INTER Funding Opportunities
Luxembourg: a young research location

CREATING STRUCTURES...

- **Legal framework for foundation of CRPs and the support of research activities**
- **Inaugural Science Festival**
- **Foundation of the University of Luxembourg**
- **Foundation of the Integrated BioBank of Luxembourg (IBBL)**
- **Foundation of the Luxembourg Centre for Systems Biomedicine (LCSB)**
- **CEPS/ INSTEAD becomes Luxembourg Institute of Socio-Economic Research (LISER)**
- **CRP Santé becomes Luxembourg Institute of Health (LIH)**
- **Merger of CRP-HT and CRP-GL to form Luxembourg Institute of Science and Technology (LIST)**
- **Relocation of major research actors to Belval**
- **Foundation of Max Planck Institute for International, European & Regulatory Law**

**Events:**
- 1987: Foundation of CRPs Henri Tudor, Gabriel Lippmann, Santé and CEPS/ INSTEAD
- 1987/89: Launch of Technoport
- 1995: Inaugural Science Festival
- 1998: Foundation of the FNR
- 1999: FNR Foresight exercise
- 2003: Foundation of the University of Luxembourg
- 2006/07: Foundation of the Integrated BioBank of Luxembourg (IBBL)
- 2008: Foundation of the Luxembourg Centre for Systems Biomedicine (LCSB)
- 2009: CEPS/ INSTEAD becomes Luxembourg Institute of Socio-Economic Research (LISER)
- 2012: CRP Santé becomes Luxembourg Institute of Health (LIH)
- 2015: Merger of CRP-HT and CRP-GL to form Luxembourg Institute of Science and Technology (LIST)
Research in Luxembourg

Luxembourg: a young research location

Sustained efforts...

**LUXEMBOURG INVESTMENTS**

*Luxembourg public investments in public and private R&D (MEUR)*
Main **funder** of research activities in Luxembourg.

Manage **public funds** for research projects with increased emphasis on selected **core strategic areas**

Promote **scientific culture** and to raise **public awareness** for research and science

Advise the Luxembourg government on **research policy and strategy**
Vision

• To establish Luxembourg as a leading knowledge-based society through science, research and innovation, thereby contributing to the country’s economic diversification and future prosperity.

Mission

• To set up a sustainable world-class research system in Luxembourg that will generate societal and economic impact in key strategic areas.

Key Values

• Excellence and quality in research. The FNR systematically submits funding proposals to an evaluation by independent scientific experts and applies the highest standards of scientific merit, transparency, impartiality, confidentiality and integrity.
Funding Opportunities

**FNR funding by career stage**

<table>
<thead>
<tr>
<th>Research-Intensive Doctoral Education</th>
<th>PhD</th>
<th>Postdoc &amp; Junior Researcher</th>
<th>Established Researcher</th>
<th>Leading Researcher</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD and intersectoral Postdoc grants in Luxembourg and abroad</td>
<td>PRIDE</td>
<td>AFR-PhD Grant</td>
<td>ATTRACT Starting</td>
<td>ATTRACT Consolidator</td>
</tr>
<tr>
<td>Grants to establish research groups in Luxembourg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grants to establish research groups in Luxembourg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regular project funding with thematic focus</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funding of bi- or multilateral research projects</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondments and research stays in Luxembourg and abroad</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Support for research communication</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facilitation of the commercialisation of innovations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledge &amp; Innovation Transfer Support</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public-Private Partnerships</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Support for promoting science to the public</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Luxembourg National Research Fund

[www.fnr.lu/funding/](http://www.fnr.lu/funding/)
International Cooperation

http://fnr.lu/fnr-international-cooperation/

Co-funding of international research collaborations and networking activities between researchers in Luxembourg and abroad

AIM

• Foster international collaboration and support excellence in research

• Increase international visibility of Luxembourg research

• Offer possibilities to address research questions / challenges at a larger scale
International Cooperation

http://fnr.lu/fnr-international-cooperation/

Programmes

• Project funding in the framework of bilateral or multilateral collaborations built on joint research activities

• Mobility scheme for experienced researchers

• Bilateral PhD and Postdoc Grants
International Cooperation
http://fnr.lu/fnr-international-cooperation/

2016: 96 submitted, 10 funded (INTER)

