral Presentations

1200-1330 **Lunch Break**

1330-1500 **Session XI: New Insights Into *Clostridium difficile* Infections and Epidemiology**

Chairs: Steve Allen
Stuart Johnson

Immune Response to *Clostridium difficile* Infection and Clinical Outcomes
Michel Warny

Binary Toxin Producing *Clostridium difficile*
Maja Rupnik

Clostridium difficile Toxin Variants and Difficulties with their Diagnosis
Stuart Johnson

Oral Presentations

1500-1530 **Session XII: Closing Session**

Closing Remarks
David Hecht

Marriott Hotel • Park City, Utah USA • June 29–July 2, 2002
Registration

Use the Registration Form on pages 13-14 to register for the Congress and Workshop. Registration fees, as stated on the forms, must be paid in U.S. dollars. Discounts are offered to Members of the *Anaerobe Society of the Americas*, students (with submission of current identification), and for pre-registration received by May 20, 2002.

Congress Registration includes Delegate packet, Abstract Book, admission to Congress sessions and poster areas, Continental breakfast, coffee breaks, Sunday box lunch, and Sunday evening reception. Full registration also includes the Congress Dinner with transportation Monday evening. Additional dinner tickets may be purchased separately.

Confirmation packets will be sent out in late May. No advance registrations will be accepted after June 20, 2002. Registration fees at the door must be paid in cash (U.S. Dollars).

Accommodation options are presented on page 12. Accommodations will be assigned on a first-come basis. To receive the Congress discounts, reservations must be made through the Congress office and received by May 20, 2002. After May 20 reservations will be accepted on a space and rate available basis booked directly with the hotel at 800-234-9003. Reservations must be accompanied by credit card information to guarantee the room at the Congress rate.

4 Ways To Register

On-Line: You can register for **ANAEROBE OLYMPIAD 2002** via the Internet, using a credit card, at our web site: *www.anaerobe.org*.

By FAX: Registration forms, with credit card information, can be faxed to: +310-216-9274.

By Mail: Registration forms, with credit card information or checks (for early registration only) can be mailed to:

ASA, P.O. Box 452058, Los Angeles, CA 90045.

By Delivery Service: Registration forms, with credit card information or checks (for early registration only) can be mailed to:

Dr. Ellie J.C. Goldstein, 2021 Santa Monica Blvd.,
Suite 640E, Santa Monica, CA 90404-2206 USA

Cancellation Policy

Congress registration and banquet fees will be refunded if written notification is received by June 20, 2002. Hotel reservations can be cancelled with no charge up to 48 hours prior to your scheduled arrival by contacting the hotel directly at 800-234-9003.

ANAEROBE OLYMPIAD 2002

Accommodations and Transportation

Accommodations

The Congress will be held at the **Park City Marriott Hotel.** The hotel has indoor and outdoor swimming pools and spas, exercise facilities, a gourmet restaurant, and club lounge. Golf, tennis, and other recreational activities can be arranged. Other restaurants and stores are within walking distance, and a free shuttle bus can take you around the city.

Hotel rooms are available at a rate of $89 + tax per night. Studio condominiums with queen bed, sofa sleeper, and kitchen are $99 + tax per night and 2 bedroom condominiums with queen beds, sofa sleeper, and kitchen are $169 + tax per night. Condominiums are all non-smoking rooms.

Base Camp Park City is a hostel offering affordable lodging on Main Street. Rates are $25 per person, per night. You can reserve a bed directly with them at 888-980-7244 or on their web site: *www.parkcitybasecamp.com*.

Transportation

Salt Lake City is served by many airlines, and air fare, car rental, and shuttle discounts are available.

Delta Air Lines Promotion

Delta Air Lines is the official airline of **ANAEROBE OLYMPIAD 2002**, offering the most direct flights to Salt Lake City, UT. Delta is offering a 5% discount off round-trip restricted fare tickets* and a 10% discount off unrestricted fare tickets within the United States, Bermuda, Caribbean, Mexico, and Canada. By purchasing your ticket 60 days or more prior to your departure date, you can receive an additional 5% bonus discount (totalling 10% off restricted fares; 15% off unrestricted fares).

Delta is also offering a 6% discount on fares for flights originating in Brazil, Japan, and Europe. To take advantage of these fares, call Delta Meeting Network reservations at 800-241-6760 (8am-11pm est), or your local Delta Reservations office. Refer to File Number 180068A.

**Applicable restrictions must be met. Seats are limited. Booking classes I and U are not eligible for Delta Meeting Network discounts.*

AVIS Car Rental

Avis is the official car rental for **ANAEROBE OLYMPIAD 2002**, offering a 5% discount off the best available rate for rentals between June 22 and July 10, 2002. Reservations can be made calling 800-331-1600 or on-line at *www.avis.com.* Use the AWD/Corporate Discount Number D005816.

