

Faculté de pharmacie

Conférence de prestige de l'axe «Formulation et analyse du médicament»



«New Strategies in Pharmaceutical Analysis»

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École des sciences pharmaceutiques
Université de Genève, Suisse

Mardi, 6 octobre 2015

11h00 – salle M-415

Pavillon Roger-Gaudry

À l'invitation du professeur Jeanne Leblond-Chain

Some significant progresses were also made in MS during the last decade, to achieve very high sensitivity thanks to user-friendly, robust and fast instruments. The new generation of low resolution (quadrupole-based instruments or ion trap) and high resolution instruments (TOF/MS, QqTOF/MS or orbitrap) can be coupled with RPLC, HILIC and SFC, to further improve sensitivity. Advantages and limitations of these separation techniques will be discussed for the analysis of several pharmaceutical compounds. In addition, MS detection sensitivity will be compared between these three chromatographic modes.