

Young Researchers' Week 2021 Agenda

[Link to access the YRW \(October 27\)](#)

Wednesday - October 27, 2021	
10:00 – 10:15	Open ceremony <i>Teresa Moreno</i>
10:15 – 11:30	S1: Oral presentations (Four 10-min talks) Chairman: <i>Estanislao Pujades</i>
	<i>Coffee break + ice breaking activity: Speed-dating</i>
12:00 – 12:45	S2: Oral presentations (Three 10-min talks) Chairman: <i>Marco Pandolfi</i>
12:45 - 12:50	S3: Video session (Two 45-sec videos) Chairman: <i>Marco Pandolfi</i>
12:50 - 13:30	S4: Oral presentations (Three 10-min talks) Chairman: <i>Marco Pandolfi</i>
	<i>Lunch break</i>
15:30 – 16:00	S5: Poster session (Six 3-min flash talks) Chairwoman: <i>Marta Llorca</i>
16:00 - 17:15	S6: Oral presentations (Four 10-min talks) Chairwoman: <i>Carmen Bedia</i>
	<i>Coffee break</i>
17:30 – 18:30	Round table “career opportunities after the PhD” Invited speakers: <i>Anna May, Peter Eichhorn, Ramón Bouza, Violeta Velasco, Joaquín Jimenez, Anna Jurado, Jordi Font</i> Chairwomen: <i>Miriam Pérez Cova & Marta Llorca</i> Languages: CAT, CAST, ESP

[Link to access the YRW \(October 28\)](#)

Thursday - October 28, 2021	
10:00 – 11:15	S7: Oral presentations (Five 10-min talks) Chairwoman: <i>Anna Jurado</i>
11:15 – 12:00	S8: Poster session (Six 3-min flash talks) Chairwoman: <i>Belén Martrat</i>
12:00 – 12:30	<i>Coffee break + ice breaking activity: IDAEA pictionary</i>
12:30 – 14:30	Workshop “mental health during the PhD” Trainer: <i>Ryan Armstrong</i>
	<i>Lunch break</i>
15:30 – 16:00	Final Quiz, YRW awards and closure <i>Carmen Bedia, Miriam Pérez Cova, Teresa Moreno</i>

List of participants and titles

Wednesday - October 27, 2021

S1: Oral presentations

10:15 – 11:30 h

- **Savva Katerina** - Screening and quantification of plastic additives in One-Use household items
- **Paula Ortega** - Novel solutions for the reduction of soil and groundwater contamination due to copper and alternative fungicide spray applications on vineyards
- **Isabel Díez** - Vertical distribution of volatile organic compounds and their influence on tropospheric ozone formation in Vic by using aerostatic balloons
- **Aleix Balash García** - Exposure of e-waste dismantlers in Catalonia (Spain) to inhalable organophosphate and halogenated flame retardants

S2: Oral presentations

12:00 – 12:45 h

- **Marten in 't Veld** - Compositional changes of PM2.5 in NE Spain during 2009-2018: A trend analysis of the chemical composition and source apportionment
- **Julio Fernández Arribas** - OPE occurrence in drinking water and beverages
- **Pauline Saurat** - Investigating the complex relation between forest cover and water resources availability

S3: Video session

12:45 – 12:50 h

- **Raimon Martínez Prats** - Passive air and water sampling for the analysis of persistent organic pollutants in remote high-mountain areas in the Pyrenees
- **Siday Marrugo Madrid** - Improvements in the DGT technique for the remote monitoring of bioavailable Hg in areas impacted by gold mining: use of new materials for its quantification

S4: Oral presentations

12:50 – 13:30h

- **Tiantian Wang** - Development of PLHC-1 multicellular spheroids as in-vitro models to assess the mixture toxicity of plastic additives
- **María García Torné** - Assessment of micro-nanoplastics in the gastrointestinal tract of fish of the Ebro River
- **Bernat Oró-Nolla** - Occurrence of organic pollution in *Larus audouinii* colony from the Ebro Delta by a non-targeted gas chromatography / high-resolution mass spectrometry Orbitrap analytical method

S5: Poster session

15:30 – 16:00 h

- **Federica Ippolito** - Experimental approaches to reduce emission modelling uncertainty for solid fuel combustion and road dust resuspension
- **Joan Gutiérrez** - Stability and surface structure of adsorbed REE complexes onto schwertmannite
- **Jesús Yus Díez** - Icelandic dust: *Why and differences with Saharan dust*
- **Albert Menéndez Pedriza** - High-resolution HR-MALDI-MSI workflow for lipidomic analysis of zebrafish embryos
- **Juan Pinos** - Routing stemflow water through the soil: A dual labelling approach with artificial tracers
- **Albert Vega-Herrera** - Suspect screening of micro(nano)plastics in the drinking water supply system of the Barcelona metropolitan area

S6: Oral presentations

16:00 – 17:15 h

- **Núria Trilla** - Dissolved Black Carbon and Semivolatile Aromatic Hydrocarbons in the Ocean: Two Entangled Biogeochemical Cycles?
- **Joan Botey** - DInSAR in hydromechanical numerical modelling of aquifer system compaction. Case of West- and East-Flanders, Belgium.
- **Angie Steffany Albarracín Melo** - Air pollution from traffic non-exhaust emissions and the impact of electrification
- **Mahdi Bahktbidar** - Screening and ranking of suitable CO₂ storage sites in Spain

Thursday - October 28, 2021

S7: Oral presentations

10:00 – 11:15 h

- **Clara Jaén** - Influence of temperature inversions on organic aerosols: Measurement by using meteorological balloons.
- **María López Olive** - Environmental release of engineered nanoparticles from shipyard activities
- **Maria Dulsat** - Exposure of organic micropollutants in greater flamingo from Ebro Delta natural Park
- **Jon Iriarte** - Potential for microbial degradation of Polycyclic aromatic hydrocarbons in the Antarctic Coastal seawaters
- **Juliette Bedrossiantz** - Development of screening methodologies for chemical risk assessment: behavioral effects and neuropathological mechanisms in aquatic species

S8: Poster session

11:15 – 12:00 h

- **Francesc Labad** - Extraction of polar compounds from groundwater by comparing SPE and evaporation techniques followed by HRMS DIA acquisition
- **Paula Villascclaras** - Phenotypic and metabolomic effects of atmospheric particulate matter from three different Catalonia locations on physiologically relevant human lung cell cultures
- **Diana Manjarrés** - Distribution of pharmaceuticals in wild fish tissues in target mode and detection of pollutants of emerging concern by suspect screening
- **Olga Gómez** - Occurrence and distribution of pharmaceuticals in intermittent rivers in Spain using LC-HRMS/MSOrbitrap
- **Carlos Pérez** - The ROIMCR procedure as a powerful tool for sewage water sample characterization in environmental proteomics
- **Jaume Bogarra** - Metabolomic assessment of desiccation and rehydration processes of cryptobiotic plants