

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 ultratraces in the environnement**, 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.*