
PACSI A new analytical service of PCBIS

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Résumé

PACSI (La Plateforme d'analyse chimique de Strasbourg Illkirch), a new analytical service of PCBIS (UAR 3286), joined the platform in 2024. The facility houses five instruments across three key analytical techniques: 400 MHz and 500 MHz NMR spectrometers, high-resolution LC-MS/MS, MALDI-TOF mass spectrometry, and FTIR spectroscopy.

Drawing on established expertise in NMR and mass spectrometry, PACSI provides comprehensive services for natural and synthetic organic molecules, including structural elucidation, spectral interpretation, accurate mass measurement, and molecular formula determination.

These services are open to all users, including undergraduate and graduate students, PhD candidates, postdoctoral researchers, and researchers from both public and private laboratories, regardless of their location on or off the Illkirch campus.

Self-service access to instruments is available following mandatory training, provided jointly by PACSI staff and the PCBIS prevention officer. Customized consulting and method development services are also available upon request.

Mots-Clés: NMR spectrometers, LC, MS/MS, MALDI, TOF mass spectrometry, FTIR spectroscopy, structural elucidation, spectral interpretation, accurate mass measurement, and molecular formula determination

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