



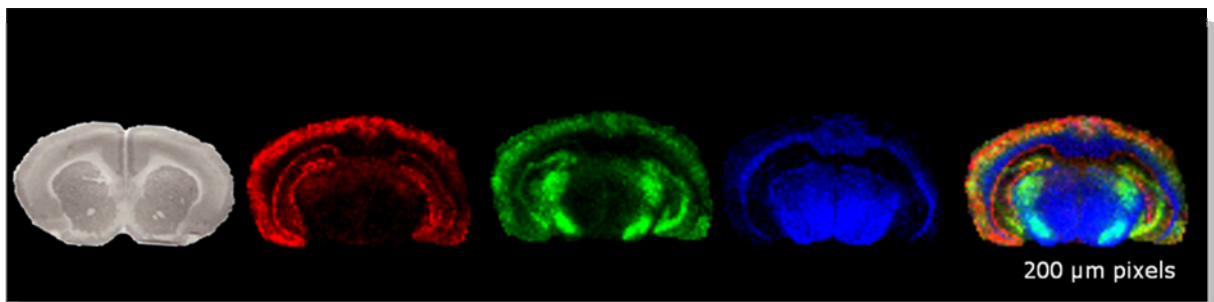
## Workshops on "Maldi.MS-Imaging for Tissues & Biomedical Proteomics"

*29 November 2011, Hospital de Sant Pau - Barcelona, Casa de Convalescència  
(Centre de Convencions, c/ SanQuintin-St.Antoni M<sup>a</sup> Claret)*

**Sponsored by Societat Catalana de Biologia (SCB) and Bruker Española,  
with the support of XRB & ProteoRed**

**Organizers:** Francesc Xavier Avilés (UAB)  
Mario Cáceres (ICREA & UAB)  
Francesc Marquez (Bruker Española)

Free admission, but previous registration requested before November 28th 2011 at the SCB web  
(<http://scb.iec.cat/jornades/genprot2011.asp>)



**UAB**  
Universitat Autònoma  
de Barcelona



XRB



ProteoRed

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9.10 Opening of the Workshop "New Trends and Perspectives in Maldi.MS-Imaging for Tissues". Bruker Española, Societat Catalana de Biologia & ProteoRed.

## Session I

9.15-9.50 Perspectives and applications of MALDI-MS for the Imaging of Tissues (*prov.* **Michael Becker**. Center for Applications of Bruker Daltonik, Bremen (Germany).

9.50-10.30 MALDI molecular imaging for clinic proteomics and cancer (*prov.* **Sandra Rauser**. Institute of Pathology, Helmholtz Zentrum München, Neuherberg (Germany).

## 10.30-11.00 Coffee Break

## Session II

11.00-11.40 MALDI imaging techniques dedicated to drug-distribution studies (*prov.* **Jonathan Stauber**. ImaBiotech & Univ. Lille-Nord de France, Villeneuve d'Ascq (France).

11.40-12.05 Use of isotopic markers for Tissue Imaging approaches. **Jose L. Capelo & Hugo Santos**. Universidad de Vigo en Ourense, Fac. de Ciências, Ourense.

12.05-12.30 Protease inhibitors and gliadins as model biomarkers for MALDI-MS Tissue Imaging. **Silvia Bronsoms & F.X. Aviles et al.**. Institut de Biotecnologia i Biomedicina & Dept. Bioquímica i Biol Mol, UAB-Universitat Autònoma de Barcelona, Bellaterra.

12.30-12.55 Nanostructure-initiator Mass Spectrometry (NIMS) for tissue imaging in metabolomics. **Oscar Yanes**. URV-Universitat Rovira i Virgili, Tarragona.

## 13.10-14.40 Lunch

14.40 Opening of the Workshop "Biomedical Proteomics". Bruker Española, Societat Catalana de Biologia, XRB & ProteoRed.

## Session III

14.45-15.10 Proteomics of human coronary atherosclerosis. **Fernando Vivanco**. Dept. Immunology, IIS-Fundación Jimenez Diaz, Madrid.

15.10-15.35 Pursuing new urine -proteomic and transcriptomic- strategies for prostate cancer diagnosis. **Marina Rigau et al.** Biomedical Research Unit, Vall d'Hebron Research Institute and University Hospital, Barcelona.

15.35-16.00 Phosphoproteomics of human primary T-lymphocytes. **Montserrat Carrascal**. CSIC/UAB Proteomics Laboratory, Instituto de Investigaciones Biomédicas de Barcelona (IIBB).

16.00-16.25 Challenges in the implementation of a Clinical Proteomics Platform for Biomarker Discovery. **Eliandre de Oliveira**. Parc Científic de Barcelona-UB, Barcelona.

## 16.25-16.55 Coffee Break

## Session IV

16.55-17.20 Biotyper for clinical microbiological analyses. **Francesc Marquez**. Bruker Española, Applications Dept.

17.20-17.45 Human sperm tail proteomics, **Alexandra Amaral et al.** Human Genetics Research Group, Faculty of Medicine, Universitat de Barcelona and Hospital Clínic, IDIBAPS, Barcelona.

17.45-18.10 Large-scale molecular studies on the human postsynaptic proteome reveals its role in human disease. **Alex Bayes**. Institut de Recerca, Hospital de Sant Pau, Barcelona & Sanger Institute, Hinxton-Cambridge (UK)

## 18.15 End of the meeting