



The Third Annual

AKIN Conference on Research Initiatives in AKI

June 10-12, 2008

Doubletree Hotel

Bethesda, Maryland (USA)

Third Annual AKIN Conference Description

Dear Colleague,

On behalf of the organizing committee of AKIN, we would like to invite you to join us for the **Third AKIN Conference on Research Initiatives in AKI**, June 10-12, 2008 at the Doubletree Hotel in Bethesda, Maryland (USA). The meeting is scheduled to run from 6 PM Tuesday, June 10 through 1PM Thursday June 12. This meeting will immediately follow a Workshop on Assessment of Kidney Function and Damage Sponsored by the NIH NIDDK at the same location from June 9-10, 2008.

<http://www3.niddk.nih.gov/fund/other/kidneyfunction/index.htm>.

The **primary goal** of the meeting is to further the research agenda developed at the last AKIN conference and provide a structured forum for AKIN members to meet, interact and highlight and showcase ongoing research in AKI. Additional goals are to increase awareness of AKI and identify opportunities for specific projects to be leveraged through AKIN/Society Interactions. We anticipate that the conference will provide a unique forum for researchers in this field to establish collaborations with industry and other funding sources (foundations, NIH, societies) for AKI studies and match AKI projects with funding to AKIN members.

The program format is as follows:

1. A welcome reception and poster session on Tuesday evening June 10 for AKIN members, collaborating societies, funding agencies and industry partners to network and present research in progress and information on translational and clinical research opportunities in AKI.
2. Plenary sessions on Wednesday June 11 and Thursday June 12 comprised of short lectures with time for panel discussions to cover the following themes:
 - a. State of the Art overview on pertinent topics in AKI from international experts
 - b. A comprehensive update on research in progress in AKI worldwide
 - c. AKI studies with funding open to enrollment
 - d. AKIN description and update on activities
 - e. Initiatives to increase public awareness of AKI
3. A series of breakout sessions on Wednesday to develop recommendations and provide feedback from members, participating societies and industry for prioritizing various AKIN initiatives.
4. Opportunities to network and interact with key thought leaders from academia, biotech and pharmaceutical companies, societies and funding and regulatory agencies.

We look forward to seeing you in Bethesda in June. Thank you in advance.

Sincerely,

Ravindra L. Mehta, MD

AKIN Organizing Committee



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The Third Annual AKIN Conference on Research Initiatives in AKI would like to acknowledge the support of the AKIN Conference by the following:

Amgen*

Biosite Inc.

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Thrasos Therapeutics

Supported through an educational grant



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Organizing Committee

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Adeera Levin, MD, FRCPC

Ravindra L. Mehta, MD, FACP

Bruce Molitoris, MD

Claudio Ronco, MD

Sudhir Shah, MD

David G. Warnock, MD

Faculty

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Physician Director
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Global Development
Amgen Inc.

Robert A. Star, MD

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Kidney, Urologic, and Hematologic Diseases,
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Bethesda, MD USA

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Christof Westenfelder, MD

Professor of Medicine and Physiology
University of Utah
Chief, Section of Nephrology
VA Medical Center
Salt Lake City, UT USA



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Conference Information

Registration is available online at: www.akinet.org

Registration Fees

Fees Include: Conference program, workshop enrollment, course materials, 2 conference lunches, breaks, Welcome Reception and AKIN Dinner

	Early Registration Prior to May 1, 2008	Registration May 1, 2008 to June 1, 2008	On-Site Registration After June 1, 2008
Delegates	\$395	\$495	\$550
Fellows in Training*	\$175	\$275	\$300

*Letter of verification from Department Head required.

Concurrent Workshops

(choose one, enrollment included with registration fee)

Wednesday, June 11, 2008 - 2:00pm-3:30pm

Workshop 1	Coding Issues in AKI (Drs Joannidis and Warnock)
Workshop 2	Raising Awareness of AKI (Drs Levin and Shah)
Workshop 3	Research Priorities in AKI (Dr Molitoris)
Workshop 4	AKIN Activities and Research Base Enhancement (Drs Mehta and Ronco)

Guest Fee

\$85.00 per person

Includes: Welcome Reception and AKIN Dinner. Guest/s are not permitted to attend conference lectures or workshops. Attendance to lectures and workshops requires a delegate registration fee.

Cancellation Policy

Prior to June 1, 2008, if requested in writing, registration fee will be refunded less a \$75 administrative cost. No refunds after June 1, 2008. Allow 6-8 weeks for a refund.