Airport Shuttle Service

All Resorts Express offers transportation from Salt Lake City Airport direct to the Park City Marriott for a discount rate of $27 per person ($54 round trip). Shuttles leave the airport every 20 minutes. Tickets can be purchased in advance using the Congress registration form or contact All Resort Express directly at 800-457-9457, by e-mail: *transfer@allresort.com*, or at their web site: *www.allresort.com*.

ANAEROBE OLYMPIAD 2002 CONGRESS REGISTRATION FORM

(Please type or print)

Surname_____ First Name _____

Institution _____

Address _____

_____

City/State_____ Country _____ Postal Code _____

Phone _____ Fax _____

E-mail _____

☐ M.D. ☐ Ph.D. ☐ D.V.M. ☐ D.D.S. ☐ Other _____

HOTEL REGISTRATION

The following are Park City accommodation options. See previous page for descriptions. Indicate housing choice below. Number of beds is an option for the Hotel Room only. Accommodation Confirmation will be sent in the delegate packet.

☐ Marriott Hotel Room—$89/night No of Beds _____ ☐ Smoking ☐ Non-Smoking

☐ Studio Condo—$99/night ☐ Two Bedroom Condo—$169/night Condos are Non-Smoking Only

Arrival Date: _____ **Departure Date:** _____

For special arrangements contact the hotel directly.

For Guaranteed reduced hotel rates, the registration deadline is May 20, 2002. All reservations must be guaranteed with a credit card. A credit card imprint will be requested upon check-in for payment.

ANAEROBE OLYMPIAD 2002 CONGRESS REGISTRATION FEES

Indicate Choice and Quantity	Received By May 20, 2002	Received After May 20, 2002
Members of ASA		
_____ Full Package (including Congress Dinner)	$170	$200
_____ Meeting Attendance only	$110	$140
Nonmembers		
_____ Full Package (including Congress Dinner)	$200	$240
_____ Meeting Attendance only	$140	$180
Students (send a copy of current ID)		
_____ Meeting Attendance only	$60	$80
_____ **Additional Congress Dinner Tickets (each)**	$65	$65
Pre-Congress Workshop		
_____ *Anaerobic Bacteriology for the Clinical Laboratory*	$125	$125
Continuing Education Units		
_____ Catergoty 1 CME—15 hours	$15	$15
_____ Laboratory Technicians—15 hours	No Charge	No Charge
Airport/Hotel Shuttle		
_____ One-Way	$27	$27
_____ Round-Trip	$54	$54
Total Payment Due	_____	_____

PAYMENT OPTIONS

☐ Check ($ US) ☐ Credit Card Number: | | | | | | | | | | | | | | | |

Payment will be processed in U.S. Dollars. Expiration Date: _____/_____
Month Year

☐ Visa ☐ MasterCard ☐ American Express Signature: _____

ANAEROBE OLYMPIAD 2002
Accreditation & Underwriters

Accreditation
This activity has been planned and implemented in accordance with the Essentials Areas and Policies of the Accreditation Council for Continuing Medical Education through joint sponsorship of **Loyola University Chicago Stritch School of Medicine**, the **Microbiology Educational Services**, and the **Anaerobe Society of the Americas**.

The Loyola University Chicago Stritch School of Medicine, Division of Continuing Medical Education designates this educational activity for a maximum of 15 hours of Category 1 credit towards the AMA Physician's Recognition Award. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

The Loyola University Chicago Stritch School of Medicine is accredited by the ACCME to provide continuing medical education for physicians and takes responsibility for the content, quality, and scientific integrity of this CME activity.

Clinical Laboratory Scientist Accreditation
Microbiology Educational Services designates this educational activity for a maximum of 15 continuing education contact hours upon completion of the program. Each clinical laboratory scientist should claim only those hours of credit that he/she actually spent in the educational activity.

Microbiology Educational Services is accredited by the California Department of Health Services to provide continuing education for clinical laboratory scientists.

Initial Underwriters
Initial grants and support have been provided by:

BRISTOL MYERS SQUIBB COMPANY

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Pfizer

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ANAEROBE SYSTEMS

ANAEROBE OLYMPIAD 2002

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IMPORTANT DATES

May 1, 2002	Abstract Withdrawal Deadline
May 20, 2002	Early Registration Deadline
	Hotel Reservation Deadline
June 20, 2002	Advanced Registration Deadline
June 29, 2002	Pre-Congress Workshops
June 30, 2002	Congress Opens

Updated Program Information at *www.anaerobe.org*

For More Information

More information on the **ANAEROBE OLYMPIAD 2002** is available at the web site: *www.anaerobe.org*.
Additional information is available from Anaerobe Society of the Americas:

phone: + 310-216-9265
fax: + 310-216-9274
e-mail: *asa@anaerobe.org*

About the Anaerobe Society of the Americas

Founded in 1992, the Anaerobe Society of the Americas is a non-profit foundation. Membership is available to anyone with an interest in the field of anaerobes. Membership include a subscription to the *Anaerobe* journal, the *ASA Newsletter*, the *ASA Internet Discussion Forum*, and discount registration to the ASA Congresses. Annual dues are: Doctoral, $70; Non-doctoral, $35; and Student (verified), $20.