



BONE INNOVATION SUMMIT 2006

CLEVELAND CLINIC BONE INNOVATION SUMMIT 2006

**The Clinical Science of Skeletal Repair,
Maintenance and Regeneration, May 3-5, 2006**

InterContinental Hotel & MBNA Conference Center, Cleveland Ohio

Presented by:

The Cleveland Clinic Orthopaedic Research Center (ORC), Clinical Tissue Engineering Center (CTEC), Center for Osteoporosis and Metabolic Bone Disease, The Center for Women's Health, and the National Center for Stem Cell and Regenerative Medicine (CSCRM).

Vision Statement

The 2006 Cleveland Clinic Bone Innovation Summit is a unique 2.5-day conference designed to bring together clinicians, scientists and industry leaders in multiple disciplines to explore current and future opportunities for advancing the diagnosis and treatment of bone disease and fractures.

A renowned faculty of innovative leaders will lead a multilevel journey through bone disease and therapy, starting with fundamental bone biology, the epidemiology of bone disease, and the role and mechanism of existing and evolving therapeutic options. We will also systematically examine the latest perspectives on bone quality, bone imaging, and fracture risk assessment. Emphasis will be placed on challenges and opportunities manifest in the clinical area of osteoporosis, insufficiency fractures, compromised bone repair, non-healing fractures, metastatic bone disease, Paget's disease and Osteogenesis Imperfecta.

The Summit will examine the process of innovation, the ongoing evolution of clinical options for treatment of bone disease, strategies involving bone tissue engineering using drug therapy, cell-based strategies and evolving implantable biomaterials. We will evaluate clinical technologies and systems that may better enable the assessment of new clinical strategies for bone tissue engineering and optimize their use in patient care.

Faculty presentations will provide plenary overviews and provocative updates of each topic area. Participants will have the opportunity to present posters, many of which will be selected for short podium presentations. Each session will close with robust discussion between the attendees and a speaker panel comprised of all presenters.

Recognizing the integration of the multidisciplinary skills that are needed to advance development and optimal use of current and future therapy options, the Bone Summit format is designed to honor and catalyze innovation. Thought leaders and innovators from clinical practice, academic medicine, basic science and industry are brought together as equal partners in a spirit of collaboration inspired by a shared commitment to optimizing patient care through innovative development, strategic design, objective evaluation, informed use and ongoing critical assessment of current and future therapeutic options.

Target Audience:

Innovators in Musculoskeletal Tissue Engineering

Orthopaedic Surgeons, Neurosurgeons, ENT Surgeons, Oral Surgeons, Rheumatologists, Oncologists, Endocrinologists, Radiologists, Pathologist, Bone Tissue Engineers, Bone Biologists, Women's Health Specialists, Metabolic Bone Specialists

Continuing Medical Education – Approved for AMA PRA credit.



BONE INNOVATION SUMMIT 2006

Special Lunch Forum

“ The Engine and Engineering of Medical Innovation”

Exploring the Anatomy and Opportunity of Innovation Partnerships

The medical innovations that serve people across the United States and the world are conceived and nurtured through the work of dedicated individuals and groups who ask the important questions, solve practical problems, and create the systems and opportunity to bring these innovations forward.

The process is not linear or predictable, and involves a complex and often stochastic web of inspiration, creative questions, hard-nosed basic science, technology development, education, product development, process development, careful pre-clinical and clinical assessment, and responsible marketing.

This process most often starts with individual basic science or clinical innovators. Increasingly, innovation is born of the collaboration of multidisciplinary teams that inspire creative thinking, critical assessment, and leveraging of expertise and resources.

The work of these individuals and teams, and the likelihood that their effort will benefit patients, is critically dependent upon the environment in which they work. This includes opportunities for funding to support valuable work, impartial assessment, and the availability of partners with skills and capacity to move promising innovations from the bench to the bedside.

In the case of medical innovation, investigators and the American people have several critical partners: academic centers or research organizations, the National Institutes of Health, the biomedical corporate community, and various regulatory agencies.

This lunch speaker series will explore the perspective of these partners, their changing roles, and the current and future opportunities for advancing these partnerships to greater effect. The following speakers will be presenting:

Innovation in the Industry of Bone and Mineral Metabolism

W. Scott Simonet, Director of Research

Department of Metabolic Disorders
Amgen, Inc.

