

Workshop

"Water disinfection by-products: current research challenges"

9:15-9:30 - **Welcome and Opening**

Teresa Moreno IDAEA Director

Cristina Postigo COMFuturo Researcher
IDAEA-CSIC



9:30-9:55 - **Toxicity and mode of action of disinfection
by-products (DBPs) in drinking water: new challenges**

Miguel M Santos and **R. Chaves**

Head of the Endocrine Disruptors and Emerging

Contaminant Group at CIIMAR, Dpt. Biology, Faculty of
Sciences, University of Porto



9:55-10:20 **Characterization of DBP mixtures: state of
the art and analytical challenges**

Cristina Postigo

ComFuturo Researcher
IDAEA-CSIC



10:20-10:45 **Prediction of disinfection byproduct
formation during water treatment from characterization
of dissolved organic matter with non-target screening**

María José Farré

Ramón y Cajal Researcher

Catalan Institute of Water Research



10:45-11:15 **Coffe break**

Workshop

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11:15-11:40 - **Oxidation processes in water treatment: Are we on track?**

Urs von Gunten

Full Professor, Laboratory for Water Quality and Treatment; Swiss Federal Institute of Technology, Lausanne, EPFL and Swiss Federal Institute of Aquatic Science and Technology, Eawag



11:40-12:05 - **Management of disinfection byproducts in drinking water production**

Fernando Valero and **Pere Emiliano**

Ens d'Abastament d'Aigua Ter Llobregat (ATL)



12:05-12:30 **Epidemiological challenges for DBP research and ongoing studies**

Cristina Villanueva

Associate Research Professor
Barcelona Institute of Global Health



12:30-12:55 **Toxicity of aromatic DBPs**

Cinta Porte

Research Professor
IDAEA-CSIC



12.55 - 13.30 **Discussion**

All workshop participants