

## An Introduction to EURION

**EURION cluster meeting, Feb 5, 2020 Paris**

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# EU Horizon 2020 Topic-SC1-BHC

## *'New testing and screening methods to identify endocrine disrupting chemicals'*

### **Scope of call for proposals 2018:**

- New/improved approaches to meet EDC regulatory requirements
- Better and faster tools, test methods, high throughput
- Adverse outcome pathways
- Couple in vitro tests to human health effects
- Most urgent: thyroid, neurotoxicity, metabolic disorders, female reproduction
- Involve regulatory agencies and other actors
- International cooperation essential
- Contribute to ongoing activities, e.g. OECD, EU
- Validation is essential



# The EURION cluster



- Eight projects were granted from the call to form the EURION cluster
- Largest funding of research on endocrine disruptors in Europe (50 M Euro)
- More than 70 research groups participate
- Project period Jan 2019 - Dec 2023



# Meet the 8 projects...



# film



# EURION objective



Months 1-15



Months 16-30



Months 31-45



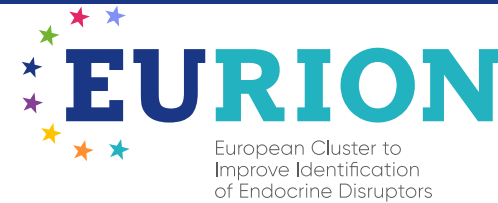
Months 46-60

To optimise **synergies**  
and avoid overlap  
between the projects

Coordination



# EURION Activities



- Common kick-off, annual and final meetings
- Workshops and trainings, in cooperation with the European Joint Research Centre on (pre)validation of tests (Feb 2020), AOPs, IATA, data sharing, methodologies etc
- Common dissemination activities: website, logo, joint policy briefs and newsletters, special journal issue (IJMS, Feb 2020)
- Presentations at international conferences, e.g. EUROTOX, SETAC, Gordon Research Conference, etc
- A common International Advisory Panel for Regulatory Matters (IAP)



# International Advisory Panel for Regulatory Matters (IAP)

## Mandate:

- (i) provide a bridge to other European and international initiatives and regulatory bodies
- (ii) bring understanding of international stakeholder needs, issues, concerns, drivers, and opportunities
- (iii) provide independent assessment and feedback on the regulatory relevance of the test methods (under the different regulatory frameworks)
- (iv) promote communication with main stakeholders in the field, where appropriate.





# International Advisory Panel for Regulatory Matters (IAP)



## Experts from the following organizations:

- 1) National Institute of Environmental Health Sciences (NIEHS), USA
- 2) National Industrial Chemicals Notification and Assessment Scheme (NICNAS), Australia
- 3) Health Canada
- 4) National Natural Science Foundation, China
- 5) National Institute of Health Sciences, Japan
- 6) Swedish Chemicals Agency (KEMI)
- 7) Danish National Food Institute
- 8) U.S. Environmental Protection Agency
- 9) Organization for Economic Cooperation and Development (OECD)
- 10) Joint Research Center (JRC)



# EURION Thematic Working Groups

1. Animal studies rodents
2. Animal studies aquatic organisms
3. **Adverse Outcome Pathways (AOPs)**
4. **Chemicals**
5. Data management
6. Epidemiology
7. Integrated Approach for Testing and Assessment (IATA)
8. In silico
9. In vitro models
10. Omics
11. Pre-validation
12. **Regulatory affairs and policy**

To facilitate  
**cross-project  
collaboration**





European Cluster to  
Improve Identification  
of Endocrine Disruptors

# Thank you!

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