

ACADEMY OF SURGICAL RESEARCH



24TH ANNUAL MEETING

November 6-8, 2008
Downtown Hyatt,
Indianapolis

www.surgicalresearch.org

Thursday, November 6, 2008

- 8:00 – 12:00 SRA, SRT, SRS examinations
Cosmo A Ballroom
- 1:00 – 4:00 Board of Directors Meeting
Vision Room
- 5:30 – 7:30 Poster viewing
Cosmo B Ballroom
- 5:30 – 7:30 Welcome Reception with Exhibitors
Cosmo B Ballroom

Friday, November 7, 2008

- 7:00 – 8:00 Continental Breakfast with Exhibitors /
Poster Viewing
Cosmo B Ballroom
- 8:00 – 8:15 Opening Remarks – Dr. Michael Talcott
President Academy of Surgical Research
2008
Cosmo C & D Ballrooms
- 8:30 – 12:00 Wet Lab #1 at Methodist Research Insti-
tute (Require separate registration)
"Interventional Radiology" -
Michael Talcott, DVM, DACLAM, Division
of Comparative Medicine, Washington
University School of Medicine
- 8:30 – 12:00 Wet Lab #5 at Hyatt (Requires separate
registration) **"Laparoscopic Lecture and
Training with Simulators" Part 1** –
Marcel I. Perret-Gentil, DVM, MS, Laboratory
Animal Resources Center – Research, Sur-
gical and Training Programs, The University
of Texas at San Antonio
Cosmo A Ballroom
- 8:30 – 9:30 **"The Principles of Surgical Research"**
Vince Mendenhall, D.V.M., PhD
Director, Preclinical Surgical Services
Wake Forest University Health Sciences
Cosmo C & D Ballrooms
- 9:30 - 9:45 Coffee Break with Exhibitors
Cosmo B Ballroom

Friday, November 7, 2008

- 9:45 – 12:00 **Medical Devices**
Cosmo C & D Ballrooms
- 9:45 – 10:15 **"Medical Device Development: The Role
of the Surgeon"** Mark D. Johnson, MS
Senior Study Director and Director of
Surgery, MPI Research
- 10:15 – 10:45 **"Best Practices in the Development of
Animal Models - From Concept to Clini-
cal Practice"** Jorge Garcia, D.V.M.
Chief Scientific Officer, ISIS Services, LLC.
- 10:45- 11:15 **Best Practices in the Development of
Animal Models - From Concept to Clini-
cal Practice**, Felix Vega V.M.D. Chief of
Experimental Surgery and Medicine,
ISIS Services, LLC
- 11:15- 11:45 **"A novel alternative placement site and
technique for totally implantable vascu-
lar access ports in nonhuman primates"**
Melanie Graham, MPH, Associate Program
Director, Preclinical Research, Diabetes
Institute for Immunology and Transplanta-
tion, Department of Surgery, University of
Minnesota
- 11:45-12:00 **Questions and Answers with Medical
Device Forum**
- 12:00 – 1:00 Lunch with Exhibitors
Cosmo B Ballroom
- 1:00 – 5:00 Wet Lab # 2 at Methodist Research
Institute (Requires separate registration)
**"Advanced Telemetry Techniques for
Small Laboratory Animals: Rodents"**
Heather Bogie, Daniel Huetteman, Data
Science International
- 1:00 – 5:00 Wet Lab #4 at Methodist Research Insti-
tute (Requires separate registration)
**"Training in Cardiac Ultrasound" (Swine
and Rodents)**-Kyle Griffin MPI Research

