2019 CEFIC-LRI ANNUAL WORKSHOP

Word of welcome, programme overview

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THE LONG-RANGE RESEARCH INITIATIVE: A GLOBAL COMMITMENT

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- Commitment demonstration to **Responsible Care** (RC) and **Global Product Strategy** (GPS)
- A global effort under **ICCA**:
  - American Chemistry Council (ACC)
  - Japan Chemical Industry Association (JCIA)
  - European Chemical Industry Council (Cefic)

LRI-ICCA GLOBAL RESEARCH STRATEGY

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- Strategy revised in July 2018
- Funding research projects in 3 priority areas:
  - Innovating chemical testing
  - Understanding everyday exposures to chemicals
  - Translating research outcomes for product safety
- LRI-ICCA research portfolio: https://www.icca-chem.org/icca-long-range-research-initiative/

WE PROVIDE FUNDIND OPPORTUNITIES TO PUBLIC & PRIVATE STAKEHOLDERS

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CEFIC-LRI REQUEST FOR PROPOSALS

Project grants on chemical risk assessment

3 500 000 €

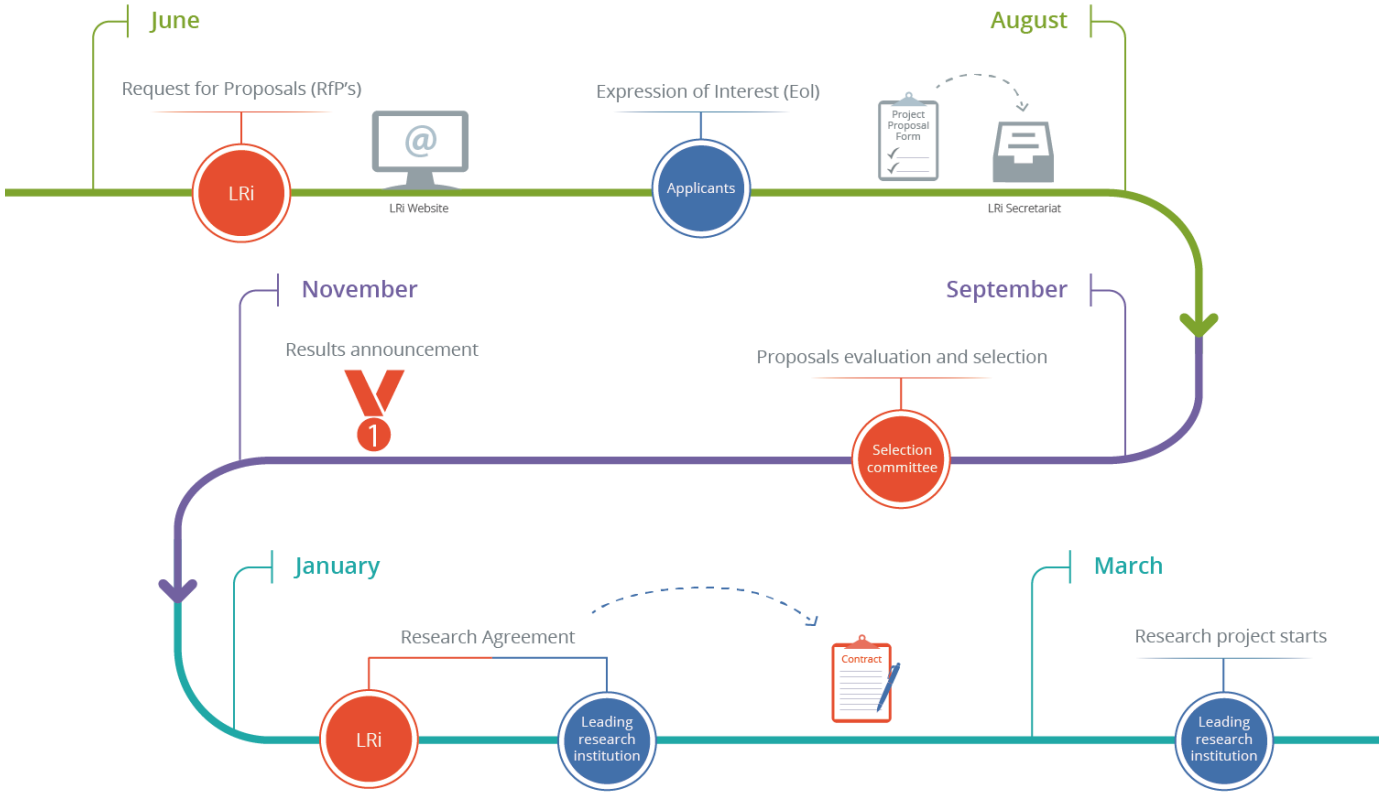
- 260+ projects since the creation of Cefic-LRI
- 200+ experts on risk assessment issues

