



Department of
Analytical Chemistry
Faculty of Science
Palacký University
Olomouc

ICP-MS a versatile tool for trace metal analysis in clinical and biological samples



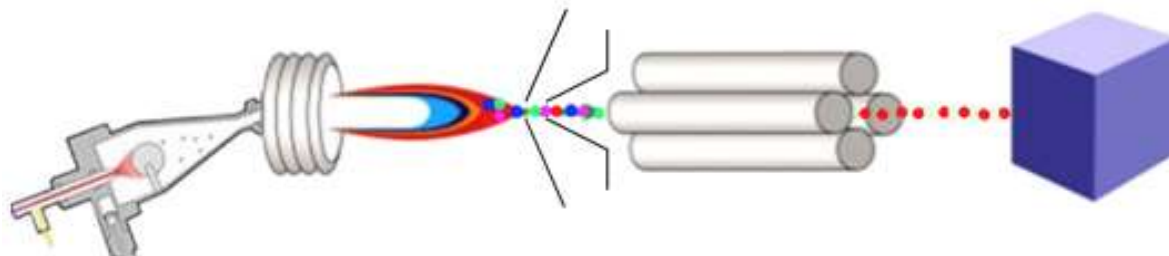
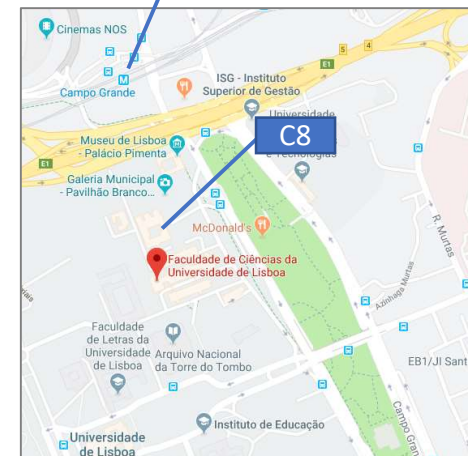
[Prof. David Milde](#)

Wednesday, 12 June 2019 (15:00 – 16:00)

Faculdade de Ciências da Universidade de Lisboa (Room 8.2.39)

Trace metal analysis in biological and clinical samples has been of great interest for many years. The lecture will shortly address the reasons for that and compare possible analytical instrumentation that can be applied. Main part of the talk will be focused on selected applications dealing with methods development for ICP-MS. Not only methods for total concentration determinations but also speciation analysis of Cr in clinical samples such as blood and joint effusion will be mentioned. Approaches to sample preparation and ways how to deal with tricky elements and quality assurance of results will be presented as well.

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