



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

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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