



Shock Society Newsletter

Spring 2012



Basilia Zingarelli, M.D., Ph.D.
President-Elect

Dear Members of the Shock Society,

As the incoming President, I have the privilege of serving on the Council for a second time! I'm always enriched by the experience and look forward to working with the Council and membership.

This year promises to be an exciting one for the Shock Society as it will start with the 35th Annual Conference on Shock and the 7th Congress of the International Federation of Shock Societies, which will be held in beautiful Miami Beach, June 9-13, 2012. The US Shock Society is particularly pleased to welcome the members of the other Societies of the International Federation, who will participate in the program activities. The involvement and synergy created through these alliances is crucial to advocate for initiatives impacting research and clinical care in shock and trauma worldwide. I encourage you to take the opportunity during the meeting to network and establish collaborations. Our program committee, led by Dr. James Lederer, has organized an outstanding scientific program. I invite you to take a few moments to review the full list of topics at our website (<http://www.shocksociety.org/program>). The pride of the Shock Society Conference has always been the presentation of the highest quality original science. And again this year, with the submission of your best abstracts, I anticipate a successful meeting.

This year, however, will also be challenging as we strive to stay true to our Mission, Vision and Goals while adapting to meet the tight financial support for research programs and the changes of the healthcare system. In this regard, I wish to acknowledge and thank our President, Dr. Timothy Buchman, for the development and implementation of the Society's Strategic Plan, which is invaluable in making us as effective and fiscally responsible as possible. Over the next year, the

Council and Committees will work together to further carry out the goals of the Shock Society, but we need you, our enormously talented membership, to keep our strategic planning process relevant, focused and productive. I look forward to hearing from you with your concerns, issues or ideas on how we can move initiatives forward to achieve our mission of promoting scientific research and advancing clinical care. Also, please consider joining a committee. The list of committees is at the end of this newsletter. I believe the rewards of committee participation are well worth the time invested. The ideas you share can make a difference. You can contact me directly at basilia.zingarelli@cchmc.org.

I look forward to seeing you in Miami Beach.



James Lederer, Ph.D.
2012 Program Chair

On behalf of the International Program Committee, we hope you are looking forward to attending the 7th Congress of the International Federation of Shock Societies and the 35th Annual Conference on Shock. This year's committee put together an integrated international program with the primary aim of providing an international perspective on injury, shock, and sepsis research. The program includes plenary sessions and parallel symposia on topics that encompass new as well as ongoing shock research areas. We are also pleased to announce that Dr. Joost Oppenheim from the National Cancer Institute (NCI) will present a keynote address entitled "Alarmins can be Alarming!" at this year's meeting. As many of you know, Dr. Oppenheim is a long-standing pioneer of inflammation research and will share with us his expertise and insights on the host response to injuries and sepsis.

The session topics this year will include plenary sessions entitled; Shock Research from Around the Globe, The

Influence of Predisposing Conditions on the Pathophysiology of Injury and Sepsis, An International Perspective on New Treatments for Injury, Sepsis, and Organ Dysfunction, Nutritional Influences on Critical Injuries, and Endogenous Triggers of the Injury Response. The symposia topics will include; Traumatic Brain Injury: Prevalence, Diagnosis and Treatment, Pathways to Discovery, Cellular and Molecular Mediators of Injury and Shock, Alternative Medicine Approaches to Study and Treat Injury, Shock, and Sepsis, Resolution of the Injury Response, The Significance of Stem Cells to Injury Research and Therapy, and Cellular and Molecular Responses to Hemorrhagic Shock. Detailed information about each of these sessions can be found online at <http://www.shocksociety.org/meetings>. In addition to the invited speakers, the top-scoring abstracts were placed within these sessions as oral presentations. The New Investigator Award session will include the top 5 finalists plus award-winning presentations from this year's European and Japan Shock Societies. Each day of the meeting will begin with 2 hour long poster sessions with continental breakfast to encourage fruitful discussions. We, the program committee, are confident that you will find this year's meeting at least as exciting as the traditional Presidential Fun Run on Monday morning.

