Welcome

This year was a great success for our Biometals community which now is called International Biometals Society (IBS) with a broad range of activities and an official journal BioMetals. We all look forward to the next highlight of the year 2014 which will bring together scientists from all over the world to Durham, North Carolina, USA., where the 9th International Biometals Symposium will take place under the guidance of Professors Alvin Crumbliss, Kathy Franz and Dennis Thiel as described in more detail in this Newsletter. Information on the location, accommodation and registration can be obtained on the Biometals web site www.biometals.org. All Members of the IBS will receive a discount for the registration fees of the biometals meeting.

For further member benefits and benefits of the publisher Springer, see the Biometals web site. We invite interested scientists to join the IBS by a membership application which can be easily done by filing the membership application reply form on the web site www.biometals.org. In accordance with established guidelines, the IBS dues for 2014 are to be sent to Professor Manuel Lemos, treasurer of the IBS. I am also very happy that the IBS is now able to financially support this biometals meeting in North Carolina. In previous biometals meetings this was not possible and we hope to continue this kind of support for future biometals meetings. Many thanks goes to all my colleagues working for the IBS and also for the Editorial Board of the journal BioMetals. We all know that reviewing manuscripts is hard work which requires, besides scientific qualification, a great input of time. The same applies for the authors who prefer to send their manuscripts to the journal BioMetals and who trust on the qualified comments of the referees. I greatly appreciate the assistance of the publisher Springer who always provided support to the IBS and certainly be a sponsor at the meeting in Durham. I anticipate that 2014 will bring new challenges for all of us but this, on the other hand, will eventually strengthen our efforts and success.

With best wishes for the New Year 2014,

Guenther Winkelmann
President of IBS

Announcements and News

Shelly M. Payne
Receives the 2014 Igor Stojilikovic Award
This award is for outstanding research in biometals. A presentation will be at the 2014 International Biometals Symposium July, 2014 at Duke U.

Larry L. Barton
Receives the 2014 Heritage Award
This award is for contributions in the area of biometals. A presentation will be at the 2014 International Biometals Symposium July, 2014 at Duke U.
July 13 – 18, 2014
Duke University
Durham, NC USA

An interdisciplinary conference exploring metals in biology, medicine, and the environment

Session Topics
Mechanisms for metal acquisition
Metals at the host pathogen interface
Metal cofactor assembly
Metals in health and disease
Metal homeostasis in plants
Metal dependent signaling
Environmental biology of trace metals
Metal-gene interactions
Toxic metal management
Metals in biotechnology

Organizing Committee
AI Crumbliss, Duke University
Kathy Franz, Duke University
Dennis Thiele, Duke University

Email
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Print Books on Iron and Microorganisms

Iron Uptake and Homeostasis in Microorganisms
Editors: Pierre Cornelis and Simon C. Andrews
Caister Academic Press
June, 2010
Comprehensive reviews on iron uptake and metabolism in microorganisms including rhizobia, Bordetella, Shigella, E. coli, Erwinia, Vibrio, Aeromonas, Francisella, Bacteroides, Campylobacter, cyanobacteria, Bacillus, staphylococci and yeasts.

Iron Transport in Bacteria
Editors: Jorge H. Crosa, Alexander R. May, Shelly M. Payne
ASM Press, 2004
Topics reviewed in 16 chapters Include the following: Siderophores, hemophores, iron transport proteins, regulation and energetics of transport systems, iron transport and ecology. The transport of iron in pathogenic bacteria is covered in an additional 14 chapters.

Biometals 2014 Symposium

Focus: Exploring metals in biology, medicine, and the environment

For Information concerning the following:

Registration (discount if early)
Abstract (open in January)
Accommodations
Invited speakers
Posters
Travel

Check at http://biometals2014.chem.duke.edu

Obituary notice:
B. Rowe Byers
Ph.D.
(1936 - 2013)

On June 26, 2013 Benjamin Rowe Byers, passed away at Hospice Ministries after a long struggle with a prolonged serious illness. "Rowe" was professor at the U. of Mississippi School of Medicine from 1967 to 2007 and frequently attended international meetings on iron metabolism by bacteria until he became ill. Rowe had just finished editing a book on Iron metabolism in Mycobacteria and this book will be available soon from Springer.

Siderophores from Neighboring Organisms Promote the Growth of Uncultured Bacteria.
Anthony D'Onofrio
Published by Proquest, Umi Dissertation Publishing, United States 2012
ISBN 10: 1248996119
ISBN 13: 9781248996119
Announcements of Metal Meetings

**ISMEC2014**  
International Symposium on Metal Complexes  
June 8-12, 2014  
Raffaella Biesuz (Chair)  
Pavia, Italy  
http://www.ismec2014.org

**BioIron2015**  
6th Meeting of the International BioIron Society  
Sept 6-10, 2015  
China  
http://www.bioiron.org/default.aspx

**ISZB 2014**  
Meeting of the International Society for Zinc Biology  
September 14-19, 2014  
Asilomar Pacific Grounds, CA  
http://www.iszb.org

**8th Int. Conference on Heme Oxygenases, BioIron and Oxidative Stress**  
October 8-11, 2014  
Sydney, Australia  
http://hemeoxygenase2014.org.au

**TEMA15**  
15th International Symposium on Trace Elements in Man & Animals  
June 22-26, 2014  
Orlando, Florida  
http://www.conference.ifas.ufl.edu/TEMA15/

**Copper 2014**  
9th International Copper Meeting  
October 5-10, 2014  
Vico Equense, Italy  
http://sites.duke.edu/copper2014/

**Environmental Hazards of Trace Elements**  
Emphasis on Environmental Lead Poisoning  
October, 2014  
Kashmir, India  
Shafiq-ur-Rehman (Organizer)  
Email: shafiqii@gmail.com

**Interested in Hosting a Biometals Symposium in the Future?**  
If so, contact an officer of IBS