

Some distinguished scientists in the field of Metallomics who have already accepted the invitation to give a plenary or keynote lecture: Please contact any of these people or see their websites and you will quickly note the excellence we are bringing to the 2009 International Symposium on Metallomics through this exceptional group of scientists.

J. Sabine Becker, Research Centre Jülich, Germany, "New Avenues in Brain Research by Metallomics and Imaging Mass Spectrometry"

Email: s.becker@fz-juelich.de

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Mike Adams, University of Georgia, "The Metalloproteomes of Microorganisms are Largely Uncharacterized"

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Web: <http://adams.bmb.uga.edu/>



Alvaro Puga, University of Cincinnati, "Reprogramming Epigenetic Marks by Chromium"

Email: alvaro.puga@uc.edu

Web: <http://cellbiology.uc.edu/people/profile.php?type=f&id=597>



Kasia Wrobel, University of Guanajuato, "ICP-MS as a complementary analytical tool in studies of epigenetic phenomena"

Email: katarzyk@yahoo.com

Web: <http://usic13.ugto.mx/iic/programas.html>



Yasumitsu Ogra, *Chiba University, Japan*, “Metabolism of selenium and tellurium in animals and plants (tentative)”

Email: ogra@p.chiba-u.ac.jp

Web: <http://www.p.chiba-u.ac.jp/lab/eisei/index.html>



Norbert Jakubowski, *ISAS – Institute for analytical Sciences*, “Detection of metalloproteins and their post-translational modifications by use of ICP-MS”

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Web: <http://www.isas.de/english/menu-top/research/research-departments/proteomics/staff/jakubowski/>



Steven J. Ray, *Laboratory for Spectrochemistry, Department of Chemistry, Indiana University*, “Use of a Dual-Source Inductively-Coupled Plasma/Electrospray Ionization Mass Spectrometer for Metallomics Analysis”

Email: sjray@indiana.edu

Web: <http://www.indiana.edu/~gmhlab>



Scott D. Tanner, *University of Toronto, Canada*, “Mass Cytometry: Multiparameter Bioassay with Metal Tags and ICP-MS detection”

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Web: <http://www.stemspec.ca>



Joanna Szpunar, *National Research Council of France (CNRS), France*
“Selenium proteomics and metabolomics”

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Ryszard Lobinski, *National Research Council of France (CNRS), France*
“Current analytical strategies to metallomics”

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Naoki Furuta, *Chuo University*, **“Distribution and metabolism of selenium in mice injected with ⁸²Se enriched selenite”**

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Alfredo Sanz-Medel, *University of Oviedo*, **“Unveiling differential uptakes and transport of metals by proteins using Isotope Dilution and Isotope Pattern Deconvolution and ICP-MS”**

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Web: <http://www12.uniovi.es/investigacion/spectro/>



Jörg Bettmer, *University of Oviedo, Spain*, “**Complementary Mass Spectrometry for the Characterisation of Protein-Mercury Species Interactions**”

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Andreas Prange, *GKSS Research Centre Geesthacht, Germany*.
“**Marine environmental analysis using speciation analysis and proteomic techniques**”

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Wolfgang Maret, *Division of Human Nutrition, Department of Preventive Medicine and Community Health, The University of Texas Medical Branch, Galveston, TX*, “**Metalloproteomics and the Annotation of Human Metalloproteomes**”

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Jeff Zaleski, *Department of Chemistry, Indiana University*, “**Measurement of Small Molecule and Protein Binding Constants to DNA Using Fluorescence**”

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Claude Meares, *Department of Chemistry, University of California, Davis*,
“The Chemistry of Targeting”

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J. L. Gomez-Ariza, M. Gonzalez-Fernandez, T. Garcia-Barrera, J. Jurado, J. Lopez-Barea, C. Pueyo, *University of Huelva, Spain*, “Metalloproteins in the mouse *Mus musculus* by multidimensional chromatography-ICP-MS assisted by 2D electrophoresis”

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Bibudhendra “Amu” Sarkar, *The Hospital for Sick Children, Toronto*,
“Metalloproteomics of Copper Transport and Copper-Related Diseases”

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Meike Hamester, *ThermoFisher, Bremen, Germany*, “High resolution mass spectrometry – highest accuracy for the characterization of metalloproteins”

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Hiroki Haraguchi, *Nagoya University, Nagoya Japan*, "**Professor Kazuo Suzuki Memorial Lecture – K. Suzuki, Leader in Metallomics, A Man Ahead of His Time**"

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Himadri Pakrasi, *Washington University, St. Louis, MO*, "**Metallomic Studies of Photosynthetic Microbes**"

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David E. Salt, *Purdue University, Department of Horticulture and Landscape Architecture, West Lafayette, Indiana, USA*, "**Genetic Dissection of the Ionome**"

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Rudi Grimm, *Agilent Technologies, Santa Clara, CA, USA*, "**Metallomics - Quo Vadis , or where it should go?**"

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