Submitted / Accepted projects

<table>
<thead>
<tr>
<th>AAL</th>
<th>ANR</th>
<th>CNRS</th>
<th>DFG</th>
<th>EDCTP</th>
<th>EUROSTARS</th>
<th>FWF</th>
<th>FWO</th>
<th>MERA</th>
<th>Norface</th>
<th>NSF</th>
<th>RCN</th>
<th>RCUK</th>
<th>SNF</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend: Submit, Accepted
International Cooperation

http://fnr.lu/fnr-international-cooperation/
Project funding in the framework of bilateral collaborations built on joint research activities:

- **LEAD-AGENCY principle:** joint projects will be evaluated by 1 agency only
  - => Luxembourg based researchers submit joint proposals with foreign colleagues
  - => in general, no specific INTER call, but projects have to be submitted to the relevant national calls for proposals (exception: INTER FNR-NRF call)
  - => For LU-part: General FNR eligibility and budget rules apply
The rules/guidelines of the lead-agency have to be respected!

- **FNR is lead-agency:**
  Projects have to submitted as CORE projects (respecting the CORE rules) (exceptions possible)

- **Joint project is submitted abroad:**
  Lux-PI has to upload the following documents in the FNR online tool within 5 working days after the call deadline abroad:
  - the full proposal (pdf),
  - a budget justification and
  - A detailed work plan (gantt chart)
  (please chose: INTER / foreign agency (e.g. ANR)
FNR BILATERAL

http://fnr.lu/fnr-international-cooperation/

• **LEAD-AGENCY always abroad:**
  ANR, FNRS, FWO, NWO/ZonMW, Belspo, RCN, RCUK, NSF, CNRS

• **LEAD-AGENCY shared:**
  DFG, SNF, FWF, NRF

• **FNR always LEAD-AGENCY:**
  NCBR, EMBL, FCT, BMBF, RIKEN, NASA-Ames,
## FNR BILATERAL – Deadlines

http://fnr.lu/fnr-international-cooperation/

<table>
<thead>
<tr>
<th>Foreign Agency</th>
<th>Deadline</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANR, France</td>
<td>March 2018 (tbd)</td>
<td>No pre-proposal submission in Oct required</td>
</tr>
<tr>
<td>DFG, Germany</td>
<td>Ongoing</td>
<td>“Normalverfahren”; prior FNR approval required for applications in ‘Schwerpunktprogramm’ and ‘Forschergruppe’</td>
</tr>
<tr>
<td>FWF, Austria</td>
<td>Ongoing</td>
<td>Limitation on Austrian budget per project</td>
</tr>
<tr>
<td>FWO, Belgium</td>
<td>1 April 2018</td>
<td></td>
</tr>
<tr>
<td>FNRS, Belgium</td>
<td>May 2018 (tbd)</td>
<td></td>
</tr>
<tr>
<td>RCN, Norway</td>
<td>May 2018 (tbd)</td>
<td>Research effort AND budget must be higher in Norway</td>
</tr>
<tr>
<td>RCUK, United Kingdom</td>
<td>Various deadlines</td>
<td>Deadlines depending on the relevant Research Council =&gt; see website</td>
</tr>
</tbody>
</table>
## FNR BILATERAL – Deadlines

http://fnr.lu/fnr-international-cooperation/

<table>
<thead>
<tr>
<th>Foreign Agency</th>
<th>Deadline</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSF, US</td>
<td>Ongoing</td>
<td>Prior acceptance of US Programme Manager required</td>
</tr>
<tr>
<td>NRF, Singapore</td>
<td>1 call per year (tbd)</td>
<td>Thematic joint call organised by lead-agency;</td>
</tr>
<tr>
<td>NWO/ZonMW, The Netherlands</td>
<td>2018 (tbd)</td>
<td>Ongoing negotiations; Dutch partner will be the lead-agency</td>
</tr>
<tr>
<td>CNRS, France</td>
<td>Various deadlines</td>
<td>FNR funding is limited to the maximum CNRS contribution</td>
</tr>
<tr>
<td>NASA-Ames, US</td>
<td>Ongoing</td>
<td>Joint PhD or Postdoc grants</td>
</tr>
</tbody>
</table>

Multiple Deadlines => FNR website is updated
Secondment of a researcher:

- From Luxembourg to a foreign public or private research institution
- From a foreign institution to a Luxembourg public sector research institution

Duration: 6 weeks to 1 year

Funding: full cost coverage

Calls: 2 deadlines per year (January and June)
International Cooperation

FNR Contacts

INTER
bi- or multilateral agreements to foster international collaboration
● multiple calls