Friday, November 7, 2008

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| 1:00 – 5:00 | Cardiovascular Forum <i>Cosmo C & D Ballrooms</i> |
| 1:00 - 2:00 | Keynote Speaker: Dr. Michael Sturek, Department of Cellular & Integrative Physiology, Indiana University School of Medicine "Ossabaw Miniature Swine Model for Vascular and Surgical Interventions" |
| *2:00 – 2:30 | "Complications and Therapies: Coronary Artery Stenting" Dr. Zachary Neeb, Department of Cellular & Integrative Physiology Indiana University School of Medicine |
| 2:30 – 3:00 | "Complications: Non- alcoholic Steatohepatitis" Dr. Naga Chalasani, Division of Gastroenterology Department of Medicine, Indiana University School of Medicine |
| 3:00 - 3:15 | Afternoon Break with Exhibitors <i>Cosmo B Ballroom</i> |
| 3:15 – 3:45 | "Therapies: Organ Transplantation:" Dr. Joseph A. Tector, Division of Transplant Surgery, Department of Surgery, Indiana University School of Medicine |
| 3:45-4:15 | "Bariatric Surgery" Dr. Robert Considine, Division of Endocrinology, Indiana University School of Medicine |
| 4:15- 4:45 | "Improved Techniques for Anesthesia and Cardiopulmonary Bypass during Right Ventricular Outflow Tract Reconstruction on a Beating Heart in Young Sheep" Pam Broussard, DVM The International Heart Institute of Montana |
| 4:45 – 5:15 | "High Resolution Cardiac Imaging in Mice" Catherine Theodoropoulos, PhD, Manager, Scientific Applications VisualSonics |

Friday, November 7, 2008

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| *2:00- 5:00 | Technicians Roundtable "Aseptic Surgical Technique" <i>Discovery A & B</i> |
| 2:00 – 3:00 | "Aseptic Surgical Technique" Vince Mendenhall, D.V.M., PhD, Director, Preclinical Surgical Services, Wake Forest University Health Sciences |
| 3:00 – 3:15 | Afternoon Break with Exhibitors <i>Cosmo B Ballroom</i> |
| 3:15 – 3:45 | Aseptic Technique Demonstration |
| 3:45- 4:00 | "Tissue Handling – The Basics" Leslie Stoll, RVT, LAT, SRS Charles River, Preclinical Nevada |
| 4:00-4:15 | "Guidelines and Examples for Surgical Savvy Submissions" Leslie Stoll, RVT, LAT, SRS Charles River, Preclinical Nevada |
| 4:15 – 4:45 | "Fundamentals of Surgical Writing" Luis Toledo-Pereyra, M.D. Professor of Surgery and Director of Research, Michigan State University at Kalamazoo Center for Medical Studies |
| 4:45 – 5:00 | Questions and Answer with Surgical Writing/Submission Team |
| 6:00 – 7:00 | Poster Judging <i>Cosmo B Ballroom</i> |
| 7:00 – 10:00 | Collegiate Night Party at Jillian's Billiards–Bowling Tournament with great food, fun and friendship. Power Point presentation of previous ASR meetings set to music! |

Saturday, November 8, 2008

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| 7:00 – 8:30 | Continental Breakfast with Exhibitors / Poster Viewing <i>Cosmo B Ballroom</i> |
| 8:00 – 11:30 | Wet Lab # 5 at Methodist Research Institute "Advanced Laparoscopic Techniques" Part 2- Marcel I. Perret-Gentil, DVM, MS Laboratory Animal Resources Center – Research, Surgical and Training Programs The University of Texas at San Antonio |
| 9:00 – 11:30 | Wet Lab # 7 at Methodist Research Institute (Separate Registration Required) "High Resolution Interactive Imaging in Rodents" |

Saturday, November 8, 2008

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| *8:30-10:00 | Surgical Nutrition Forum <i>Cosmo C & D Ballrooms</i> |
| 8:30-9:00 | "The Critical Role of Nutrition in the Post – Operative Recovery of Rodents" Jaime Lecker, PhD, Director, Nutrition and Food Science Research and Development, Bio-Serv |
| 9:00-9:30 | "Surgery and Ruminants: Does nutrition matter?" Christina Thompson, PhD, Nutritionist - Technical Services, Purina Test Diets, PMI Nutrition International, LLC |
| 9:30-10:00 | Questions and Answer with Nutrition Team |
| 10:00-10:15 | Morning Break <i>Cosmo B Foyer</i> |

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| 10:00- 12:00 | Surgical Techniques <i>Cosmo C & D Ballrooms</i> |
| 10:15-10:45 | "Surgical Hemostats" Kevin Lewis, D.V.M. Research Veterinarian, Baxter BioScience |
| 10:45-11:15 | "Improvements to the Dog Bile Cannulation Surgery Model" Oscar Blanco, Bl, DVM, RLATG, Battelle Toxicology Columbus |
| 11:15-11:45 | "An Improved and Reliable Technique for Determining the Efficacy of Dural Sealants" Vince Mendenhall, D.V.M., PhD Director, Preclinical Surgical Services Wake Forest University Health Sciences |
| *8:30-12:00 | Alternative Surgical Training Forum/Technical Breakout <i>Discovery A & B</i> |
| 8:30-9:30 | "Surgical Electronic Learning for Biomedical Community" Interactive Session Szczeban Baran VMD, MS, Assistant Professor, Animal Biotechnology and Conservation Department, Delaware Valley College |
| 9:30-10:00 | "The Three R's in Education and Training Project" Francesco Caru' DVM PhD Dipl. LAMS Experimental ADMET Laboratory Animal Medicine Science Unit Manager, Accelera Nerviano Medical Sciences Srl, Milano, Italy |
| 10:00-10:15 | Morning Break <i>Cosmo B Foyer</i> |
| 10:15-11:00 | "Identifying and Caring for Surgical Instruments" Kendra Drobnak, World Precision Instruments |
| 11:00-11:45 | "Neurosurgical Techniques and Equipment" Trent Lund, PhD, Director, Behavioral Neuroscience, Stoelting |

Saturday, November 8, 2008

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| 12:00 – 1:30 | Annual ASR Business Meeting/Awards Luncheon , "Parameters of cardiovascular function important to quality and duration of life." Featured Speaker: Robert L. Hamlin, DVM, PhD, DACVIM (Cardiology/Internal Medicine); Professor Veterinary Medicine, Professor of Biomedical Engineering, Professor Heart and Lung Research Institute, Ohio State University, Scientific Director, QTest Labs, Columbus, Ohio <i>Cosmo B Ballroom</i> |
| 1:30-4:00 | Wet Lab # 3 at Hyatt Indianapolis (Separate Registration Required) "Anesthetic Equipment – Mechanics, System Operations and Maintenance of your Anesthetic Equipment and Related Equipment" - Smiths Medical <i>Studio 6</i> |
| 1:30-4:00 | Wet Lab #6 at Hyatt Indianapolis (Separate Registration Required), "Suture Lab" - Marcel I. Perret-Gentil, DVM, MS Laboratory Animal Resources Center – Research, Surgical and Training Programs The University of Texas at San Antonio <i>Concept Room</i> |
| 1:30-4:00 | Non Veterinary Surgeons Role in Surgical Research Roundtable Discussion <i>Cosmo C & D Ballrooms</i> |
| 1:30-2:00 | "Surgical Training of Non Veterinarians in an Academic Institution " Gert J. Breur, DVM, PhD, DACVS, Dept. of Veterinary Clinical Sciences, Purdue University |
| 2:00-2:30 | "A Comprehensive Approach to Training for Nonveterinary Rodent Surgeons" Guy B. Mulder, DVM, MS, DACLAM, Director, Professional Services, North American Research Models and Services, Charles River |
| 2:30-2:45 | Afternoon Break <i>Cosmo C & D Foyers</i> |
| 2:45-3:15 | "The Surgery Was a Success, But the Patient... Not So Good" Ron E. Banks, DVM, Dipl. ACVPM, Dipl. ACLAM, CPIA, Director, Office of Animal Welfare Assurance, Duke University |
| 3:15-3:45 | Questions and Answers with the Non-veterinary Surgeon Role in Surgical Research Panel |
| 3:45-4:00 | ASR 2008 Closing Remarks <i>Cosmo C & D Ballrooms</i> |

Poster Presentations

Posters for the 24th Annual ASR Scientific Meeting may be viewed in the Exhibitor area Thursday evening, November 6th, and all day Friday, November 7th. Judging for the 2008 Michael DeLeo Poster Award will be held at 6:00 PM Friday evening in Cosmo B Ballroom.

