

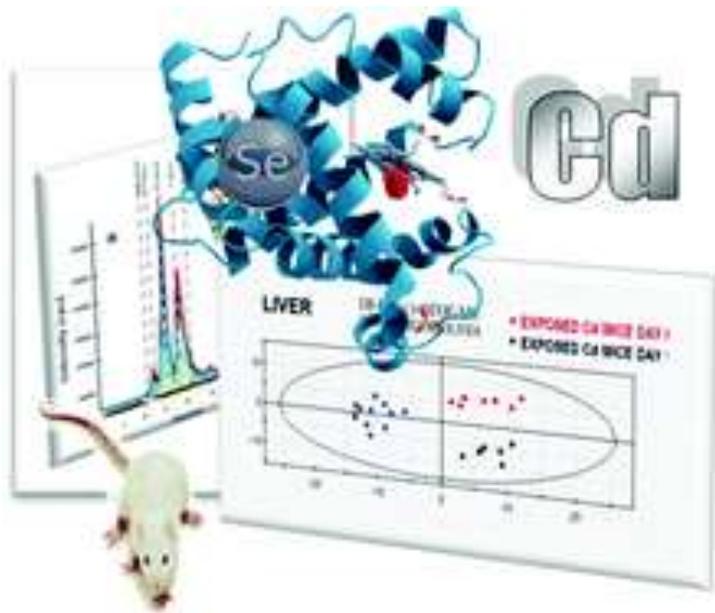
Laboratory of Metallomics and Nanotechnologies

invites you to seminar:

Metallomics - What is it? – part II

Vojtěch Adam and René Kizek

There is still a lot of unknown related to our sensitiveness to civilization and other kind of illnesses including tumour ones often connected with environmental changes. Moreover, there is still an enormous field for cutting-edge research necessary to establish a role metals and metal-containing compounds are playing in the whole metabolic concert resulting in our feeling of fitness or illness or, telling in another words, to normal or pathological functioning of our body cells. Studying metallome as the whole picture composed from metals, peptides, proteins and cell parts belongs to the most challenging issues of present biomedicine. If we connect it with such challenges like new delivery systems for increasing



absorption of components effectiveness or looking for the most effective treatment strategy we receive the complex picture of state of art research challenges to solve the infrastructure is offering its premises for. Extend of variables included in such research is an imperative for

multidisciplinarity, transdisciplinarity and interdisciplinarity of collaboration as basic conditions for progress and development. There is a

unique possibility to put together chemists, biologists, medical and veterinary doctors but also technicians and other specialists from European Research Area and all over the world and let them to bring about a revolution in prevention or treatment of diseases or new diagnostic tools.



15. 05. 2015, od 14:30 h

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