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Consejo Superior de Investigaciones Científicas, Barcelona, Spain
Institut d'Estudis Catalans, Barcelona, Spain



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6th ANNUAL

LC/MS/MS WORKSHOP ON ENVIRONMENTAL APPLICATIONS AND FOOD SAFETY

Focus on Emerging substances

25-26 February 2010, Barcelona, Spain

Announcement and Call for Papers

<http://www.cid.csic.es/barcelona2010/home.htm>

**Deadline for registration and abstract submission:
January 15th, 2010**

ORGANIZATION AND INFORMATION

Scientific Committee

Damià Barceló, IDAEA-CSIC, Barcelona; and ICRA, Girona; Spain (chair)
Mira Petrovic, IDAEA-CSIC, Barcelona, Spain (scientific secretary)
Sandra Rontree, Waters Corporation, Manchester, UK
Mehran Alaee, National Water Research Institute, Burlington, Canada
Eric Reiner, Ontario Ministry of the Environment, Toronto, Canada
Diana Aga, University at Buffalo, Buffalo, NY, USA

Conference Secretariat

Dr. Mira Petrovic
Department of Environmental Chemistry, IDAEA-CSIC
c/ Jordi Girona 18-26, 08034 Barcelona, Spain.
e-mail: mpeqam@cid.csic.es

Call for Papers

Abstracts for oral (4 A4 pages) and poster presentations (1 page) should be submitted to the Secretariat before **January 15th, 2010**. Abstracts of all contributing lectures will be collected in the book of abstracts which will be issued to all participants upon registration.

Full papers

Full papers (original contributions and reviews) will be published, after the regular peer-review, in a special issue of:

Analytical and Bioanalytical Chemistry (Springer)

To submit your paper go to: <http://mc.manuscriptcentral.com/abc>

When preparing your manuscript please follow the journal's Guide for Authors, which you can find on the online submission site
<http://www.springer.com/chemistry/analytical/journal/216>

Deadline for submission of full papers: February 28th, 2010

Publication: October 2010

GENERAL INFORMATION

Objectives and topics

Following the success of previous 5 International workshops on **Liquid chromatography-tandem mass spectrometry for screening and trace level quantitation in environmental and food samples** (Barcelona June 2005, Barcelona September 2006, Guelph, Ontario April 2007, Barcelona February 2008, Toronto, April 2009) we are presenting here the 6th International workshop.

The **main objective** of the workshop are to evaluate practical aspects of the usefulness of tandem mass spectrometric techniques for screening and quantitation of organic contaminants in the environmental and food samples.

The following **practical aspects** and state of the art applications will be discussed:

Advantages, comparison and complementarities of advanced tandem and hybrid MS instruments, such as QqLIT, QqTOF, Orbitrap in the quantitative and qualitative determination of complex environmental and food samples.

Advanced sample preparation technologies for food and environmental analysis like the use of molecularly imprinted polymers and other selective SPE cartridges including on-line pre-column technology coupled to LC/tandem MS.

Large number of applications in environmental analysis, basically water and soil/sediment, and food, like fruits and vegetables, juices and meat.

Broad range of contaminants and their degradates.

Registration fee

Authors/Participants – **350 €**

Authors/Participants (Members of SEEM) – **250 €**

Ph.D. student (a letter from the supervisor is required) – **150 €**

Fee will cover attendance to the Workshop, the book of abstract, 4 coffee breaks, two lunches and the Workshop dinner.

Payment in Euros (€), should be made in advance by either:

1. Bank transfer:

Account number: 2100-0655-780200202561

Bank: LA CAIXA

Bank Address: Trias i Giro, 11 – 08034 Barcelona, Spain

Account holder: ADECIT

With the note: Barcelona 2008 Workshop and the name(s) of the participant(s)

2. Cheque

A certified check payable to ADECYT, should be send to the Secretariat
Please bear in mind that personal cheques cannot be accepted.

Deadline: January 15th, 2010.

PRELIMINARY PROGRAMME

The Workshop will be structured in two main sessions covering environmental and food analysis. This workshop is intended to be an informal venue that encourages an exchange of the latest information and ideas on challenges and advances in LC/MS/MS applications among scientists from academia, governmental agencies and industry.

