

6th INTERNATIONAL SYMPOSIUM ON METAL IONS IN BIOLOGY AND MEDICINE

7 - 10 May 2000
Caribe Hilton, San Juan, Puerto Rico, USA

DESCRIPTION:

The 6th International Symposium on Metal Ions in Biology and Medicine will be held in San Juan, Puerto Rico, USA. The objective of this symposium is to foster exchange of opinions between professionals and specialists working on analysis, research and applications of metals, trace elements and minerals in biological, biochemical, medical sciences, and environmental health. The scientific program, composed of plenary and concurrent sessions, poster presentations, and panel discussions, is designed to promote intensive and productive dialogue among experts in these fields. Short courses have been also organized, featuring specialized areas including toxicology, analysis, and environmental health research. The organizers of this symposium welcome you, and hope that you will enjoy the scientific and social programs.

HISTORICAL PERSPECTIVE:

The *International Symposium on Metal Ions in Biology and Medicine* was originated in 1990 in Reims, France, and it has been continued every two years. The chronological sequence of previous conferences is listed below:

<i>Location & Year</i>	<i>Chairpersons</i>
1 st : Reims, France, 1990	Dr. Ph. Collery and Dr. J.C. Etienne
2 nd : Loutraki, Greece, 1992	Dr. J. Anastassaoupoulou, Dr. T. Theophanides
3 rd : Montreal, Canada, 1994	Dr. N.A. Littlefield and Dr. L. Poirier
4 th : Barcelona, Spain, 1996	Dr. J.L. Domingo, Dr. J.M. Lobet , Dr. J. Corbella
5 th : Munich, Germany, 1998	Dr. P. Brätter, Dr. V. Negretti de Brätter , Dr. P. Schramel

Members of the International Scientific Committee are named by the new organizers. Former chairpersons remain permanently in the International Scientific Committee.

SCOPE OF THE SYMPOSIUM:

The scientific program is organized according to traditional areas in biology, medicine, and environmental health. The following topics are examples of the intended breadth of the Symposium:

- Metals and Environmental Health
- Speciation of Metals and other Elements
- Uses of Metals in Clinical Applications
- Epidemiology and Occupational Health
- Metals and Disease: Environmental and Toxicologic Pathology
- Health Effects of Arsenic
- Metals and Aging
- Metals and Homeostasis
- Effects of Low and High Nutritional Trace Elements Intake
- Risk Assessment of Trace Element Status and Health
- Toxicity of Metals
- Metals and Hormone Receptors
- Metals and Chelation Therapy
- Metals and Enzyme Activity
- Advanced Methods for the Analysis of Trace Elements and Metal Ions

The objectives of the Symposium are:

- 1 To promote the exchange and dissemination of scientific knowledge about trace elements and metal ions and their role in biological processes and in the etiology of diseases including cardiovascular diseases, diabetes, and cancer.

- 2 To explore new advances, applications and uses of metal ions on medical research areas including: clinical applications, aging, nutrition, and cancer prevention.
- 3 To discuss new technological developments on the analysis of trace elements and metal ions.
- 4 To foster discussion on environmental and public health research needs.

INTEREST GROUPS:

The Symposium is intended to bring together scientists and specialists from the following areas:

- * Medical scientists, health professionals, toxicologists, pharmacologists; and others interested in the effects of metal ions, trace elements, and minerals on human and environmental health.
- * Environmental and industrial scientists, epidemiologists, geo-scientists.
- * Biochemists, biologists, chemists.
- * Microbiologists, geneticists, molecular biologists, cell biologists.

COMMITTEES:

Chairman, *International Scientific Committee:*

Dr. José A. Centeno

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Co-Chairman: Dr. Philippe Collery (France), Institut International de Recherche sur les Ions Métalliques, Email: Philippe.collery@wanadoo.fr

Honorary Chairpersons:

Dr. Florabel G. Mullick (USA), Center for Advanced Pathology, AFIP, Email: Mullick@afip.osd.mil

Prof. Dr. Jean-Claude Etienne (France), Conseil Régional de Champagne Ardenne, <http://www.iirim.com>

General Secretary: Dr. Lylia Khassanova (Russia), <http://www.iirim.com>

International Scientific Committee:

C. Abernathy (USA)	J. Anastassopoulou (Greece)
O. Andersen (Denmark)	V.H. Aposhian, (USA)
G. Beckett (Scotland, UK)	A. Berthelot (France)
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B. Michalke (Germany)	V. Negretti de Brätter (Germany)
J. Neve (Belgium)	G. Nowak (Poland)
E.A.R. Oiler (USA)	A. Pineau (France)
L.A. Poirier (USA)	P. Schramel (Germany)
S.K. Shukla (Italy)	M. Simonoff (France)
F.W. Sunderman, Jr. (USA)	K.T. Suzuki (Japan)
F. Tchernitchin (Chile)	Th. Théophanides (Greece)
C. Thompson (USA)	D. Templeton (Canada)
G. Vernet (France)	M.P. Waalkes (USA)
B.S. Zheng (China)	

Organizing Committee:

Dr. Herman Gibb, Co-Chairman,
U.S. Environmental Protection Agency; Email: gibb.herman@epamail.epa.gov
Dr. Michalann Harthill, Co-Chairman
U.S. Geological Survey; Email: michalann_harthill@usgs.gov

Local Organizing Committee:

Dr. Jaime Matta, Co-Chairman
Ponce School of Medicine, Puerto Rico; Email: 103650.1713@compuserv.com
Dr. Jorge I. Vélez Arocho, Co-Chairman
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UNDER THE AUSPICES OF:

Federation of European Societies on Trace Elements and Minerals (FESTEM)
Center for Hemispherical Cooperation on Science and Engineering, UPRM
Ponce School of Medicine, Puerto Rico (PSM-PR)
Societe pour le Developpment des Recherches sur le Magnesium (SPDRM)
International Association of Geochemistry and Coscochemistry (IAGC)

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Language: *English*

Registration Fees*:

\$400 full participants
\$250 one day participants (coffee-breaks included)
\$285 students and retired scientists (welcome reception, coffee breaks included)
\$185 accompanying person (welcome reception, coffee-breaks and symposium banquet dinner included)

*Registration fees include access to lecture hall, Book of Abstracts, Book of Proceedings, welcome reception, symposium banquet dinner, and coffee-breaks.

Proceedings: The symposium proceedings will be published by John Libbey Eurotext Publishers (Gilles Cahn, Editor-in-Chief) and indexed in the principal international databases, including Current Contents.

SECOND ANNOUNCEMENT AND CALL FOR PAPERS:

The 2nd Symposium Announcement, with registration card and hotel information, will be published in May-June 1999. In addition, the 2nd Announcement will contain further information about the Call for Abstracts, registration, the scientific program, travel arrangements, accommodations, and social events. Social events include a Welcome Reception Sunday evening and the Symposium Banquet Dinner for all registrants and their accompanying guests; scheduled tours will be available at cost to historic attractions in Old San Juan, the National Rain Forest "El Yunque", the Ponce Museum of Arts, and many other sites.

Please contact the Symposium Service Office before May 1999 for subsequent mailing.

6th International Symposium on Metal Ions in Biology and Medicine
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