

**2<sup>nd</sup> IMPRESS WORKSHOP and 5<sup>th</sup> AQUAGAMETE TRAINING SCHOOL**  
Valencia (Spain), 1<sup>st</sup>-11<sup>th</sup> March, 2016

**Tentative program**

**2<sup>nd</sup> IMPRESS WORKSHOP**

**Personal development and career plan**

Wednesday, March 2<sup>nd</sup>

- 09:00-11:00 Personal career plan. [F.-A. Weltzien \(IMPRESS, NMBU, Norway\)](#).  
11:00-11:30 Coffee break.  
11:30-13:30 Science communication: an outline and a review of channels and formats.  
[Carlos Benito \(UPV, Spain\)](#).  
13:30-15:00 Lunch.  
15:00-17:00 Disseminating your research: Scientific profiles and tools. [Nicolás Robinson \(UPV, Spain\)](#).

Thursday, March 3<sup>rd</sup>

- 09:00-11:00 Biodiversity I. [TBA \(IMPRESS\)](#).  
11:00-11:30 Coffee break.  
11:30-13:30 Management of freshwater endangered and exotic flora and fauna of the Comunidad Valenciana. [Ignacio Lacomba \(Local Government, GVA\)](#).  
13:30-15:00 Lunch.  
15:00-17:00 Gender equality and conflict management. [TBA \(UPV\)](#).

Friday, March 4<sup>th</sup>

- 09:00-11:00 Conference presentations. Poster and oral format. [Juan J. Pascual \(UPV, Spain\)](#).  
11:00-11:30 Coffee break.  
11:30-13:30 How to disseminate science to society. [José M. Seguí \(UPV, Spain\)](#).  
13:30-15:00 Lunch.  
15:00-17:00 Philosophy of animal welfare. Pain Perception. [I. Mayer \(IMPRESS, NMBU, Norway\)](#).

Saturday, March 5<sup>th</sup>

- 09:00-11:00 Stress response and indicators of stress. Anaesthetics and sedatives. [I. Mayer \(IMPRESS, NMBU, Norway\)](#).  
11:00-11:30 Coffee break.  
11:30-13:30 The 3Rs Aquaculture and fish welfare. [I. Mayer \(IMPRESS, NMBU, Norway\)](#).  
13:30-14:30 Lunch.  
14:30-16:30 1st Annual Network meeting / ESRs meeting.  
16:30-17:30 Supervisory Board meeting  
20:00 Social dinner

## 5<sup>th</sup> AQUAGAMETE TRAINING SCHOOL

### Cryopreservation of fish germ cells

#### Monday, March 7<sup>th</sup>

- 09:00-09:30 Registration and welcome
- 09:30-10:00 Progress, challenges and perspectives on fish gamete cryopreservation. J.F. Asturiano (UPV, Spain).
- 10:00-10:30 Basic info on cryopreservation process. Á. Horváth (SIU, Hungary).
- 10:30-11:00 Coffee break.
- 11:00-11:30 Surrogate production technology in fish. M. Psenicka (USB, Czech Republic).
- 11:30-12:25 IMPRESS ESRs presentations (7 x 8 min).
- 12:25-12:40 Break.
- 12:40-13:45 IMPRESS ESRs presentations (8 x 8 min).
- 13:45-15:00 Lunch.
- 15:00-18:00 Practical 1: Sperm cryopreservation in marine fish. David S. Peñaranda + UPV team.

#### Tuesday, March 8<sup>th</sup>

- 09:00-18:00 Technical visits:  
Visitor's Center El Saler,  
Center for preservation of freshwater species CV (CCEDCV)-El Palmar,  
Albufera lagoon,  
Fishermen facilities El Palmar,  
Estany, Gola Pujol and Saler beach.

#### Wednesday, March 9<sup>th</sup>

- 09:00-10:00 Fish PGC cryopreservation: is it a realistic tool for fish conservation biology? V. Robles (IEO, Spain).
- 10:00-11:00 Reliability of cryobanking procedures: what are the effects on germline cells? P. Herráez (ULE, Spain).
- 11:00-11:30 Coffee break.
- 11:30-12:30 Somatic cells as an additional resource for genome preservation: the promises and the difficulties. C. Labbé (INRA, France).
- 12:30-13:30 Epigenetics and non-Mendelian inheritance. F. Piferrer (CSIC, Spain).
- 13:30-15:00 Lunch.
- 15:00-18:00 Practical 2: Microinjection. M. Psenicka, T. Saito (USB, Czech Republic) + UPV team.

#### Thursday, March 10<sup>th</sup>

- 09:00-09:45 Standardization and reporting in cryopreservation. Á. Horváth (SIU, Hungary).
- 09:45-10:15 Case study 1: Gonia cryopreservation (sturgeon). M. Psenicka (USB, Czech Republic).
- 10:15-10:45 Case study 2: European eel sperm cryopreservation. L. Pérez (UPV, Spain).
- 10:45-11:15 Coffee break.
- 11:15-11:45 Case study 3: Salmon sperm cryopreservation. A. Ciereszko (PAN, Poland).
- 11:45-12:35 AQUAGAMETE ESRs presentations (4 x 10 min).
- 12:35-12:50 Break.
- 12:50-13:40 AQUAGAMETE ESRs presentations (4 x 10 min).
- 13:40-15:00 Lunch.
- 15:00-18:00 Practical 3: Germ line isolation. M. Psenicka, T. Saito + UPV team.

Friday, March 11<sup>th</sup>

- 09:00-11:00 Technical visit PROISER facilities. C. Soler and PROISER team (PROISER, Spain).  
11:00-11:30 Coffee break.  
11:30-13:30 Practical 4: Sperm quality evaluation (CASA). C. Soler and PROISER team (PROISER, Spain) / AQUAGAMETE Core Group + WG2 meetings.  
13:30-15:00 Lunch (UV Campus).  
15:00-18:00 Airport/Campus.

With the collaboration of:

