

ACADEMY OF SURGICAL RESEARCH



25TH ANNUAL MEETING

September 24-26, 2009
Hotel Monteleone,
New Orleans

www.surgicalresearch.org

Thursday, September 24, 2009

- 8:00 – 12:00 **SRA, SRT, SRS Examinations**
Iberville Room
- 1:00 – 4:00 **Board of Directors Meeting**
Cabildo Room
- 8:45 – 12:15 **Wet Lab #7**
"Tour of Tulane Primate Center"
- 12:45 – 5:15 **Wet Lab #1** at LSU (Requires separate registration)
"Rat Anatomy"
Karen Richmond-Mato, CVT, LATg, AS, SRA, GlaxoSmithKline
Allyson B. Hansell, BS, GlaxoSmithKline
Nancy Roth, BS, RVT, SRA,
St. Louis University School of Medicine
- 12:45 – 5:15 **Wet Lab #2** at LSU (Requires separate registration)
"Telemetry Techniques for Rodents: Rats"
Heather Bogie, RLAT, SRT, Data Sciences International (DSI)
Dan Huettelman, BS, SRS, Data Sciences International (DSI)
- 12:45 – 5:15 **Wet Lab #3** at LSU (Requires separate registration)
"Stereotaxic Surgery in Rats"
Trent D. Lund, PhD, Stoelting Co.
Richard H. Mills, PhD, Stoelting Co.
- 6:00 – 7:45 **Welcome Reception with Exhibitors/ Poster Viewing**
La Nouvelle West/ Bienville Room

Friday, September 25, 2009

7:00 – 8:00	Continental Breakfast with Exhibitors / Poster Viewing <i>La Nouvelle West/ Bienville Room</i>
8:00 – 8:30	Opening Remarks Presentation of Markowitz Award Kim Bayer, BS, CVT, LATg, SRS, Charles River 2009 President of the Academy of Surgical Research <i>La Nouvelle East Room</i>
8:30 – 9:30	"Determining Analgesic Dose Rates for Different Species" Paul Flecknell, DVM, PhD Comparative Biology Centre, The Medical School, University of Newcastle <i>La Nouvelle East Room</i>
9:30 – 10:00	"Experience With Multimodal Pre-emptive Analgesia in a Sheep Model for Indwelling Extremity Prostheses" Layne Norlund, DVM, Innovative Medical Device Solutions <i>La Nouvelle East Room</i>
10:00 – 10:15	Morning Break with Exhibitors <i>La Nouvelle West/ Bienville Room</i>
10:15 – 12:00	<u>Surgery and GLP's</u>
10:15 – 10:45	"Regulatory Strategies & Issues for Devices" Jill Schweiger, Angel Medical Systems, Inc. <i>La Nouvelle East Room</i>
10:45 – 11:15	"Progression of a Surgical Model – Intraluminal Middle Cerebral Artery Occlusion from Academia to GLP" Teresa Gleason, BS, LVT, SRS, LATg, WIL Research <i>La Nouvelle East Room</i>
11:15 – 11:45	"The Challenges of GLP Documentation in Surgical Studies" Karen Shanley, BS, MPI Research <i>La Nouvelle East Room</i>
11:45 – 12:00	Q&A <i>La Nouvelle East Room</i>
12:00 – 1:00	Lunch with Exhibitors <i>La Nouvelle West/ Bienville Room</i>

Friday, September 25, 2009

BALLROOM 1

1:00 – 2:45

"Post-Op Care Roundtable"

Paul Flecknell, DVM, PhD
Comparative Biology Centre
The Medical School, University of
Newcastle
Scott Adrian, DVM, MPI Research
Teresa Gleason, BS, LVT, SRS, RLATG, WIL
Research
Jan Bernal, DVM, Preclinical Services
Lisa Johnson, BA, LAT, LATg, SRS, Wyeth-
Ayerst Research
[La Nouvelle East Room](#)

2:45 – 3:00

Afternoon Break with Exhibitors

[La Nouvelle West/ Bienville Room](#)

3:00 – 4:00

Keynote Speaker

"Catheter Based Therapies and Research in Swine"

Gus Cipolla, DVM, Boston Scientific
Corporation
[La Nouvelle East Room](#)

4:00 – 4:45

"Fundamentals of Rodent Laparoscopic Surgery"

Szczepan W. Baran, VMD, MS, Veterinary
Bioscience Institute
[La Nouvelle East Room](#)

4:45 – 5:30

"Rodent Colonoscopy for the Biomedical Researcher"

Szczepan W. Baran, VMD, MS, Veterinary
Bioscience Institute
[La Nouvelle East Room](#)

9:30 – 10:35

"Laparoscopic Techniques"

Marcel Perret-Gentil, DVM, University of
Texas at San Antonio
Szczepan W. Baran, VMD, MS, Veterinary
Bioscience Institute
(Attendance recommended for Wet Lab
#5 Participants. Everyone welcome)
[Iberville Room](#)

10:35 – 10:45

Morning Break with Exhibitors

[La Nouvelle West/ Bienville Room](#)

10:45 – 11:30

"Overview of the Tulane Primate Center Surgery Program"

Rudolf Bohm Jr., DVM, DACLAM, Tulane
National Primate Research Center
[Iberville Room](#)

12:00 – 1:00

Lunch with Exhibitors

[La Nouvelle West/ Bienville Room](#)

BALLROOM 2

Friday, September 25, 2009

1:00 – 2:00

"Laparoscopic Techniques"

Marcel Perret-Gentil, DVM, University of Texas at San Antonio
Szczepan W. Baran, VMD, MS, Veterinary Bioscience Institute
(Attendance recommended for Wet Lab #5 Participants. Everyone welcome)
Iberville Room

2:00 – 2:45

"Cardiopulmonary Bypass Techniques"

Christina Gross, BA, SRS, American Preclinical Services, LLC
Iberville Room

9:30 – 11:30

"Free Suture Training"

Vince Mendenhall, DVM, PhD, Wake Forest University Health Sciences
Kim Bayer, BS, CVT, LATg, SRS, Charles River
2 people per ½ hour blocks: sign up at registration
(Observers Welcome)
La Nouvelle West/ Bienville Room

2:15 – 3:00

"Laparoscopic Simulators" for

Registered Wet Lab #5 Participants
Marcel Perret-Gentil, DVM, University of Texas at San Antonio
Szczepan W. Baran, VMD, MS, Veterinary Bioscience Institute
(Observers Welcome)
La Nouvelle West/ Bienville Room

3:00 – 3:30

"Hands on" Laparoscopic Simulators

Marcel Perret-Gentil, DVM, University of Texas at San Antonio
Szczepan W. Baran, VMD, MS, Veterinary Bioscience Institute
(4 people maximum, sign-up at registration table.)
La Nouvelle West/ Bienville Room

4:15 – 5:00

"Interventional Device Basics" for Wet

Lab #4 Participants
Jennifer DeVries, ALAT, LAT, LATg, SRS, MPI Research
Jenifer Sweet, BS, SRS, LATg, MPI Research
(Observers Welcome)
La Nouvelle West/ Bienville Room

Friday, September 25, 2009

5:00 – 5:30

"Hands on" Interventional Device Basics

Jennifer DeVries, ALAT, LAT, LATg, SRS, MPI Research
Jenifer Sweet, BS, SRS, LATg, MPI Research
(Everyone welcome to participate)
La Nouvelle West/ Bienville Room

5:00 – 6:00

Poster Judging

La Nouvelle West/ Bienville Room

6:00 – 8:00

Social Gathering

(Everyone is invited)
River View Room

Saturday, September 26, 2009

7:45 – 11:45

Wet Lab # 5 at LSU (Separate Registration Required)

"Advanced Laparoscopic Techniques" Part 2

Marcel I. Perret-Gentil, DVM, University of Texas at San Antonio
Szczepan W. Baran, VMD, Veterinary Bioscience Institute
Michael Nakon, BS, University of Pittsburgh

7:45 – 11:45

Wet Lab # 4 at LSU (Separate Registration Required)

"Catheter Based Therapies and Research Techniques in Swine"

Gus Cipolla, DVM, Boston Scientific Corporation
Jennifer DeVries, ALAT, LAT, LATg, SRS, MPI Research

1:45 – 5:45

Wet Lab # 6 at LSU (Separate Registration Required)

"DSI LVP Epicardial ECG in Gottingen Pigs"

David Modrelle, SRS, MPI Research
Jenifer Sweet, BS, SRS, LATg, MPI Research

Saturday, September 26, 2009

7:30 – 8:30	Continental Breakfast / Poster Viewing <i>La Nouvelle West/ Bienville Room</i>
8:30 – 12:00	Orthopedic Forum
8:30 – 9:15	"An Overview of Rodent Orthopedic Models" Heather Ramsay, PhD, MPI Research <i>La Nouvelle East Room</i>
9:15 – 10:00	"An Overview of Critical Size Bone Defect Models" Vince Mendenhall, DVM, PhD, Wake Forest University Health Sciences <i>La Nouvelle East Room</i>
10:00 – 10:15	Morning Break
10:15 – 10:45	"A Translational Sheep Model for Research and Development of Indwelling Extremity Prostheses" Layne Norlund, DVM, Innovative Medical Device Solutions <i>La Nouvelle East Room</i>
10:45 – 11:15	"Refinements in Anterior Cruciate Ligament Transection and Medial Meniscectomy Model of Osteoarthritis in Rabbits" Melissa M. Haskell, DVM, Stryker Biotech <i>La Nouvelle East Room</i>
11:15 – 12:00	"Anti Microbial Coatings for Orthopedic Devices" Robert D. Harten, PhD, Synthes (USA), Inc. <i>La Nouvelle East Room</i>
12:15 – 1:45	Awards Presentation/ Business Luncheon Presented at lunch will be: "Animal Models of Human Musculoskeletal Disorders" Mandi J. Lopez, DVM, MS, PhD, LSU School of Veterinary Medicine <i>La Nouvelle West/ Bienville Room</i>
1:45 – 3:30	Poster teardown
1:45 – 2:00	"Tissue Handling – The Basics" Leslie Stoll, RVT, LAT, SRS, Charles River <i>La Nouvelle East Room</i>
2:00 – 2:15	"Guidelines and Examples for Surgical Savvy Submissions" Leslie Stoll, RVT, LAT, SRS, Charles River <i>La Nouvelle East Room</i>

Saturday, September 26, 2009

- 2:15 – 3:15** **"Identifying and Caring for Surgical Instruments"**
Kendra Drobnak, World Precision Instruments
La Nouvelle East Room
- 3:15 – 3:30** **Afternoon Break**
- 3:30 – 4:00** **"A Novel Multifunctional Microport System for Intravascular Access in Rodents and Non-human Primates"**
Dr. Jörg Luft, Covance Laboratories Germany
La Nouvelle East Room
- 4:00 – 4:30** **"Aseptic Technique: Does Your Incisional Scrub Have What it Takes?"**
Diann Funk, CVT, LAT, University of Pittsburg
La Nouvelle East Room
- 4:30 – 5:00** **"Inhibition of Pyruvate Dehydrogenase Kinase Activity Promotes Apoptosis in Colorectal Cancer Cells"**
Brijesh Madhok, Academic Surgical Unit, University of New Castle
La Nouvelle East Room
- 5:00 – 5:30** **"Therapeutic Effect of Adenovirus- and α -fetoprotein Promoter-mediated tBid and Chemotherapeutic Agents in Combination on Orthotropic Hepatocellular Carcinoma in Mice"**
George G. Chen, PhD, The Chinese University of Hong Kong
La Nouvelle East Room
- 5:30 – 5:45** **Closing Remarks**
La Nouvelle East Room
- 6:00 – 7:00** **Board of Directors Meeting (for all outgoing and incoming board members)**
Cabildo Room

Poster Presentations

Posters for the 25th Annual ASR Meeting may be viewed in the Exhibit area, Thursday evening on Sept. 24 and all day Friday, Sept. 25th. Judging for the 2009 DeLeo Poster Award will be held at 5PM Friday evening.

