

ITN-ECO. Madrid Winter School. 2012.
**"In vitro and in silico toxicology:
 Biological activity and computational rationalization"**

INIA headquarters, Ctra. De la Coruña Km 7, E-28040 Madrid

MONDAY, 27. FEB.

8:30	Bus Husa Hotel to INIA
9:00	Welcome. Dr. José Navas. ECO group leader at INIA. Andrés Montero. European Project Office Coordinator. CADAster group leaders conference <ul style="list-style-type: none"> • Dr. Willie Peijnenburg: "Introduction to Chemical Risk Assessment of chemicals within REACH". • Dr. Mojca Durjava: "Environmental effects and fate studies in CADAster". • Dr. Paola Gramatica: "Predictive QSAR modeling for the screening and prioritization of environmental organic pollutants: the CADAster chemicals". • Dr. Ullrika Sahlin: "Decision making under uncertainty and the integration of predictive chemometric models". • Dr. Igor Tetko: "QSPR-THESAURUS database: Meeting the REACH requirements on the development of the QSAR models".
9:30 – 13:00	
13:00 – 14:30	Lunch. INIA restaurant
14:30 – 17:00	ASCENION GmbH. Dr. Sigrid Scheek. Training in patents and IPR rights.
17:00	Preparation of the poster session
18:30 – 19:30	Poster session together with CADAster members

TUESDAY, 28. FEB.

9:00	Bus from HUSA hotel to Waste Water Treatment Plant (WWTP) in Collado Villalba
10:00 – 13:00	Visit to WWTP
13:00 – 14:00	Dr. José Navas. "In vitro and in silico toxicology: Biological activity and computational rationalization"
14:00 – 17:00	Lunch. Club de Campo restaurant
17:00	Bus back to INIA (for ECO leaders General Assembly) and to HUSA Hotel
17:15	ECO Leaders General Assembly

WEDNESDAY, 29. FEB.

8:30	Bus Husa Hotel to INIA
9:00	Prof. Nicholls, new ECO group leader, presentation
10:30	Bus to electron microscopy center. "Universidad Complutense de Madrid". Visit to the National Electron Microscopy Center ("Centro Nacional de

Microscopía Electrónica”, CNME).

Presentation will be done by **Dr. Javier García García** (CNME Cientific Director) and **Dr. José González Calbet** (CNME Director ICTS).

11:00 – 13:00 Electron Microscopy Centre

13:00 Bus back to INIA.

13:00 – 14:30 Lunch. INIA restaurant

14:30 – 17:00 Practical work, in vitro and in silico. In vitro work will be coordinated by **Dr. María Luisa Fernández** Cruz from INIA, together with Tobias Lammel, **Mona Connolly**, **Ana Valdehita**, **Alba Quesada** and **Luis Alte**.

In silico work will be coordinated by **Dr. Bernardo Herradón**, from the CSIC's Institute of Organic Chemistry, together with **Dr. Carlos Miranda**.

18:00 INIA Bus. Back to downtown

THURSDAY, 01. MAR.

8:30 Bus Husa Hotel to CIEMAT

9:00 – 11:00 CIEMAT. Visit to ICP-MS installation.

Presentation by **Dr. Marta Fernández**, **Dr. Alberto Quejido**.

12:00 **Dr. Fernández Cruz**. Presentation about the performed in vitro work

13:00 – 14:30 Lunch. INIA restaurant

14:30 – 18:00 Practical work, in vitro and in silico. In vitro work will be coordinated by **Dr. María Luisa Fernández** Cruz from INIA, together with Tobias Lammel, **Mona Connolly**, **Ana Valdehita**, **Alba Quesada** and **Luis Alte**.

In silico work will be coordinated by **Dr. Bernardo Herradón**, from the CSIC's Institute of Organic Chemistry, together with **Dr. Carlos Miranda**.

18:00 INIA. Bus. Back to downtown

FRIDAY, 02 MAR.

8:30 Bus Husa Hotel to INIA

9:00 Practical work, in vitro

10:00 – 13:00 IESMAT. **Óscar Díez**. Use of DLS. Determination of nanoparticle size frequency distribution and Z-potential.

13:00 – 14:30 Lunch. INIA restaurant

14:30 – 18:00 Practical work, in vitro and in silico. In vitro work will be coordinated by **Dr. María Luisa Fernández** Cruz from INIA, together with Tobias Lammel, **Mona Connolly**, **Ana Valdehita**, **Alba Quesada** and **Luis Alte**.

In silico work will be coordinated by **Dr. Bernardo Herradón**, from the CSIC's Institute of Organic Chemistry, together with **Dr. Carlos Miranda**.

18:00 Farewell

18:30 Bus. Back to downtown