INTER MOBILITY
to promote the exchange between research groups in Luxembourg and leading research groups abroad
● 2 calls year (deadlines: January and June)

Helena BURG
Head of International Relations

Florencia Balbastro
Programme Manager
Multilateral Cooperations

http://fnr.lu/fnr-international-cooperation/
Multilateral Cooperations

**FNR Contacts**

**PerMed**

First EC-cofounded call to be expected in **January 2018**
High interest from almost all EU member states
IC PerMed Roadmap will feed into call topics

**Marie-Claude Marx**

**JPND research**

Multinational research projects on health and social care for **neurodegenerative diseases**. Call in **March 2018 (tbc)**

**Frank GLOD**

**ERA CoSysMed**

3rd Joint Transnational Call for European **Research Projects on Systems Medicine** - **tbd**
Call ‘Public spaces: Culture and Integration in Europe’
deadline 24 October 2017 (outline proposals)
24 participating countries, total budget up to 20 MEUR

NORFACE is a collaborative partnership of national research funding agencies from 18 European countries in the area of social and behavioral sciences - tbd

Research and Innovation in the Mediterranean Area - innovative solutions for improving the efficiency and sustainability of food productions and water quality/availability - tbd
Transnational RTD projects addressing materials research and innovation including materials for low carbon energy technologies and related production technologies. Call in March 2018 (tbc)

Active and Assisted Living Programme. ICT for ageing well. Call in March 2018 (tbc)

International projects for the development of rapidly marketable innovative products, processes and services that help improve the daily lives of people. Call deadline 1st March 2018
INTERnational PEOPLE funding

AFR bilateral; NASA-Ames; Fulbright stipends

Transnational RTD projects addressing materials research and innovation including materials for low carbon energy technologies and related production technologies. Call in March 2018 (tbc)

Active and Assisted Living Programme. ICT for ageing well. Call in March 2018 (tbc)

International projects for the development of rapidly marketable innovative products, processes and services that help improve the daily lives of people. Call deadline 1st March 2018

Christiane KAELL

Andreea MONNAT
Secondment of a researcher:

- From Luxembourg to a foreign public or private research institution
- From a foreign institution to a Luxembourg public sector research institution

Duration: 6 weeks to 1 year
Funding: full cost coverage
Calls: 2 deadlines per year (January and June)
AFR Bilateral

- **PhD- and Postdoc grants** conducted jointly in Luxembourg and abroad; beneficiaries have to be employed in Luxembourg.

- To foster bilateral research collaboration and strengthen networking activities between public research institutions of both countries.

- **Calls will be launched** for specific partnerships (e.g. RIKEN, Singapore) and will be published on the FNR website.

- Individual or collective applications possible.

- Funding is provided by FNR (no involvement of other funding agencies).
AFR bilateral: NASA-Ames Research Center

- PhD- and Postdoc grants conducted jointly in Luxembourg and at the NASA-Ames Research Center
- To foster bilateral research collaboration and strengthen networking activities between public research institutions of both countries.
- **Ongoing call** for individual applications; max 2 grants/year
- For eligibility requirements, please consult our website

[https://www.fnr.lu/international-cooperation/nasa-arc/](https://www.fnr.lu/international-cooperation/nasa-arc/)
Fulbright awards for Luxembourg citizens

- Co-funding of grants for pre- and postdoctoral research visits to US institutions within the framework of the prestigious Fulbright awards programme

- Duration of research visits: 3 to 9 months

- Funding includes: monthly stipend, a travel allowance, sickness and accident insurance, J-visa sponsorship, etc.

- **Call** deadline: 1 Dec 2018, 12 CET
  Eligible applicants must complete an online application available via links on the Fulbright Commission’s website

- More info on the FNR website
International Cooperation

FNR Contacts

INTER & AFR bilateral

bi- or multilateral agreements to foster international collaboration

- multiple calls

INTER MOBILITY

to promote the exchange between research groups in Luxembourg and leading research groups abroad

- 2 calls year (deadlines: January and June)

Helena BURG
Head of International Relations

Florencia Balbastro
Programme Manager
• Information on open calls are published on the FNR website
  www.fnr.lu/internation-cooperation-opportunities/

• Each collaboration has its own requirements, specificities and deadlines

• Selection process is similar in all funding schemes:
  Submission → Eligibility check → Peer review → