



# EURION

European Cluster to  
Improve Identification  
of Endocrine Disruptors

EURION is a cluster of 8  
projects.

Cluster start:  
1 January 2019

Cluster duration:  
60 months

Total EU grants:  
EUR 50 mill.

Cluster website:  
[www.eurion-cluster.eu](http://www.eurion-cluster.eu)

Twitter:  
[Twitter.com/EurionCluster](https://twitter.com/EurionCluster)

Newsletter:  
Sign up for the *EURION*  
*newsletter* on our website

The EURION  
cluster  
consists of 8  
projects and  
more than 70  
research groups  
that focus on  
improved and  
harmonised  
methods and testing  
strategies for the  
endocrine disruptors.



## Cluster projects:

**ATHENA** - Assays for the identification of thyroid hormone axis-disrupting chemicals: elaborating novel assessment strategies

**EDCMET** - Metabolic effects of endocrine disrupting chemicals: novel testing methods and adverse outcome pathways

**ENDPOINTS** - Novel testing strategies for endocrine disruptors in the context of developmental neurotoxicity

**ERGO** - Breaking down the wall between human health and environmental testing of endocrine disruptors: Endocrine Guideline Optimisation

**FREIA** - Female reproductive toxicity of EDCs: a human evidence-based screening and identification approach

**GOLIATH** - Beating Goliath: Generation of novel, integrated and internationally harmonised approaches for testing metabolism disrupting compounds

**OBERON** - An integrative strategy of testing systems for identification of EDs related to metabolic disorders

**SCREENED** - A multistage model of thyroid gland function for screening endocrine-disrupting chemicals in a biologically sex-specific manner



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### Cluster coordination:

1 January 2019-  
31 March 2020:

**GOLIATH** and **OBERON**

1 April 2020-  
30 June 2021:

**ENDPOINTS** and **ERGO**

1 July 2021-  
30 September 2022:

**ATHENA** and **SCREENED**

1 October 2022-  
31 December 2023:

**FREIA** and **EDCMET**

### The EURION objective:

To optimise synergies and maximise the output of the 8 projects

### EURION activities:

- 12 thematic working groups
- Common kick-off, annual and final meetings
- Workshops/training
- Common dissemination activities: website, logo, policy briefs and newsletters

### Policy-making

The outcome of the cluster projects will collectively contribute to the requirements of the new EU endocrine disruptor strategy, entitled 'Towards a comprehensive European Union framework on endocrine disruptors'. It calls for advancement in the development and validation of test methods.

The projects will specifically meet the needs of the OECD, which is the leading recognised body for developing internationally agreed test guidelines, which are transposed into relevant EU legislation as appropriate.

### EURION working groups

*Working groups have been established to facilitate cross-project collaboration on the following topics:*

- Animal studies rodents
- Animal studies aquatic organisms
- AOPs
- Chemicals
- Data management
- Dissemination & communication
- Epidemiology
- IATA
- In silico
- In vitro models
- Omics
- Pre-validation
- Regulatory affairs and policy

### Coordinators

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