



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



GIDRM
Gruppo Italiano Discussione Risonanze Magnetiche

Dipartimento di Scienze Chimiche e Geologiche – Dipartimento di Scienze della Vita

NMR and metabolic profile of human, animal, vegetable tissues and cells

Modena, 25 giugno 2014

10:00 Registration

10:30 Opening

10:40 Prof. S. Cerdan, Instituto de Investigaciones Biomedicas "Alberto Sols", Madrid

The ^1H and ^{13}C HRMAS basis of functional MR imaging during cerebral appetite regulation.

11:20 Prof. A. Piccolo, CERMANU, Università di Napoli Federico II

NMR Metabolomics for the certification of terroir for wine and vine

12:00 Dr. N. Culeddu, Istituto di Chimica Biomolecolare del CNR di Sassari

HR-MAS based metabolomic fingerprinting of early and recurrent hepatocellular carcinoma

12:30 Dr.ssa V. Righi, Dip. di Scienze per la Qualità della Vita, Università di Bologna

NMR in cells and eating disorders

13.00 -14.20 Buffet lunch

14.20 Dr.ssa S. Mari, R4R Consulting

Metabolomics of Intact Tissues: Discrimination Between Different Regions of Osteolytic Lesions in a Multiple Myeloma Patient using ^1H HRMAS NMR spectra

15:10 Dr.ssa F. Benevelli, Bruker Italia
NMR application in clinical and food analysis

15.40 Dr. M. Cremonini, Agilent Technologies Italy
Quantification of NMR data of beverages by time-domain analysis

16.10 Panel Discussion

Aim

To show how **high-resolution NMR** can detect the biochemical profile of liquid or semi-solid samples to monitor the health state and the biochemical alterations of human, animal or vegetable tissues and cells.

Where

Via G. Campi, 183 – Modena
Aula PT1, ground floor

Registration

The registration fee, also covering the costs of a buffet lunch, is of **40 euros** for non-GIDRM applicants and of **30 euros** for GIDRM applicants. The 40 euros fee includes the annual subscription to GIDRM. The deadline for registration is **June the 10th 2014**. For registration visit the GIDRM website www.gidrm.org. For information contact modena@gidrm.org.



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