6th conference - Looking for metals ultra traces in living systems

For the sixth conference of this cycle, Ryszard Lobinski - recipient of the CNRS silver medal, research director at the CNRS and director of the IPREM (CNRS/UPPA) - will talk about the characterisation of metals ultratrapces in the environment, which is an emerging field of research where chemistry and microbiology cross paths.

Pioneer in the development of metallomics, i.e. analytical methods that allow the identification and determination of chemical forms in the environment and in biological systems - research for which he received the CNRS silver medal - Ryszard Lobinski is well renowned in his field.

Metals present in a cellular environment, in ultra-trace state, perform a number of vital functions. Detection, speciation and distribution in the environment or biological system of these metals is thus a must do.

The conference will show how recent advances in analytical techniques, and in particular mass spectrometry, make it possible to obtain this characterisation and to study the interactions of metals with ecosystems, opening up new perspectives in microbiology systems.

The date is set on April 11th.

Conference given in ENGLISH.

You could not attend but still are interested in what was said ? Here is a video of the conference.