

*Brought to you by the Early-career Members Network of the Metabolomics Society*

**Session 1:** Expert Speaker, 20 min presentation followed by 10 min Q/A  
29 January 2015 at 12:30 GMT (13:30 CET, 07:30 EST, 21:30 JST)

**Link to Register:** <https://attendee.gotowebinar.com/register/2409752719256762369>

## Dr. Oscar Yanes

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### **Metabolomics: only suitable for multidisciplinary teams**

Metabolomics is defined as the comprehensive and quantitative analysis of metabolites in living organisms. Among the omic sciences, metabolomics is possibly the most multidisciplinary of all, involving knowledge about electronic engineering and signal processing, analytical and organic chemistry, biostatistics and statistical physics, and biochemistry and cell metabolism. Here an untargeted metabolomics workflow will be detailed that provides examples of this multidisciplinaryity.

### **Speaker Details**

Oscar Yanes received his bachelor's degree in biochemistry and a doctorate in biochemistry from Autonomous University of Barcelona. In 2007 he joined The Scripps Center for Metabolomics and Mass Spectrometry (La Jolla, California) headed by Dr. Gary Siuzdak. Since January 2011 he is the scientific co-ordinator of the Metabolomics Platform of the Spanish Biomedical Research Centre in Diabetes and Associated Metabolic Disorders and Assistant Professor at Rovira i Virgili University (Tarragona, Spain), where he also leads the Yanes Lab group ([www.yaneslab.com](http://www.yaneslab.com)).

Oscar Yanes has long experience in developing new technologies, methods and applications in mass spectrometry-based metabolomics. Recently he is also implementing NMR metabolomic approaches to study fundamental biological processes in combination with other omic platforms. He has significant publications to his name in high-impact factor journals including Nature, Nature Chemical Biology and Journal of Clinical Investigation, with more than 1,000 citations to date.

Please note that the first webinar is **free** courtesy of the Metabolomics Society and will be uploaded to the society's website. All subsequent sessions from our series will be available to members of the Metabolomics Society with the opportunity to revisit live recorded sessions at your own convenience. Please feel free to contact us with any questions or suggestions via

[info.emn@metabolomicssociety.org](mailto:info.emn@metabolomicssociety.org)