NIH and Medical Innovation

Joan McGowan, Program Director

Bone Diseases
National Institutes of Health



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Summit Objectives

At the completion of this summit the attendee will be able to use and apply a state of the art knowledge base in the following topics:

- Prevention and Treatment of Osteoporosis
- Fracture Risk Assessment and Prevention
- Fracture Care and Bone Tissue Engineering
- Management options for Paget's Disease, AVN and OI
- Quantitative Methods for Measurement of Bone Mass
- Quantitative Method for Measurement of Bone Quality
- Local and Systematic Bone Therapies
- Stem Cell Biology in Bone Tissue
- Stem Cell Harvest and Transplantation
- Cell-Based Clinical Bone Repair and Regeneration
- Biological Matrices and Cell Matrix Interaction
- Bone Formation and Remodeling Kinetics
- Local and Systemic Drug Therapy

Summit Schedule

Wednesday, May 3, 2006

11:00 AM Registration, Poster Set Up and Welcome Reception

12:50 PM Welcome and Opening Remarks

1:00 PM Session 1 - Bone Cell Biology

Moderator: G. Muschler

- 1:00 PM Osteoblasts and Bone Formation - R. Midura
- 1:25 PM Osteoclasts and Bone Resorption - P. Osdoby
- 1:50 PM Osteoblast Stem Cell Kinetics - G. Muschler
- 2:15 PM 3 x 7 min Short Talks
- 2:40 PM 20 min open panel discussion
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3:00 PM Afternoon Break

3:30 PM Session 2 - Clinical Epidemiology of OP

Moderator: C. Deal

- 3:30 PM Primary Osteoporosis - L. Raisz
- 3:55 PM Secondary Osteoporosis - A. Licata
- 4:20 PM Clinical Risk Assessment - L.J. Melton
- 4:55 PM Genetics of Bone Mass - M. Warman
- 5:20 PM 2 x 7 min Short Talks
- 5:35 PM 25 min open panel discussion

6:00 PM Adjourn

6:30 PM Buffet Dinner Reception

7:30 PM Keynote Speaker - L. Raisz

8:30 PM Reception

Thursday, May 4, 2006

6:45 AM Continental Breakfast

7:25 AM Welcome and Announcements

7:30 AM Session 3 - Bone Quality, Imaging and Fracture Risk - Moderator: B. Richmond

- 7:30 AM Non-Invasive Bone Assessment - H. Genant
- 7:55 AM Micro CT Assessment - N. Lane
- 8:20 AM Histomorphometry - R. Phipps
- 8:45 AM Biomechanics of Trabecular and Cortical Bone - D. Davy
- 9:10 AM 20 min open panel discussion

9:30 AM Morning Break

10:00 AM Session 4 - Systemic Therapy for OP

Moderator: M. Delaney

- 10:00 AM Bisphosphonates - G. Mundy
- 10:25 AM PTH - N. Lane
- 10:50 AM Combination Therapy - F. Cosman
- 11:15 AM 3 x 7 min Short Talks
- 11:40 AM 20 min open panel discussion

12:00 PM Lunch

12:30 PM Innovation Forum Speaker:

Innovation in Industry

W. Scott Simonet, Amgen, Inc.

1:30 PM Session 5 - Management of Metastatic Disease

Moderator: A. Licata

- 1:30 PM Biology of Bone Metastasis - G. Mundy
- 2:00 PM Myeloma - M. Hussein
- 2:15 PM Breast Cancer and Bone - H. Moore
- 2:30 PM Prostate Cancer and Bone - R. Dreicer
- 2:45 PM Local Fracture Prevention - S. Lietman
- 3:00 PM 30 min open panel discussion

3:30 PM Afternoon Break

4:00 PM Session 6 - Pagets Dz and Osteogenesis Imperfecta - Moderator: M. Delaney

- 4:00 PM Genetics of Paget's Disease - F. Singer
- 4:25 PM Treatment for Paget's Disease - P. Miller
- 4:50 PM Pathobiology and Treatment of OI - M. Levine
- 5:15 PM Cell Therapy Strategies for OI - C. Niyibizi
- 5:40 PM 20 min Open Panel Discussion

6:00 PM Adjourn



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Summit Banquet

The Cleveland Museum of Natural History

- 6:30 – 7:30 PM Shuttle Bus to Banquet
- 6:45 PM Reception
- 7:45 PM Guest Speaker- Dr. Peter Cavanagh
“The History and the Future of Man in Space”
- 8:45 PM Dinner
- 9:30 PM Jazz Concert - Dessert Bar
Tours of Hamon-Todd Collection
and “Lucy” by Dr. Bruce Latimer

Participants will enjoy an evening browsing in the Cleveland Museum of Natural History, home of the world famous **Hamon-Todd collection** of contemporary human skeletons and a rich collection of early human skeletons, including the original skeletal casts of “**Lucy**” and recent exciting finds from Ethiopia. Participants will have the opportunity to meet **Dr. Bruce Latimer**, Executive Director, Cleveland Museum of Natural History, internationally recognized anthropologist and expert on human and non-human skeletal evolutionary development. Before dining among the dinosaurs, participants will explore “The History and the Future of Man in Space” in a stimulating multimedia presentation by **Dr. Peter Cavanagh**, Chairman, Department of Biomedical Engineering, Cleveland Clinic Foundation and Leader of the Bone Loss Team of NASA’s National Space Biomedical Research Institute (NSBRI). The evening will be further enriched by “**Kassaba**”, a unique and progressive Cleveland Jazz ensemble.

Friday, May 5, 2006

6:30 AM Continental Breakfast

6:50 AM Welcome and Announcements

7:00 AM Session 7 – Principles and Current Practice of Fracture Repair and Bone Tissue Engineering
Moderator: T. Bauer

- 7:00 AM - Available Osteoconductive Scaffolds - J. Lane
- 7:25 AM - Available Osteoinductive Materials
- G. Friedlaender
- 7:50 AM – Methods for Cell Transplantation - G. Muschler
- 8:15 AM – 3 x 7 min Short Talks
- 8:40 AM - 20 min open panel discussion

9:00 AM Morning Break

9:30 AM Session 8 – Challenges and Opportunities for Optimizing Bone Tissue Engineering - Local and Systemic Means – Moderator: G. Muschler

- 9:30 AM – Osteoconductive Scaffolds – L. Griffith
- 9:55 AM - Osteoinductive Factor Delivery – K. Leach
- 10:20 AM - Cell Processing – P. Hernigou
- 10:45 AM - Systemic Adjuvants – L. Gerstenfeld
- 11:10 AM - 3 x 7 min Short Talks
- 11:35 AM - 25 min Open Panel Discussion

12:00 PM Lunch Speaker: NIH and Medical Innovations
J. McGowan

1:30 PM Session 9 – Management of Insufficiency Fractures and Fracture Non-Union
Moderator: J. Lane

- 1:30 PM - Vertebral Compression Fx – Pathomechanics
K. Talmadge
- 1:55 PM - Vertebral Compression Fx – Treatment
I. Lieberman
- 2:20 PM - Hip Fracture – M. Froimson
- 2:45 PM - Fracture Non-Union – J. Anglen
- 3:10 PM - Fracture Upper Extremity – J. Orbay
- 3:45 PM - 3x 7 min Short Talks
- 4:10 PM - 30 min Open Panel Discussion

4:30 PM Closing Remarks

5:00 PM Optional Friday Evening and Saturday Post Summit Course and Workshop (see full description following faculty list)

- Vertebral Fracture Assessment
- ISCD Bone Densitometry Course and Certification Exam



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Course Directors:

George F. Muschler, M.D., Co-Chair
Chad Deal, M.D., Co-Chair
Angelo A. Licata, M.D., Ph.D., Co-Chair
Abby Abelson, M.D.
John Carey, M.D.
Miriam Delaney, M.D.
Avrum Froimson, M.D.
Ronald Midura, Ph.D.
Bradford J. Richmond, M.D.

Guest Faculty:

Jeff Anglen, M.D., Professor and Chairman,
Department of Orthopaedics, Indiana University
School of Medicine, Indianapolis, IN

Felicia Cosman, M.D., Professor of Clinical
Medicine, Columbia University College of
Physicians and Surgeons, Medical Director, Clinical
Research Center, Helen Hayes Hospital, New York

Dwight T. Davy, Ph.D., P.E., Professor,
Musculoskeletal Mechanics and Materials
Laboratory, Department of Mechanical and
Aerospace Engineering, Department of
Orthopaedics, Case Western Reserve University,
Cleveland, Ohio

Gary Friedlaender, M.D., Professor and Chairman
of Yale Orthopaedics, Yale Orthopaedics and
Rehabilitation, Yale University School of Medicine,
New Haven, CT

