

European Network of Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Centers



EU FT-ICR MS proposal aims to establish a European network of FT-ICR (Fourier Transform Ion Cyclotron Resonance) mass spectrometry (MS) centers in association with a manufacturer and a SME software company. Mass spectrometry (MS) has become the most ubiquitous analytical techniques in use today, providing more information on the composition and the structure of a substance from a smaller amount of sample than any other techniques. This EU project promotes the use and development of high end FT-ICR MS through TransNational Access (TNA), dedicated training and education, open data & e-infrastructure program as well as joint research activities and networking.

1

Provide the EU academic, SME and industrial communities' with free access to world-class FT-ICR MS centers.

2

Develop open source software and implement open access to data to the EU FT-ICR MS network results .

3

Build an EU community of end-users and FT-ICR MS scientists.

4

Strengthen the FT-ICR MS application fields by promoting innovative and cooperative research between European FT-ICR MS academic scientists and private companies (instrumentation and software).

To get free access to the newest and most FT-ICR advanced tools:

<http://www.eu-fticr-ms.eu/>





Transnational access



Education & training



Joint research activities

Organic chemistry

IR Spectroscopy of ions in the gas phase

Imaging

BioOrganic & bioinorganic

Medicine

Nanoparticles

Physical chemistry

Lipidomics

Petroleum & bio-oil

Environment

Glycomics

Structural biology

Cultural heritage

Proteomics



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<http://eu-fticr-ms.eu>



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