Animal Models for Duraplasty Studies-Dog versus swine, Vince Mendenhall, DVM, PhD, Wake Forest University Health Sciences Medical Center Boulevard Winston-Salem, NC

Serial CSF Collection in Awake Rats –A Method for Biomarker & Pharmacokinetic-Pharmacodynamic analysis, Jeremy Wickens, Heather West, Jenny Horwood, Derek Winslow, Fidelma Atkinson, David Tattersall, Pfizer Sandwich Laboratories Ramsgate Road, Sandwich, Kent

Comparison of Surgisis®, Alloderm®, and Vicryl Woven Mesh® Grafts for Abdominal Wall Repair in an Animal Model, Robert D. Rice, MD, John W. Tsai, MD, David M. Parker, MD, Peter J. Armstrong, MD, Farhan S. Ayubi, DO Dwight David Eisenhower Army Medical Center, Department of General Surgery

The Development of an Ambulatory Continuous Intravenous Infusion Method in the Nonhuman Primate, Elizabeth A. Lambert, Jeremy R. Hynick, John J. Setser, Teresa D. Morris, Walter R. Miller Jr., DVM, Christopher P. Chengelis, PhD, DABT, WIL Research Laboratories, LLC

5/6 Nephrectomy Comparison of Two Surgical Techniques in the CD-1 Mouse, Allison S. Parlapiano B.S., RLATG, VT, SRS, Christopher Loewigkeit B.S., LATG, SRS, Dahai Xue, Dr. Denise Visco PhD, Richard Hajdu, Merck & Co

Surgical Tracheal Stenting Models, M. Jawad Latif, MD, John N. Affinos, MD, Cliff P. Connery, MD, Scott J. Belsley, M.D, Faiz Y. Bhora, MD Columbia University College of Physicians & Surgeons, New York, NY

Effects of Metal Fragments on Extremity Nerve Injury after Microsurgical Repair, Darrell F. Barker MD, Dwight D Eisenhower Army Medical Center, Fort Gordon, GA

Comparison of Porcine Dermal Collagen (Permacol®) and Acellular Cadaveric Dermis (Alloderm®) as alternative to Polytetrafluoroethylene (PTFE) for Vascular Patch Repair in Common Carotid Arteriotomy, John W. Tsai, M.D., Farhan S. Ayubi, D.O., Robert Rice, M.D., Zhou Zhang, M.D., Ph.D., Peter Armstrong, M.D., Dwight David Eisenhower Army Medical Center, Department of General Surgery

A Blueprint for Creating a Safer Environment for Laboratory Animal Handlers Anesthetizing Rodents in Induction Chambers, Janet Hoff, University of Michigan Ann Arbor, MI

Ambulatory Continuous Intravenous Infusion Model for Pregnant Dutch Belted Rabbits, T. Gleason, T. Edwards, W. Miller, E. Slotter, D. Stump, C. Chengelis, WIL Research Laboratories, LLC, Ashland, OH



Exhibition

Enhance your conference educational and networking opportunities by visiting the industry's premier product and service providers in the Exhibition Hall.

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Access Technologies
ALN Magazine
Americans for Medical Progress
AVA Biomedical, Inc.
ClearH₂O, Inc.
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Data Sciences International
DiLab, Inc.
IHIMF
Instech Solomon
Lomir Biomedical Inc.
STARR Life Sciences
Strategic Applications, Inc.
Tiemann Surgical Instruments
World Precision Instruments, Inc.

Exhibit Hours

Thursday, November 6, 2008

Grand Opening Reception:..... 5:30 pm - 7:00 pm

Friday, November 7, 2008

Breakfast: 7:00 am - 8:00 am

Break: 9:30 am - 9:45 am

Lunch: 12:00 pm - 1:00 pm

Break 3:00 pm - 3:15 pm

Saturday, November 8, 2008

Breakfast 7:00 am - 8:30 am

Registration Hours

Thursday, November 6 7:00 am - 6:00 pm

Friday, November 7 7:00 am - 5:00 pm

Saturday, November 8 8:00 am - 12:00 pm

Program Committee

Jan Bernal, Preclinical Technical Services
Cody Resendez, MPI Research
Randy Pielemeier, MPI Research
Steve Hachtman, Data Sciences International
Teresa Gleason, WIL Research
Tom Long, Lomir Biomedical Inc.

Special thanks to Anne McCurdy of the Methodist Research Institute for her dedication in helping the program committee organize the "wet labs." They could not have done it without her.

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