I would like to thank the hard-working members of the Shock Society Program Committee for their thoughtful review of abstracts and for their help with organizing the sessions. These include Ping Wang, MD (2013 Chair), Charles Caldwell, PhD, Celeste Finnerty, PhD, Judith Hellman MD, Edmund Miller, PhD Marcin Osuchowski, DVM, PhD, Edward Sherwood, PhD, and Michael West, MD, PhD. Lastly, be sure to take advantage of the savings by registering for the meeting online before April 15, 2012. You should also reserve your hotel rooms as soon as possible and before the cutoff date of May 11, 2012. We are looking forward to a fun and thought-provoking meeting in Miami



Robert N. Cooney, MD.
Secretary

Greetings to the SHOCK Society membership! The 7th Congress of the International Federation of Shock Societies and the 35th Annual Meeting of the Shock Society will be held at the Eden Roc Renaissance Resort in Miami, Beach, FL from June 9 - 13, 2012. Dr. Lederer and colleagues have put together an outstanding

program with "something of interest for everyone". This includes plenary sessions on shock research and treatments around the world including: endogenous triggers of the injury response, the influence of predisposing conditions and nutrition on outcomes. In addition, symposia on traumatic brain injury, cellular and molecular responses to hemorrhage and shock, stem cells and the resolution of the injury response will also be offered. The weather in Miami Beach is always beautiful with temperatures ranging from 75° to 88° F in June. Don't forget to register for the 30th annual presidential fun run which will be held at 6 am on Monday June 11. Dr Clemens is in charge this year. Somehow I'm guessing we'll be running along the beach!

I'd like to briefly update the SHOCK Society membership on several initiatives within the organization. The society is working hard to increase exhibitor participation at our annual meeting. An important driver of exhibitor participation at meetings is the relationship with individual investigators and laboratories. Exhibitor guidelines are available online: <http://www.shocksociety.org/assets/docs/shock%20exhibitor%20info%202012.pdf>. I would encourage all members to recommend this opportunity to appropriate exhibitors or to provide the names of potential exhibitors to the Chair of the Development Committee.

I'd like to encourage everyone's participation in the 2012 SHOCK Society elections. The ballot can be accessed on the Member's section of the website using your log on name and password, then clicking on 2012 Election. This year's candidates include: Robert Cooney and David Herndon as candidates for President-elect, Marc Jeschke and Ed Sherwood as candidates for the Scientific Program Chair of the 2015 meeting, Sanna Goyert and Alex Lentsch as candidates for the Shock Society Secretary, Christine Metz and Yoram Vodovotz as candidates for Basic Science Councilor and Jennifer Kaplan and John Younger as candidates for Clinical Science Councilor. Congratulations to all the candidates, we look forward to working with you in the coming year.

Finally, the Shock Society continues to work with Strategem for meeting organization and planning. All of us are looking forward to working with Bill Curreri and Mary Schuerman in the years to come. With that in mind, the 36th Annual Conference on Shock will be held at the Sheraton San Diego in San Diego from June 1 to 4, 2013. The location and dates for the 37th Annual Conference on Shock were recently announced. The meeting will be held from June 7 - 10, 2014 at the Westin Charlotte in Charlotte, NC.



Lorrie Langdale, M.D.
Treasurer

I am happy to report that the Shock Society remains fiscally healthy. A detailed 2011 income and expense report will be provided at the

Council Meeting at the 35th Annual and International Conference in Miami, Florida.

As of February 2012, the Society had a bit over \$1 million in total assets with projected encumbrances of \$150,000 between now and the June meeting. This represents a remarkable recovery from a very stressful period not so long ago, as many long-standing members will recall. The current principal is distributed over several institutions in interest-generating Money Market Funds to ensure FDIC coverage. Because of the low yield of these accounts, the Council and society members voted to pursue in a more aggressive investment strategy while maintaining as much fluidity as possible. \$250,000, initially invested in a 1 year Certificate of Deposit, has recently been re-invested in a higher yield 36 month CD. An additional \$250,000 was invested in a mutual fund instrument through the Royal Bank of Canada Financial Management group. This fund is governed by a strict stop-loss strategy, limiting our overall potential risk, and can be accessed without penalty should the need arise. Fluctuations in the market have not yet yielded significant gains but as our economy recovers, I expect that we will reap substantial benefits.