Key note lectures

Environmental analysis

Screening of pharmaceuticals and illicit drugs in urban wastewater by LC-QTOF MS

Félix Javier Hernández, University Jaume I, Castellón, Spain

Enhancing endocrine disrupting compound analysis in environmental water using Acquity UPLC-XevoTQ system and new software tools

Sandra Rontre, Waters Corporation

Development and Evaluation of Molecularly Imprinted Xerogels for Sample Preparation Prior to LC/MS/MS Analysis of Tetracyclines

Diana S. Aga, Chemistry Department, University at Buffalo, Buffalo, NY, USA

Application of advanced LC-MS methods for monitoring of nanoparticles in environmental and wastewaters

Marinella Farrè, IDAEA-CSIC, Barcelona, Spain

The analysis of halogenated organics in environmental samples

Eric Reiner, Ontario Ministry of the Environment, Toronto, Canada

LC-MDS/MS-Analysis, occurrence and fate of Phosphor-diesterase V-Inhibitors (Sildenafil etc.)

Thomas p. Knepper, EFF, Idstein, Germany

Positive-Improving the workflow for pesticide screening

Jean-Marc Joumie, Waters Corporation

Complementary use of LC-QqTOFMS and LC-QqLITMS in metabolism studies

Sandra Perez, IDAEA-CSIC, Barcelona, Spain

PRELIMINARY PROGRAMME

Key note lectures

Food analysis

Towards the nanoscreening era of small molecules in food safety

Michel W.F. Nielen, RIKILT-Institute of Food Safety and Wageningen University, Wageningen, The Netherlands

Accurate mass databases for large scale screening of pesticide residues in food

Amadeo Rodríguez Fernández-Alba, University of Almeria, Almeria, Spain

Mass spectrometry – based metabolomic profiling: a powerful tool in food quality /safety control

Jana Hajslova, Institute of Chemical Technology, Prague, Czech Republic

Analysis of perfluorinated compounds in food by LC-MS/MS

Yolanda Pico, Faculty of Pharmacy, University of Valencia, Spain

Emerging chemical contaminants in food. Analytical challenges of tandem mass spectrometry techniques

Maria Jose Gonzalez, General Organic Chemistry Institute, CSIC, Madrid, Spain

Enhanced mass resolution-tandem mass spectrometry and accurate mass measurements for the analysis of veterinary drug residues in food

Maria Teresa Galceran, University of Barcelona, Spain

Sample preparation for improved food analysis

Anne-Marie Orkild, Waters Corporation

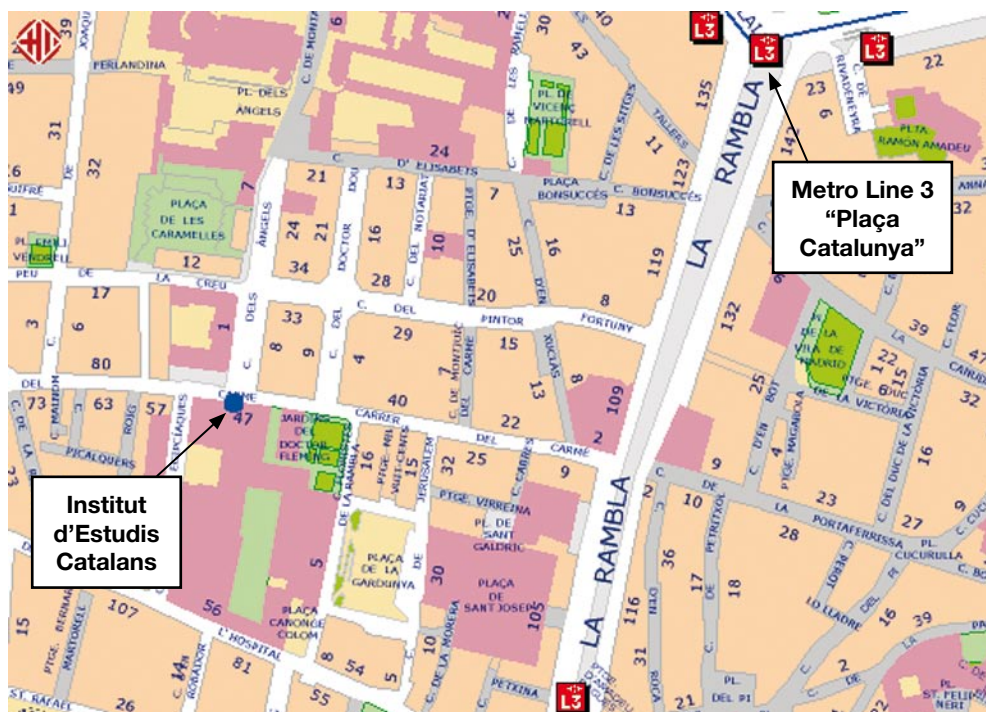
IMPORTANT:

A limited number of key note lectures (30 min) and short oral presentations (20 min) can be accepted. Please send the tentative title as soon as possible. If received late the abstract will be selected for the poster session.

GENERAL INFORMATION

Workshop location

The Workshop will be held at the Institut d'Estudis Catalans.
Address: Carrer del Carme 47, Barcelona (5 min from Plaza Catalunya).



How to find the location (from Barcelona airport):

- by taxi (15-20 min, cca 25 €).
- by train (every 30 min) or by bus (every 15 min) from the airport to Plaza Catalunya.

Local information can be obtained from the following internet sites:

Barcelona tourist information guide: www.seebarcelona.com
Barcelona on-line tourist information: www.barcelona-on-line.es
Map of Barcelona: www.bcn.es/guia/welcomea.htm
Map of the Barcelona metro system: www.tmb.net/eng/home.htm

GENERAL INFORMATION

Accommodation

Bookings should be made directly to the hotel. Workshop's organizing committee will not arrange the accommodation for the participants.

Suggestion for the hotel:

1. RESIDÈNCIA D'INVESTIGADORS - CSIC

C/ Hospital 64, 08001 Barcelona

Phone: (+34) 93 443 86 10; Fax: (+34) 93 442 82 02

e-mail: investigadors@resa.es

Web: www.residencia-investigadors.es

Price, including breakfast and 7.00% VAT is:

Single 67 € (working day), 51 € (weekend); Double 94 € (working day), 71 € (weekend).

Note: Close to "Las Ramblas" and Workshop location

2. HOTEL TURÍN***

Pintor Fortuny, 9, 08001 Barcelona

Phone: (+34) 93 302 48 12; Fax: (+34) 93 302 10 05

Web: <http://www.hotelturin.com/eng/index.html>

Prices (per room and night, 7.00% VAT and breakfast included):

Single room: 81 €; Double: 123 €; Double (individual use): 102 €

Note: Close to "Las Ramblas" and Workshop location.

3. HOTEL HCC TABER***

Aragó, 256, 08007 Barcelona

Phone: (+34) 93 487 38 87; Fax: (+34) 93 488 13 50

Email: reservas@hoteltaber.com

Web: <http://www.hoteltaber.com/>

Official rates (per room and night, 7.00% VAT and breakfast included):

Double room: 125 €; Double room for single use: 105 €

Note: very centric location, 15 min walking distance to the Workshop location.

For more hotels see Workshop web page:

<http://www.cid.csic.es/barcelona2010/home.htm>

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REGISTRATION FORM

To be returned to Dr M. Petrovic before January 15th, 2010

(Fax: + 34 93 204 59 04, E-mail: mpeqam@cid.csic.es)

Name/First Name:

Title:

Company/Institution:

Address:

.....

City: Postal Code:

Country:

Telephone: Fax: E-mail:

I confirm that I will arrange advance payment of:

150 € Ph.D. students

250 € members of SEEM

350 € participants

to: ADECIT - ASSOCIACIÓ PER AL DESENVOLUPAMENT DE LA CIÈNCIA I TECNOLOGIA by:

Bank transfer Cheque

Bank account: 2100-0655-780200202561

Bank: LA CAIXA, Trias i Giro 11, E – 08034 Barcelona, Spain

Date:/...../.....

Signature: