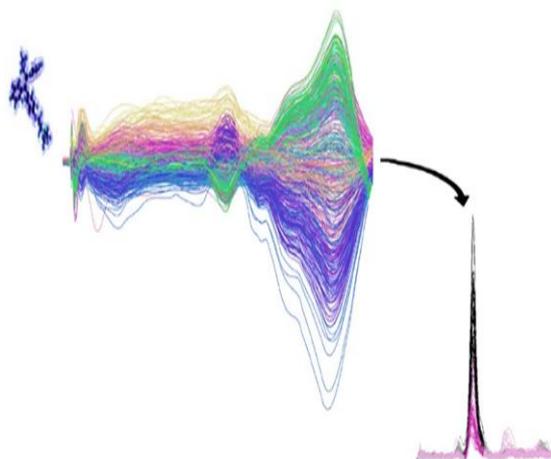


# Ciencias ómicas, innovación y empresa

## Jornada de innovación empresarial

Martes, 22 de enero de 2013  
Centro Tecnológico de Nutrición y Salud (CTNS) - Reus



En la jornada se abordarán las posibilidades que ofrecen las ciencias ómicas en los desarrollos de nuevos productos biotecnológicos, biomédicos y agroalimentarios.

Con la participación de expertos internacionales del Nestlé Institute of Health Sciences, del Centre for Omic Sciences, del Centro de Regulación Genómica, de la Universidad Rovira i Virgili y de la empresa qGenomics.

Dirigida a personal técnico, de I+D y directivo de empresas agroalimentarias, biotecnológicas y biomédicas.

Organizan



Con el apoyo de



## Programa

09.40	Recepción de participantes, entrega de documentación	
09.50	Bienvenida	Lluís Arola CTNS-Technology Centre of Nutrition and Health AINS-Innovative Business Association of Nut&Health COS – Centre for Omic Sciences
10.00	<i>“Nutritional metabonomics paves the way of future personalized nutrition”</i>	François-Pierre Martin Nestlé Institute of Health Sciences
11.00	<i>Coffee break</i>	
11.30	<i>Metabolomics as a Unique Biochemical Approach to Understand Disease Pathogenesis</i>	Òscar Yanes COS – Centre for Omic Sciences
12.10	<i>Genomic sequencing and human disease: a stepwise dissection of human biology and disease</i>	Xavier Estivill CRG - Centre for Genomic Regulation
12.50	<i>La apuesta de Agilent por el COS</i>	José M <sup>a</sup> Molina Agilent Technologies
13.10	Visita a las instalaciones del COS-Centre for Omic Sciences	
14.00	<i>Lunch</i>	
15.00	<i>Recent advances in proteomics for biomedical and clinical research</i>	Eduard Sabidó CRG - Centre for Genomic Regulation
15.40	<i>Complex biological networks: Making sense of high-throughput data</i>	Roger Guimerà URV-University Rovira i Virgili
16.20	caso de éxito empresarial	Lluís Armengol qGenomics
17.00	Clausura de la Jornada	Lluís Arola CTNS-AINS-COS

## Inscripción

La inscripción debe realizarse a través del enlace [http://www.ctns.cat/CTNS\\_formacio](http://www.ctns.cat/CTNS_formacio)  
Para cualquier duda, se puede contactar con Joan Fortuny, [info@ctns.cat](mailto:info@ctns.cat), 977 300 431

## Cómo llegar

CTNS – Centro Tecnológico de Nutrición y Salud  
Avda Universitat, 1 - Reus

**Coordenadas GPS: 41.146167, 1.120499.**

[Cómo llegar](#)

[Google Maps](#)