Income from the Journal continues to be our primary source of revenue and a new contract, negotiated last spring, guarantees at least \$150,000 per year in revenues. Our primary expenses include our commitments to Strategem, Journal subscriptions for members, and meeting costs. A new contract with Stratagem was negotiated for 2011 through 2015 and we look forward to continuing the productive relationship that has made our meetings so successful. Strategem and the council have been trying to garner additional vendor support to offset meeting expenses – this has proven to be challenging as the intimate (ie "small") scale that so many of us love about our meeting makes us less attractive to vendors. Fiscal development is integral to the evolving strategic plan for the Shock Society so if you have contacts or ideas, please contact our esteemed president, Dr. Buchman, or virtually any council member. We are all in this together so let's hear from YOU! See you in Miami!



Irshad H. Chaudry, Ph.D.
Editor-in-Chief, SHOCK

The number of manuscripts submitted to *SHOCK* in the year 2011 decreased by approximately 5% compared to the number of submissions in the year 2010 and I

sincerely hope this is an episodic event and will reverse this year. I would greatly appreciate it if the Shock Society members would submit more of their outstanding work to our official journal and would also greatly appreciate it if you would cite publications from *SHOCK* in your manuscripts submitted not only to our journal, but also to other journals.

I would like to express my sincere thanks and appreciation to the authors, to the Associate Editors, and to the Editorial Board members for their tremendous help and support to the journal. I am also grateful to the Associate Editors and to the Editorial Board members who continue to take time from their busy schedules to summarize under the banner, "What's New in *Shock*?" in each issue of the journal. My sincere thanks are also due to the guest reviewers for their thorough and expeditious review of the articles. I am also thankful to Connie Weldon, my Editorial Assistant, who has and continues to provide tremendous help in all aspects of the journal. My special thanks go to Mr. John Ewers, our Senior Publisher, and to Rosemary Hutzler, our Production Editor, Lippincott Williams & Wilkins (LWW), for their kind help pertaining to publication.

The web site, ScienceByte, was made available by Matthias Redl for online submission and processing of manuscripts for *SHOCK* for a long period of time. ScienceByte was extremely useful and allowed a simplified and fast way to upload manuscripts. Since September 2011, the manuscript submission site has been changed from ScienceByte to Editorial Manager, which is managed by LWW. There are many features on Editorial Manager which were unfortunately not available on ScienceByte, and I will greatly appreciate the authors' indulgence in their submission of manuscripts through Editorial Manager, although it requires more author input than in the previous system. The many additional features, such as Deep Links, aid and improve the author submission process. Furthermore, the ability to send user name/password from the user's record, quick links to search pages, file attachment as *ad hoc* letters, automated author reminders and such other features, necessitated our

switching to Editorial Manager. I express my sincere thanks, gratitude and appreciation to Matthias Redl for all the hard work and kind help he provided the journal and me through ScienceByte.

I am pleased to inform you that the Publication Committee Chair Dr Charles Lang and his Committee approved the appointment of the following Editorial Board members to Associate Editors. These include: Timothy Buchman, Frederick Moore, and Basilia Zingarelli. The Publication Committee also approved the appointment of Daniel Meldrum as Associate Editor-in-Chief, and Christoph Thiemermann as Senior Associate Editor, Europe. The following individuals have agreed to serve on the Editorial Board of *SHOCK*, effective 2011. These include: Derek Angus, Anirban Banerjee, Hobart Harris, Laurie Kilpatrick, Rosemary Kozar, Reinaldo Salomao, and Huang-Ping Yu. John Chatham and Ernest Moore have stepped down from the Editorial Board and I am deeply saddened to lose the valuable support and help of Arthur E Baue, Luiz Figueiredo and Stephen Lowry due to their untimely death.

