

Shock Society



Winter 2003



27th Annual Conference on Shock Casino Nova Scotia Hotel Halifax, Nova Scotia June 5 to 8, 2004

We would like to take this opportunity to invite you to attend the 27th Annual Conference on Shock to be held in Halifax, Nova Scotia at the Casino Nova Scotia Hotel. The annual meeting will be another excellent opportunity to retreat from our day-to-day lives and discuss our combined interest in basic science and clinical research in a beautiful resort area.

The Casino Nova Scotia is located on the shore of the Halifax Harbour (the only one in the city with this feature) and is only 24 miles from Halifax International Airport. The Hotel is directly connected to the downtown business district and newly built Casino Nova Scotia via a convenient climate controlled indoor pedway called the "Downtown Link". The hotel has two popular restaurants offering an eclectic menu, two lounges, and an indoor heated swimming pool with a large modern fitness facility. On the second floor of the hotel premises is the new 5,000 square foot Interlude Spa Retreat, which offers an array of services, designed to indulge your mind, renew your body and free your spirit. Guests can take a step back in time at the enchanting Historic Properties-Privateers Wharf – adjacent to the Casino Nova Scotia Hotel. Visitors will find some of Canada's oldest buildings dating back to the late 1700s

News Letter

In this issue:

2004 Annual Meeting.....	pages 1-2
Awards.....	page 2
Officers and Committees.....	page 3
International Conference.....	page 3
Message from the President.....	page 4

that house unique shops and services. Additional details about the hotel can be found at www.casinsonovascotiahotel.com.

The scientific portion of the meeting will consist of three symposia, two workshops, a new investigator competition, a new investigator forum, poster sessions, and four minisymposia with speakers selected from submitted abstracts. Kevin Tracey has put together a wonderful program. Topics in the symposia/workshops include disease modeling: network responses and outcomes, organ injury and mechanisms of protection, intracellular signaling and gene expression, allostasis and the stress response, immune modulation, and a workshop on transferring discoveries from the lab to the patient based on true stories of successful projects.

Please mark your calendars for June 5-8 and remember the submission deadline of January 31, 2004 to submit your best research. The meeting promises to be enjoyable as well as scientifically "top-notch." We look forward to seeing you. The nightly room rate in Canadian dollars will be \$193 single/double.

Shock Society and International Sepsis Forum to Host Symposium on Pre-Clinical Models of Shock and Sepsis. The Shock Society, in collaboration with the International Sepsis Forum, will also be hosting a symposium on Pre-clinical Models of Shock and Sepsis on June 3-4, immediately prior to the Annual Meeting in Halifax. Chaired by John Marshall, with a planning committee of members of the Shock Society and the ISF, this closed workshop will bring together a small group of investigators whose expertise spans the spectrum of pre-clinical models for the study of the biology and treatment of shock and sepsis along with representatives from industry and regulatory agencies. Its objectives will be to assemble a comprehensive overview of the experimental models available for the study of shock and sepsis, and to develop a minimal portfolio of pre-clinical studies that should be considered in the pre-clinical evaluation of novel therapeutic strategies.

Hopefully, it will generate some funds for the Shock Society. Papers from the meeting will appear in a future supplement to Shock, and the conclusions of the two-day event will be reported during the annual meeting.

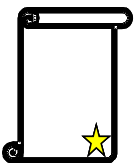
New Investigator Award

The Shock Society encourages new investigators to submit their work for presentation at our annual meeting. Due to the generosity of several sponsors including Aventis Behring, Pharmacia-Pfizer, Office of Naval Research, Baxter-Healthcare, Cubist Pharmaceuticals, HyCult Biotechnology b.v., twenty-four new investigators received travel awards to attend the 2003 annual meeting in Phoenix, Arizona. These awardees gave nine oral and eleven poster presentations, highlighting the high quality of the submitted research. The 2003 Awards and Honors Committee selected the following five abstracts for final judging, with Kinga A. Powers as the ultimate winner.