## Short bios

### **Francois-Pierre Martin, Ph.D.**

### **Nestlé Institute of Health Sciences**

Dr. Francois-Pierre Martin, received his Ph.D. in biochemistry and metabonomics from the Imperial College London, UK in 2006, and is a graduate from the engineering school of Luminy (Polytech-Marseille), France, in biotechnology and microbiology in 2003. From 2006 to 2012, François-Pierre had contributed to the extension of the fields of metabonomics application to nutrition and gut microbiota research for health and disease management at Nestlé Research Center, Switzerland. As of July 2012, Dr. Martin joined the Nestlé Institute of Health Sciences, Switzerland to further develop systems biology approaches in the frame of disease and nutrition research. This research helps in identifying new targets for nutraceutical and/or therapeutical applications. Dr. Martin is an author of multiple research papers published in peer-reviewed journals and books.

### **Oscar Yanes, Ph.D.**

### **COS – Centre for Omic Sciences**

Oscar Yanes is co-ordinator of the Metabolomic Platform of the Spanish Biomedical Research Centre in Diabetes and Associated Metabolic Disorders (CIBERDEM) and Assistant Professor at Rovira i Virgili University (Tarragona, Spain) since January 2011.

Oscar Yanes received his bachelor's degree in biochemistry and a doctorate in biochemistry from Universitat Autònoma de Barcelona. In 2007 he joined The Scripps Center for Metabolomics and Mass Spectrometry (La Jolla, California) headed by Dr. Gary Siuzdak. Oscar Yanes has extensive experience in mass spectrometry-based metabolomics and significant publications to his name in high-impact factor journals including Nature, Nature Chemical Biology, Journal of Clinical Investigation and Analytical Chemistry.

### **Xavier Estivill, Ph.D.**

### **Centre for Genomic Regulation (CRG)**

Xavier Estivill studied Medicine and Surgery, specialised in Haematology, and obtained the doctorate in Medicine (MD) by the Autonomous University of Barcelona. He gained the doctorate in Philosophy (PhD) by the University of London for studies on the molecular genetics of cystic fibrosis. He directed the Genetics Service of the Clinic Hospital and the Cancer Genetics Institute. Since 2001 he is Senior Investigator at the Centre for Genomic Regulation (CRG), Investigator of the Public Health and Epidemiology Network Biomedical Research Center (CIBERESP), and Associate Professor of the Pompeu Fabra University. Achievements of his group are the identification of the molecular basis of several monogenic disorders, and the identification of genes involved in Down syndrome. He has published over 500 research papers and his group has received several awards on research achievements. Current work of his group is focused on the analysis of human genetic diseases, with special interest in the role of structural variants, epigenetic changes and non-coding RNAs. His group is applying next generation sequencing technologies to reveal the genetic basis of complex and rare diseases. He coordinates the EU action to analyse the genetic variability of disease (GEUVADIS). Recent achievements of his group have been on the identification of genetic variants associated with psoriasis and several psychiatric diseases, and the description of toxicity of small RNAs in Huntington's disease and other expansion-repeat disorders.

**Eduard Sabidó, PhD**

**Centre for Genomic Regulation (CRG)**

Eduard Sabidó is a mass spectrometry specialist with a broad experience in the fields of activity-based proteomics and targeted proteomics (SRM). He holds a BS degree in Biochemistry, Biology and Computer Science, and a PhD in Biology from Universitat de Barcelona. He did his postdoctoral stage at the Swiss Federal Institute of Technology (ETH Zürich), and he did long- and short-term visits at the University of California in Davis and the Scripps Research Institute in San Diego. Since the beginning of 2012, Eduard Sabidó, PhD, leads the Proteomics Unit at the PRBB.

**Roger Guimerà, PhD**

**URV-University Rovira i Virgili**

Roger Guimerà is an ICREA Research Professor at the Department of Chemical Engineering of Universitat Rovira i Virgili. His research is devoted to the study of complex systems and complex networks, and his contributions to these areas have won him the Premi Nacional de Recerca al Talent Jove in 2010, and the Erdos-Renyi Prize in Network Science in 2012.

**Lluís Armengol, PhD**

**qGenomics**