If you have suggestions for improving any aspect of our journal, kindly e-mail your suggestions to me at shock@ccc.uab.edu. I and the Editorial Office of *SHOCK* thank all of the authors who have and who continue to submit articles to *SHOCK*.

SHOCK SOCIETY - 2011 - 2012 COUNCIL

Timothy Buchman, Ph.D., M.D, President (2012)
Basilia Zingarelli, M.D., Ph.D., President-Elect (2012)
Robert Cooney, M.D., Secretary (2012)
Lorrie Langdale, M.D. Treasurer (2013)
Mark Clemens, Ph.D., Past President (2012)
Daniel Remick, M.D., Past President (2013)
Daniel Traber, Ph.D., Past President (2014)
Irshad H. Chaudry, Ph.D., Editor, *SHOCK*
James Lederer, Ph.D., Program Chair (2012)
Charles Lang, Ph.D., Publications Chair (2015)
Brenda Smith, Ph.D. (2012)
Paul Wischmeyer, M.D. (2012)
Rosemary Kozar, M.D., (2013)
Wolfgang Junger, Ph.D., (2013)
Laurie Kilpatrick, Ph.D., (2014)
Steven Wolf, M.D., (2014)
Craig Coopersmith, M.D., (2015)
Cynthia Otto, DVM, Ph.D. (2015)

STANDING COMMITTEES

Awards and Honors Committee

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Yoram Vodovotz (2013)
Michael Dubick (2014)
Charles Wade (2014)

Perenlei Enkhbaatar (2014)
Csaba Szabo (2014)
Philip Efron (2015)
Mark Clemens, Past President (2012)
Daniel Remick, Past President (2013)
Daniel Traber, Past President (2014)

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Saman Arbabi (2012)
James Lederer, ex-officio (2012)
Ron Tompkins (2013)
Carl Hauser (2013)
Ed Deitch (2014)

Finance Committee

Lorrie Langdale, Chair (2013)
David Herndon (2013)
Basilia Zingarelli, ad hoc (2012)

International Relations Committee

Daniel Remick, Chair
Basil Pruitt, Jr.
Mark Clemens
Daniel Traber, ex-officio
Timothy Buchman, ex-officio
Basilia Zingarelli, ex-officio
Irshad H. Chaudry, ex-officio
Tina Palmieri, ex-officio

Internet Committee

Gary An, Chair (2012)
Deborah Stearns-Kurosawa (2012)
Edmund Neugebauer (2012)
Yoram Vodovotz (2013)
Irshad H. Chaudry, ex-officio

Laboratory Animals Issues

Piper Wall, Chair (2012)
Joanne Lomas (2012)
Martyn van Griensven (2013)
Kevin McConnell (2014)
Penny Reynolds (2014)

Membership Committee

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Octavia Peck-Palmer (2012)
Joseph Messina (2013)

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Basilia Zingarelli, Co-Chair
Richard Hotchkiss
Alfred Ayala
Robert Barber
Keith Borg
David Shepherd
Jessica Clark
Irshad Chaudry, Senior Advisor
Daniel J. Brackett, Senior Advisor

Nominating Committee

Daniel Traber, Chair (2015)
Daniel Remick (2014)
Mark Clemens (2013)
Basil Pruitt, Jr. (2012)

Publications Committee

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Celeste Finnerty (2014)
Ping Wang (2013)
Jessica Dominguez (2015)

Rules Committee

Alfred Ayala, Chair (2012)
Lorrie Langdale (2012)
Hongwei Gao (2012)
Cynthia Otto (2013)

Scientific Program Committee

James Lederer, (Chair 2012)
Edward Sherwood (2012)
Marcin Osuchowski (2012)
Ping Wang, (Chair 2013)
Edmund Miller (2013)
Charles Caldwell (2013)
Michael West, (Chair 2014)
Celeste Finnerty (2014)
Judith Hellman (2014)