- ◆ Hongkuan Fan, Toll-like receptor 4 (TLR4) coupled G₁ protein signaling pathways activate extracellular signal-regulated kinase (ERK1/2) phosphorylation independent of NfκB activation, The Med University of S.C., Charleston, SC
- ◆ Kinga A. Powers, Oxidants in hemorrhagic shock induce lipid raft recruitment of toll like receptor-4 (TLR-4), Univ of Toronto, Toronto, On., Canada
- ◆ Kaeem D. Husain, BCL-2 inhibits gut epithelial apoptosis but does not improve survival in acute lung injury, Washington Univ., St. Lois, MO
- ◆ Virginia L. Vega, Ageing and caloric restricted diet are confounding factors that alter the response to LPS by peritoneal macrophages from C57BL/6 mice, Johns Hopkins Medical Institutions, Baltimore, Maryland
- ◆ Zhihong Hu, Modulation of mitochondria-dependent neutrophil apoptosis with burn injury, Loyola University Medical Center, Maywood, IL

Scientific Achievement Award and Distinguished Service Award

At the annual meeting in Phoenix, Arizona (June 2003), the society recognized two extraordinary members that have made outstanding contributions over the years. Dr. Arthur Baue received the Scientific Achievement Award for his career long interests in shock and trauma and his commitment to training several generations of physician investigators and basic investigators. The chair of the society's membership committee, Daniel Brackett, received the Distinguished Service award for his fine effort in strengthening the membership of the Society. We once again acknowledge and congratulate Dr. Baue and Daniel Brackett on these well-deserved awards. **NOTE: Members of the society may submit nominations for these awards by Feb. 1, 2004, to James Holcroft, Chair of the Honors and Awards Committee (James.holcroft@ucdmc.ucdavis.edu). Please include a C.V. and letter of support.**



SHOCK SOCIETY OFFICERS AND COMMITTEES

2003-2004

PRESIDENT: David B. Hoyt
PRESIDENT-ELECT: Alfred Ayala
SECRETARY: H. Hank Simms
TREASURER: Alfred Ayala (2005)
COUNCILORS: Carol L. Miller-Graziano (S; 2006), Ernest E. Moore (C; 2006), Antonio De Maio (S; 2005), Carl J. Hauser (C; 2005), Daniel J. Brackett (S; 2004) and John C. Marshall (C; 2004)
PAST-PRESIDENTS: Carol Wells (2006), James W. Holcroft (2005), Jureta W. Horton (2004)
EDITOR: Irshad H. Chaudry (2006)
PROGRAM COMMITTEE CHAIR: Kevin J. Tracey (2004), Basil A. Pruitt (2005), Daniel G. Remick (2006)
(S) denotes basic science councilor; (C) denotes clinical councilor, (year) denotes end of term

AWARDS & HONORS

James W. Holcroft, Chair (2006)
Carol L. Wells (2005)
Daniel G. Remick (2004)
George W. Machiedo (2005)
Gregory J. Bagby (2006)
Basilina Zingarelli (2006)
Cliff Deutschman (2006)

DEVELOPMENT COMMITTEE

Carl J. Hauser, Chair (2005)
H. Hank Simms (2005)
Lyle L. Moldawer (2004)
Kevin J. Tracey (2004)
John C. Marshall (2006)

FINANCE COMMITTEE

H. Hank Simms, Chair
Carl J. Hauser
David B. Hoyt
Carol L. Wells
Alfred Ayala

PUBLICATIONS COMMITTEE

Mark G. Clemens, Chair (2004)
Raul Coimbra (2006)
Robert N. Cooney (2006)

NOMINATING COMMITTEE

Carol L. Wells, Chair (2007)
James W. Holcroft (2006)
Jureta W. Horton (2005)
Edwin A. Deitch (2004)

RULES COMMITTEE

Richard S. Hotchkiss, Chair (2004)
Craig M. Coopersmith (2005)
David H. Livingston (2006)
Reuven Rabinovici (2006)

LABORATORY ANIMAL ISSUES

Jean Nemzek, Chair (2004)
Patricia E. Molina (2005)
Annie Minard (2004)
Edmund J. Miller (2006)

INTERNET COMMITTEE

Heinz R. Redl
H. Gil Cryer
Irshad H. Chaudry
Wolfgang G. Junger

MEMBERSHIP COMMITTEE

Daniel J. Brackett, Co-Chair
Jureta W. Horton, Co-Chair
Kathleen H. McDonough
Lorrie A. Langdale