Harry Genant, Ph.D., Emeritus Professor of
Radiology, Medicine and Orthopaedics, University
of California, San Francisco, San Francisco, CA
Emeritus Chairman, Board of Directors, Synarc,
Inc., San Francisco, CA

Lou Gerstenfeld, Ph.D., Professor of Orthopaedic
Surgery and Biochemistry, Director of Orthopedic
Surgery Research Laboratory, Boston University
School of Medicine, Boston, MA

Linda Griffith, Ph.D., Professor of Mechanical
Engineering, Massachusetts Institute of Technology
Boston, MA

Philippe Hernigou, M.D., Professor of
Orthopaedic Surgery, University of Paris, Hopital
Henri Mondor, Creteil, France

Joseph M. Lane, M.D. Professor of Orthopaedic
Surgery, Assistant Dean, Medical Students, Weill
Medical College of Cornell University, Chief,
Metabolic Bone Disease Service. Hospital for
Special Surgery, New York, New York

Nancy E. Lane, M.D., Director and Distinguished
Professor, Aging Center, Medicine and
Rheumatology, University of California at Davis
Medical Center, Sacramento, CA

Bruce Latimer, Ph.D., Executive Director,
Cleveland Museum of Natural History, Cleveland,
Ohio

Kent Leach, Ph.D., Assistant Professor,
Department of Biomedical Engineering, University
of California, Davis, CA

Joan McGowan, Ph.D., Program Director,
Musculoskeletal and Skin Diseases, National
Institute of Arthritis and Musculoskeletal and Skin
Diseases, National Institute of Health, Bethesda,
MD

L. Joseph Melton, III, M.D., Michael M.
Eisenberg Professor, Department of Health Sciences
Research, Mayo Clinic College of Medicine,
Rochester, MN

Paul D. Miller, M.D., Clinical Professor of
Medicine, University of Colorado Health Sciences
Center, Medical Director, Colorado Center for Bone
Research, Denver, Colorado



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Gregory R. Mundy, M.D., Professor, Department of Cellular & Structural Biology, Assistant Dean for Clinical Research, University of Texas Health Science Center at San Antonio, San Antonio, TX

Christopher Niyibizi, Ph.D., Associate Professor, Depts of Orthopaedics, Rehabilitation and Biochemistry and Molecular Biology, Division of Musculoskeletal Sciences, Pennsylvania State University College of Medicine, Hershey, PA

Jorge Orbay, M.D., Director, Miami Hand Center, Miami, Florida

Philip Osdoby, Ph.D., Professor of Biology and Professor in the Division of Bone and Mineral Research, Department of Biology, Washington University, St. Louis, MO

Roger Phipps, Ph.D., Principal Scientist, Actonel Drug Development, Procter & Gamble Pharmaceuticals, Mason, OH

Lawrence G. Raisz, M.D., Distinguished Professor of Medicine, Director, Musculoskeletal Institute, Director of the UConn Center for Osteoporosis, University of Connecticut Health Center, Farmington, CT

W. Scott Simonet, Director, Research, Bone and Mineral Metabolism, Department of Metabolic Disorders, Amgen, Inc., Thousand Oaks, CA

Frederick Singer, M.D., Director, Endocrine/Bone Disease Program, John Wayne Cancer Institute, Clinical Professor of Medicine, David Geffen School of Medicine, UCLA School of Medicine, Santa Monica, CA

Karen Talmadge, Ph.D., Executive Vice President, Co-Founder and Chief Science Officer, Kyphon, Inc., Sunnyvale, CA

Matthew Warman, M.D., Associate Professor of Genetics and Pediatrics at Case Western Reserve University's School of Medicine, Cleveland, Ohio

Local Faculty:

Abby Abelson, M.D., Rheumatology Education Program Director, Director, Education, Center for Osteoporosis and Metabolic Bone Disease, Department of Rheumatic and Immunologic Diseases, Cleveland Clinic Foundation, Cleveland, Ohio

Thomas W. Bauer, M.D., Ph.D., Staff, Dept. of Anatomic Pathology, Cleveland Clinic Foundation, Cleveland, Ohio

John Carey, M.D., Clinical Associate, Department of Rheumatic and Immunologic Disease, Cleveland Clinic Foundation, Cleveland, Ohio

Peter R. Cavanagh, Ph.D., D.Sc., Chairman, Department of Biomedical Engineering, Cleveland Clinic Foundation and Leader of Bone Loss Team, NASA's National Space Biomedical Research Institute (NSBRI), Cleveland, Ohio

