

Project Goal

Overview on the evolution of doping substances and methods over the last 50 years, and on the parallel development of effective analytical methods – mostly based on chromatographic-spectrometric techniques – to be applied to detect their abuse.

"Sapienza" University of Rome Department of Experimental Medicine

The Challenges

To ensure the prompt identification of novel doping substances and methods, constantly developed to be virtually undetectable by the currently applied anti-doping methods.

Solution/ Outcomes

- MS/MS methods for the metabolic profiling of new drugs.
- Multi-targeted LC-MS/MS methods for the analysis of the above in human biological fluids.

Why do you attend IMSC 2018? What is the value for you?

Key forum for analytical applications of mass spectrometry.

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