INTERNATIONAL RELATIONS

Ron V. Maier, Chair John C. Marshall
Daniel L. Traber Mauricio Rocha e Silva
James A. Cook Mohammed A. Sayeed
David B. Hoyt Carol L. Wells

SCIENTIFIC PROGRAM COMMITTEE

Kevin J. Tracey, Chair (2004)
Basil A. Pruitt, Jr. Chair (2005)
Daniel G. Remick, Chair (2006)
Antonio De Maio (2004)
Gene Moore (2005)
Lyle L. Moldawer (2004)
Ori D. Rotstein (2005)
Eileen M. Bulger (2006)
Mark Lyte (2006)

5th International Shock Congress – in conjunction with the 6th World Congress on Trauma, Shock, Inflammation, and Sepsis – Pathophysiology, Immune Consequences, and Therapy, – Munich, Germany, March 2-6, 2004



The 6th World Conference provides a great forum for presentation and discussion of the latest advances in science-molecular biology, immunology, biochemistry, genetics, and high technology. The major theme of the 2004 congress is: "Trauma, inflammation and organ dysfunction in the era of the genome". The human and mouse genome sequencing projects near completion. The technology necessary to harness the power of genome-wide molecular profiling is rapidly evolving and soon will be available to all who study critical illness in injury. However, new opportunities create new challenges, and the difficulty of mining these huge data sets, in particular, is daunting. The congress provides the ideal venue to learn about the promise of functional genomics, the limitations of rapidly evolving technology, and the application of complex systems strategies to evaluate integrated genome-wide data sets. For more information please visit: <http://www.trauma-shock-sepsis-congress-munich-2004.org>.

MESSAGE FROM THE PRESIDENT



The Shock Society has been, and remains one of the most important opportunities to integrate clinically active physicians and basic scientists in shock research. This concept is the heart and soul of our organization. The balance is essential to making advances in the treatment of shock and the friendships, camaraderie, and mutual respect that grows from this interaction is often hard to find in today's world. There are very few organizations that have achieved this balance and it is what makes the meetings and society so unique.

I believe the most important legacy for the Shock Society in the future is to continue to promote the cross-fertilization of knowledge and technology between basic scientists and clinicians and turn this expanded knowledge into clinical trials. Keeping clinicians interested in basic science and new opportunities for clinical trials and keeping basic scientists interested in the clinical focus should continue to be our strength.

This year has been filled with opportunities to expand this interaction and make shock related clinical trials a reality. First and foremost the NIH has shown a real migration to translational research. This has been manifested in several new RFA's in shock and was in particular highlighted by NHLBI RFA proposing the first shock resuscitation consortium. Hopefully this will emerge during 2004 and become a template for clinical consortia in the future.

Most recently there has been an added opportunity with offering of the R34 to explore the feasibility of a clinical trial prior to a formal award. This nicely supplements the K08 and K23 awards with particular focus on young investigators or new areas to explore for clinical applicability.

We need to strengthen these trends during our annual Shock Society meeting and this year's meeting is a perfect example of how to do that. We need to help each other to become effective in accessing these funding mechanisms and support each other in doing cross-



department and cross-disciplinary research. This will not only encourage us to be more productive, but will re-engage many of our colleagues who have felt that the prospects for doing effective research are no longer feasible. I encourage each one of us this year to take on a personal project in collaboration and involve somebody who has potential to enjoy the excitement of research. You will take pride in the fact that you have involved someone in the same way you would take pride in getting a new grant. The spirit of collaboration thrives with the Shock Society and we should each do everything we can to promote this on behalf of new knowledge and better treatments for our patients.

David B. Hoyt, MD

The Society is pleased to announce the Shock Society Office is now managed by Dr. Hank Simms, as the new Secretary for the Society. Dr. Simms and his staff will be handling the collection of dues, the membership database, the membership directory, and many other duties related to the Society. Please direct any questions or comments to the following address:

**Office of the Secretary
H. Hank Simms, M.D., Secretary
Department of Surgery
North Shore University Hospital
300 Community Drive
Manhasset, NY 11030-3878
Office: 516-562-2870 Fax: 516-562-4821
E-Mail: hsimms@nshs.edu**