Chad Deal, M.D., Staff, Departments of Rheumatic and Immunologic Disease, Orthopaedic Surgery and Women's Health Center, Cleveland Clinic Foundation, Cleveland, Ohio

Miriam Delaney, M.D., Associate Staff, Departments of Rheumatic and Immunologic Disease, Transplantation Center and Women's Health Center, Cleveland Clinic Foundation, Cleveland, Ohio

Robert Dreicer, M.D., Staff, Hematology & Medical Oncology, Staff, Urological Institute, Cleveland Clinic Foundation, Cleveland, Ohio

Avrum Froimson, M.D., Staff and Clinical Professor, Orthopaedic Surgery, Cleveland Clinic Lerner College of Medicine, Cleveland, Ohio

Mark Froimson, M.D., Staff and Clinical Assistant Professor, Orthopaedic Surgery, Cleveland Clinic Lerner College of Medicine, Cleveland, Ohio

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Mohamad Hussein, M.D., Staff, Department of Hematology and Medical Oncology and Department of Orthopaedic Surgery, Cleveland Clinic Foundation, Cleveland, Ohio

Michael A. Levine, M.D., Physician-in-Chief, The Children's Hospital, Chairman, Department of Pediatrics, The Cleveland Clinic Foundation, Cleveland, Ohio

Angelo A. Licata, M.D., Ph.D., Department of Endocrinology, Diabetes & Metabolism, Center for Organ Transplantation, Orthopedic Research Council, Women's Health Center, The Cleveland Clinic, Cleveland, Ohio

Isador Lieberman, M.D., Surgeon, Section of Spinal Surgery, Department of Orthopaedic Surgery, Orthopaedic Research Center, The Cleveland Clinic Foundation, Cleveland, Ohio

Steven Lietman, M.D., Assistant Professor of Orthopaedic Surgery, Cleveland Clinic Lerner of Medicine, Assistant Staff, Dept. of Biomedical Engineering, Cleveland Clinic Foundation, Cleveland, Ohio

Robert F. McLain, M.D., Department of Orthopaedic Surgery, Spine Center and Orthopaedic Research Center, The Cleveland Clinic Foundation, Cleveland, Ohio

Ronald Midura, Ph.D., Associate Staff, Department of Biomedical Engineering, Orthopaedic Research Center, The Cleveland Clinic Foundation, Cleveland, Ohio

Halle Moore, M.D., Associate Staff, Hematology and Medical Oncology, Associate Staff, Women's Health Center, Cleveland Clinic Foundation, Cleveland, Ohio

George F. Muschler, M.D., Surgeon and Professor, Orthopaedic Surgery, Director, Orthopaedic Research Center, and Director the Clinical Tissue Engineering Center, The Cleveland Clinic Foundation, Cleveland, Ohio

Bradford J. Richmond, M.D., Director of Bone Density, Musculoskeletal Radiology, The Cleveland Clinic Foundation, Cleveland, Ohio

BONE INNOVATION SUMMIT 2006

Post Summit Courses and Workshops

Vertebral Fracture Assessment

May 5, 2006

The **ISCD Vertebral Fracture Assessment (VFA)** course is an advanced densitometry course that provides an overview of VFA technology. This new technology offers a significant advance in the diagnosis and management of patients at risk for osteoporotic fractures by allowing clinicians to identify and treat those who would not be recognized using a bone density test alone. The course is open to clinicians, technologists, scientists, researchers, and healthcare providers who wish to learn more about VFA and its use.

ISCD Bone Densitometry Course and Certification Exam

May 6-7, 2006

The **ISCD Bone Densitometry Course** provides a comprehensive education in bone densitometry. It is divided into two programs; a Clinician Course (open to physicians, nurse practitioners, physician assistants, and PhDs) and a Technologist Course (open to technologists and allied health professionals). The core elements of the program provide a set of standard practices and information to raise the level of awareness and education in bone densitometry. The course emphasizes central DXA testing, but also provides information on other forms of bone mass measurement, including peripheral DXA and QCT. To become certified, it is necessary to pass the Certification Exam given immediately after the course. In addition, Technologists must submit DXA scans for review upon notification of exam results.

Workshop Registration

Registration for the Vertebral Fracture Assessment and Bone Densitometry Course and Certification Exam must be made directly with ISCD. Course details, registration form and online submission are available at www.iscd.org, or call 860-586-7563 to have materials mailed.

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Call for Abstracts

The Cleveland Clinic Foundation Bone Innovation Summit invites you to submit abstracts of original investigation for consideration in the Poster Session and possible Short Talk Podium Presentations.

Abstract Categories include:

- Treatment Strategies for Clinical Osteoporosis
- Clinical Bone healing - Repair and Regeneration
- Stem Cell Biology
- Cells, Growth Factors and Cytokines
- Cell Attachment and Cell Interactions
- Biomaterials and Scaffolds
- Cell Isolation, Manipulation and Transplantation
- Drug and Device Delivery in Wound Healing
- Mass Transfer
- Physiologic Environment of Tissue Engineering
- Mechanical and Physical Signals in Bone Tissue Formation and Repair
- Quantitative Measurement of Bone Structure, Bone Formation and/or Repair

Accepted abstracts will be published in the syllabus in black and white and also in a CD compiled after the conference, along with presentation slides.

Deadline

Abstract submissions must be received **no later than April 1, 2006**. Submitters will be notified of acceptance or rejection via e-mail by April 15, 2006.

Submission Instructions

Abstracts must be submitted by **Email to Maxine Cox at cox@ccf.org**. The **one page** abstract should be submitted as a Microsoft Word attachment using no smaller than an 11pt font size. There is no limit to the number of abstracts a presenter can submit.

- Title of abstract (type in all capital letters)
- Presenting author's information
 - Name (last name, first name)
 - Highest degree
 - Institution/hospital
 - Department

 - Address, city, state, country, zip/postal code
 - Telephone
 - Fax
 - E-mail
- Other authors' information
 - Name (last name, first name) - list names in the order in which they are to appear
 - Highest degree
 - City, state, country

Abstract Style Instructions

- Figures, graphs and simple tables are allowed
- Use of standard abbreviations is desirable; place unusual abbreviations in parentheses after first use of the full term

For questions or additional information - Please call The Center for Continuing Education at **800-762-8173 or 216-444-5696**.

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Abstract Policies

1. Abstracts must be RECEIVED BY **April 1, 2006**.
2. Abstracts must be submitted on line.
3. There is no limit to the number of abstracts an investigator may submit.
4. If an error is found on an abstract submitted prior to April 1, 2006, an author may request, in writing to withdraw this abstract. A new abstract may be submitted if received by the April 1, 2006 deadline. After the deadline, an author may not resubmit an abstract in order to make changes or corrections. The abstract may be withdrawn or, if accepted, the error may be indicated during the presentation. Proofread abstracts carefully to avoid errors before they are submitted.
5. Any human experimentation must conform with the principles of the Declaration of Helsinki of the World Medical Association (Clinical Research 1992 Dec;40(4):653-60).
6. The Bone Innovation Summit 2006 Program Committee endorses the position of the American Association for the Advancement for Science in requiring assurances of the responsible use of animals in research. All submissions for consideration must be in compliance with the guidelines. (American Association for the Advancement of Science Resolution on Use of Animals in Research, Testing, and Education. Adopted by the AAAS Board and Council February 19, 1990).

Presenting authors will be notified of acceptance by e-mail.

Poster Presentations

If your abstract is accepted, your acceptance notice will indicate your poster assignment number. Each poster board measures 4' high (121 cm), and 6' wide (183 cm). You must provide a copy of the abstract, typed in large type for posting on the board. Illustrations must be readable from distances of at least three feet. Use lightweight poster board only; heavy board is difficult to secure. Push pins will be available on-site.

Podium Presentations

A limited number of abstracts will also be selected for a Short Talk (7 min) podium presentation. If your abstract is accepted and selected for a podium presentation, your acceptance notice will indicate instructions regarding the session and time allotted for your presentation.

Accommodations

The InterContinental Hotel and MBNA Conference Center is located directly on the campus of the Cleveland Clinic in Cleveland, Ohio.

A room block has been reserved a special rate of \$179 single/double plus tax until **5:00 pm EST April 3, 2006**.

To make reservations, please contact the hotel at (216) 707-4100 or toll free at 1-877-707-8999.

Please identify yourself as being with **The Cleveland Clinic Bone Innovation Summit 2006**

Airport Transportation

Arriving at the Cleveland Hopkins Airport, taxi or limousine service is the most effective mean of transportation to the Intercontinental Hotel