ESF Research Conferences
A Programme of the European Science Foundation

ESF-COST High-Level Research Conference
Inorganic Chemistry
Metal-Nucleic Acid Interactions
Latsis Headquarters Pallas Athina • Athens • Greece • 12-17 November 2006
Chair: Jan Reedijk • Leiden University, NL

With support from

Invited Speakers will include
J. Barton Caltech, Passadena, US • V. Brabec Czech Academy of Sciences, CZ
V. de Rose University of Oregon, US • S. Elmroth University of Lund, SE
M. Hannon University of Birmingham, UK • B. Lippert University of Dortmund, DE
Y. Lu University of Urbana, US • F. Mancin University of Padova, IT • G. Natile University of Bari, IT
B. Nordén Chalmers University of Technology, Göteborg, SE
P.J. Sadler University of Edinburgh, School of Chemistry, UK • M. Shionoya University of Tokyo, JP
E. Sletten University of Bergen, NO • R. Sigel University of Zürich, CH
J. Subirana School of Industrial Engineering of Barcelona, ES • C. Turro Ohio State University, US

Scope
The Conference will deal with several aspects of the interaction of Metal ions and Nucleic acids and their relevance for the treatment and diagnosis of diseases. The Inorganic Chemistry approach (i.e. the metal) will be a key central issue in all sub-topics; the half day-subtopics will include issues like:
• New drugs that bind at and distort DNA • Methods to study M-DNA interactions • Cell division controlled by metal ions • Labeling of nucleic acids with metals • Artificial, nanostructured materials built from DNA fragments and metals • DNA and cation binding: can it act as a wire?
The conference will contain main lectures (45 minutes), short lectures (30 minutes) and selected short talks from submitted abstracts (15 minutes), in addition to posters (which will all be up during the complete meeting). Poster abstracts submitted will be allowing a one-minute-one-slide flash presentation at the opening day of the meeting.

Application Form & Programme: available from www.esf.org/conferences/pc06018

Deadline for Applications: 24 July 2006