Further Information

RES Seminars
Phone: 1-858-272-1018
Fax: 1-858-272-7687
4425 Cass Street, Suite A
San Diego, CA 92109
Email: res@res-inc.com

www.akinet.org

Hotel & Site Information

Doubletree Hotel Bethesda	301-652-2000 (Direct Telephone)
8120 Wisconsin Avenue	1-800-222-TREE (Toll Free Reservations)
Bethesda, Maryland 20814	301-664-7317 (Fax)

Online Reservation can be made by using the "Hotel Information" link on the conference site home page:
www.akinet.org

Special conference rates are offered: **\$201.00 Single/Double*** *per night, plus 7.75% occupancy tax

The Doubletree Bethesda Hotel & Executive Meeting Center is the perfect choice of Bethesda Maryland hotels, offering convenience to Bethesda area offices and the world class attractions of our nation's capital. You will be impressed by the sweeping design of our contemporary new lobby, which includes "The Great Room" the social center of the hotel featuring five distinct, yet integrated food and beverage outlets. Explore Bethesda, a trendy and affluent suburb northwest of Washington, DC, with more than 150 upscale shops and renowned restaurants just a short stroll away. You'll find our downtown Bethesda hotel just minutes from the National Institutes of Health (NIH), Bethesda Naval Medical Center, the Food and Drug Administration, and Capitol Hill while Chevy Chase Bank Headquarters, Clark Construction, BAE Systems, Lockheed Martin, IBM, and other major corporations also have offices in our neighborhood.

Be sure to make your reservations early. A limited number of rooms have been reserved for course participants and will be available on a first come, first served basis. Rooms must be reserved by **May 2, 2008**. If you call **please specify you are attending the AKIN Program** and use **Group Code "AKI"** so you can receive our special course rate.



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Abstract Submission

Submission must be completed online at: www.akinet.org

DEADLINE FOR RECEIPT OF ABSTRACTS:

May 1, 2008

General Information

- 1 The abstract must be written in English.
- 2 Deadline: abstracts **MUST BE RECEIVED** no later than **May 1, 2008**.
- 3 Online abstract submissions are required.
- 4 Presenting authors must pay the registration fee and attend the meeting. Authors of accepted abstracts are not provided with travel funds.
- 5 All accepted abstracts for presentation who have registered for the AKIN meeting will be included in the AKIN Conference Program Syllabus that is distributed at the meeting
- 6 All accepted abstracts will be exhibited during the poster sessions on Tuesday, June 10, 2008 (6:00PM).
- 7 Notification of acceptance will be emailed by **May 16, 2008**.

Content of the Abstract

- 1 Abstracts are limited to 500 words.
- 2 Body of abstract: purpose of the study, methods used, summary of the results and conclusion reached.
- 3 Please try to limit your author list to 10.
- 4 References and credits **MUST NOT** be included in the abstract.
- 5 Simple tables may be made in the submission form.
PLEASE DO NOT PASTE TABLES IN THE ABSTRACT BODY.
- 6 Formulas should be avoided.
- 7 Use standard abbreviations in parentheses after the full word the first time it appears.
- 8 Please indicate the subject category your abstract most closely represents:
 - a) **Pre-Clinical Research**
 - b) **Translational Research**
 - c) **Patient-Oriented Research**
 - d) **Drugs and Devices**
- 9 Abstracts will be published as submitted. Proof and edit your submission accordingly.

Submission

- 1 Many of the fields in the Abstract Form are required. Your form will not submit until it is complete. Please press the submit button only once.
- 2 Notification of acceptance will be mailed by **May 16, 2008**.
- 3 Upon acceptance, additional information will be forthcoming regarding poster dimensions, preparation and presentation of your poster.
- 4 For additional information or if you are unable to complete an online submission contact:

RES Seminars

4425 Cass Street, Suite A
San Diego, CA 92109

Email: res@res-inc.com
Tel: 858-272-1018
Fax: 858-272-7687



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Program

TUESDAY, June 10, 2008

- 3:00pm AKIN Advisory Committee Meeting
- 5:00pm Registration Opens
- 6:00pm Welcome Reception - Poster Session
Faculty and Fellows Reception

WEDNESDAY, June 11, 2008

- 7:00-7:30am Breakfast
- 7:30am **Opening Remarks**
Ravindra Mehta, MD, FACP
- PLENARY 1**
**Understanding Pathophysiology and Targeting
Therapy in AKI**
Co-Chairs: Anupam Agarwal, MD
Hamid Rabb, MD
- 7:30-8:00am **Cell Types, Their Roles and
Interactions in AKI**
Joseph Bonventre, MD
- 8:00-8:30am **Cellular Processes Involved in AKI:
Injury, Inflammation, Apoptosis,
Repair**
Mark Okusa, MD
- 8:30-9:00am **Key Signaling Pathways as
Potential Targets in AKI: p53,
Hif, AMPK, mTOR etc.**
Simon Atkinson, PhD
- 9:00-9:30am **Macro and Microvascular
Considerations in AKI**
Matthieu Legrand, MD
- 9:30-10:00am **Panel Discussion**
- 10:00-10:30am *Coffee Break*

PLENARY 2 Research In Progress in AKI

*Summary of current status of research recommendations
from AKIN 2*

- Co-Chairs:* Raul Lombardi, MD
Steve Webb, MD
- 10:30-10:50am **Validation of Diagnostic and
Staging Criteria**
Dinna Cruz, MD MPH