5/6 Nephrectomy: Comparison of Two Surgical Techniques in Male Sprague-Dawley Rat, Allison S. Parlapiano, Merck & Co, Department of Central Pharmacology, Rahway, NJ

Development of Continuous Infusion Methodology with Cardiovascular Assessment in Radiotelemetry Instrumented Pregnant Rats, Hamid Daneshvar, Tammye L. Fleeman, Kate A Takacs, Donald G. Stump, Teresa R. Gleason and Phillip R. Atterson, Department of Surgery and Experimental Medicine, WIL Research Laboratories, LLC, Ashland, OH

Experimental Modified Cavopulmonary Connection in a Swine Model without Extracorporeal Circulation, M. Katsimpoulas¹, F.A. Mitropoulos², M.A. Kanakis¹, D. Angouras¹, C. Dimitriou¹, N. Kostomitsopoulos¹, P.E. Karayannacos¹; ¹Center for Experimental Surgery, Biomedical Research Foundation Academy of Athens, Athens, Greece & ²Department of Pediatric and Congenital Heart Surgery, Onassis Cardiac Surgery Centre, Athens, Greece

Development of Continuous Infusion Methodology with Cardiovascular Assessment in Radiotelemetry Instrumented Pregnant Rats, Hamid Daneshvar, Tammye L. Fleeman, Kate A Takacs, Donald G. Stump, Teresa R. Gleason and Phillip R. Atterson, Department of Surgery and Experimental Medicine, WIL Research Laboratories, LLC, Ashland, OH

Validation of a Stroke Model Using Middle Cerebral Artery Occlusion Model in Sprague Dawley Rats Walter R. Miller, Jr. DVM, Teresa R. Gleason, Timothy R. Edwards, Mark T. Herberth, Chris P. Chengelis, Department of Surgery and Experimental Medicine, WIL Research Laboratories, LLC, Ashland, OH

A Postpartum Developmental Study of Gottingen Minipigs Over Three Defined Pediatric Stages, Beck, M.J.; Setser, J.J.; Gleason, T.R.; Edwards, T.R.; Davis, A.L.; Miller, W.R.; Allis, A.D.; Raubenolt, C.A.; Raby, C.K.; Fenton, T.S.; Padgett, E.L.; 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.

2009 Exhibitors:

Access Technologies
ALN Magazine
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Instech Solomon
ISIS Services, LLC
Kubtec X-Ray
Lomir Biomedical, Inc.
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STARR Life Sciences
Strategic Applications, Inc.
Tiemann Surgical Instruments

Exhibit Hours

Thursday, September 24, 2009

Grand Opening Reception:.....6:00 pm - 7:45 pm

Friday, September 25, 2009

Breakfast:7:00 am - 8:00 am

Break:10:00 am - 10:15 am

Lunch:12:00 pm - 1:00 pm

Break2:45 pm - 3:00 pm

Program Committee

Randy Pielemeier, Chair
Cody Resendez
Tom Long
Jan Bernal
Jennifer DeVries
Dr. Scott Adrian
Teresa Gleason

Academy of Surgical Research: Our Mission

In 1982, forward-thinking scientists concerned about incomplete communication across the disciplines of surgical investigation founded the Academy of Surgical Research. The society fosters interdisciplinary transfer of ideas and theories by offering a common platform through which the reporting of valid surgical research efforts is a reality.

The Academy of Surgical Research was founded to:

- Encourage, foster, promote, and advance professional and academic standards, education, research, and development in the arts and sciences of experimental surgery.
- Promote, initiate, support, and accomplish academic and practical educational programs, cooperative research, and development in experimental surgery in the public interest.
- Promote humane use and treatment of experimental animals and prevent their use when other means can bring about the same scientific results.
- Cooperate with medical organizations, other scientific organizations, government agencies, and other interested parties in establishing, reviewing, and evaluating ethics, theories, practices, and research pertaining to surgical research and promotion of the product of surgical research for clinical application.
- Encourage the advancement of the field of surgery in all aspects, including research, education, and critical promotion of research products for clinical applications.

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