CEFIC-LRI INNOVATIVE SCIENCE AWARD

A stepping stone for future scientific leaders

100 000 €

THE CEFIC-LRI PROJECT FUNDING PROCESS



IT TAKES A TEAM

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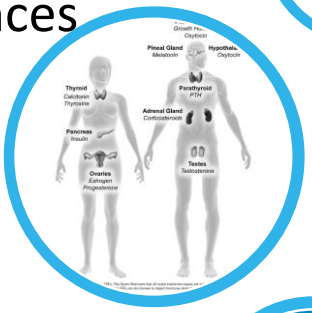
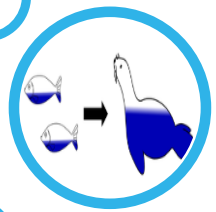
Focus Areas of the last 20 years

- Development and validation of meaningful testing and assessment methods for

Endocrine active substances





Bioaccumulation

Persistence

Computational Tools

GOING FORWARD: CEFIC-LRI KEY QUESTIONS

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- Big data: How to link information at the molecular level to health impacts, and how to interpret data for meaningful decision-making?
- Predictive tools for health impact: What are pragmatic approaches to reduce complexity and improve trust in predictions of health effects?
- Developmental toxicity: How to optimize the collection and analysis of toxicological and epidemiological data on the exposure of sensitive populations?
- Comparative assessment: How to take confounding factors into account when interpreting the impact of health and environmental stressors?
- Environmental risk assessment: How to ensure environmentally relevant risk assessment for ecotoxicology and fate endpoints?
- Human health risk assessment: How to ensure relevance and improve trust in human health risk assessment data for regulatory purposes?

Projects presented as talks today

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Non-animal methods fit for risk assessment	Understanding exposure	Environmental relevance and applicability range of test methods
• PBPK platform • QIVIVE • TTC Cancer database • bioaccumulation estimation by modelling + in vitro	• Indoor exposure screening • Occupational dermal and inhalation exposure	• Microbial community adaptation in P testing • Bioaccumulation of surfactants • Water solubility

AGENDA

MORNING	
9:00 - 10:00	**Thematic session: Addressing microplastic risk assessment: where next?** Chair: Dr Jens Otte, BASF, DE
10:00 - 13:00	**Plenary session I: Human health risk assessment** **Finishing LRI projects with impact on exposure modelling and assessment, in-vitro concentrations, and carcinogen thresholds** Chair: Dr Bruno Hubesch, LRI Programme Consultant, Innovation, Cefic, BE
13:00 - 14:30	**Lunch**

AGENDA

AFTERNOON	
14:30 – 16:40	**Plenary session II: Environmental risk assessment** **Finishing LRI projects with impact on bioaccumulation, water solubility and adaptation of microbial communities** Chair: Dr Bruno Hubesch, LRI Programme Consultant, Innovation, Cefic, BE
16:30 – 16:40	**Cocktails in Stresa** Dr Rick Becker, American Chemistry Council (ACC), US
16:40 – 16:50	**Conclusions of the workshop and future perspectives on the Cefic-LRI programme** Dr Pierre Barthelemy, Executive Director, Innovation, Cefic, BE
16:50 – 17:00	**Close of Cefic-LRI Workshop 2019** Dr Bruno Hubesch, LRI Programme Consultant, Innovation, Cefic, BE

Enjoy the networking and expanding your horizon!

LRI SECRETARIAT

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Cefic-LRI Programme
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