- 10:50-11:10am **Biomarker Studies In AKI**
Bertrand L. Jaber, MD, FASN
- 11:10-11:30am **Epidemiology of AKI**
Neesh Pannu, MD
- 11:30-11:50am **Prevention Trials in AKI**
Peter A. McCullough, MD, MPH
- 11:50-12:10pm **Intervention Trials in AKI:
Non-Dialysis**
Zoltan Endre, MD
- 12:10-12:30pm **Dialysis Trials in AKI**
Paul Palevsky, MD
- 12:30-1:00pm **Panel Discussion**
- 1:00-2:00pm *Lunch Hosted by Conference*
KEY NOTE LECTURE
AKI Research and Translation
What's Needed
Robert Schrier, MD

CONCURRENT WORKSHOPS

*Reports from each workshop will be presented in Plenary 3
starting at 4:00pm*

2:00-3:30pm **Workshop 1**

Coding Issues in AKI

- Co-Chairs:* Michael Joannidis, MD
David G. Warnock, MD

This workshop will discuss the need for common terminology and labeling of AKI for the ICD-10 codes that are used internationally. Proposals for new terminology of acute kidney disease, staging of AKI and the relationship to chronic kidney disease will be described. The process by which the CKD CPT codes were developed will be reviewed as a starting point. Using a similar approach, this workshop will develop a consensus document for updating the CPT codes for Acute Renal Failure so that the current usage of Acute Kidney Disease and Acute Kidney Injury are incorporated into the codes.

3:30-4:00 *Coffee Break*

Reports from this workshop will take place in
Plenary 3 at 4:00pm

Workshops continue on following page



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CONCURRENT WORKSHOPS

2:00-3:30pm **Workshop 2**

Raising Awareness of AKI

Co-Chairs: Adeera Levin, MD
Sudhir Shah, MD

This workshop will discuss the need for and strategies to increase awareness of AKI in the scientific and lay community. Various approaches utilized for other diseases will be presented and an action plan for AKI developed.

3:30-4:00 *Coffee Break*

Reports from this workshop will take place in Plenary 3 at 4:20pm

2:00-3:30pm **Workshop 3**

Research Priorities in AKI: Involving Industry

Chair: Bruce Molitoris, MD

This workshop will explore the opportunities for developing partnerships and collaborations among industry and academic and public institutions to facilitate research in AKI. Strategies Prioritized areas for AKI research based on need will be identified and a plan for implementation developed.

3:30-4:00 *Coffee Break*

Reports from this workshop will take place in Plenary 3 at 4:40pm

2:00-3:30pm **Workshop 4**

AKIN Activities and Research Base Enhancement

Co-Chairs: Adeera Levin, MD
Ravindra L. Mehta, MD, FACP

This workshop will describe the current organization and activities of AKIN and discuss various opportunities to further enhance existing resources and the research base and facilitate participation from members, supporting societies and industry.

3:30-4:00 *Coffee Break*

Reports from of this workshop will take place in Plenary 3 at 5:00pm

PLENARY 3

Reports From Workshops

Moderator: TBA

4:00-4:20pm **Report From Workshop 1**

4:20-4:40pm **Report From Workshop 2**

4:40-5:00pm **Report From Workshop 3**

5:00-5:20pm

Report From Workshop 4

5:20-6:00pm

Panel Discussion

6:00pm

Adjourn

7:00pm

Networking Reception & Conference Dinner

THURSDAY, June 12, 2008

7:00-7:30am

Breakfast

PLENARY 4

AKI Studies with Available Funding

Co-Chairs: Matt Breyer, MD
Ravi Vishwanathan, MD

10 min. Sessions

7:30-7:40am

Biosite

Peter McCullough, MD

7:40-7:50am

Biotrin Biomarkers

Cormac Kilty, MD

7:50-8:00am

CMIC Co., Ltd

Takeshi Sugaya, PhD

8:00-8:10am

CorMedix

Mark Houser, MD MBA

8:10-8:20am

Flowmedica

Jeff Elkins

8:20-8:30am

Gambro

William R. Clark, MD

8:30-8:40am

LiDCO, Limited

Rick Alberts

8:40-8:50am

MedDynamix

Mor Grinstein

8:50-9:00am

Merck Research Laboratories

David Gerhold, PhD

9:00-9:10am

NxStage

Emil Paganini, MD

9:10-9:20am

Quark

Shai Erlich, PhD

9:20-9:30am

Thrasos

Richard Andrews

9:30-9:45am

Coffee Break



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PLENARY 5

Future Directions

Co-Chairs: Roland Blantz, MD
Robert Schrier, MD

9:45-10:15am **Stem Cell Therapy for AKI:
An Update**
Christof Westenfelder, MD
continued

10:15-10:45am **Role of NIH in Supporting
AKI Research**
Robert Star, MD

10:45-11:15am **FDA Perspective**
Aliza Thompson, MD

11:15-11:45am **The Industry Perspective**
Karen Smirnakis, MD, PhD, MPH

11:45am-12:15pm **Venture Capital**
Étienne Lagacé

12:15-12:45pm **Panel Discussion**

12:45pm **Conference Adjourns**

12:45-1:35pm *Lunch Hosted by Conference*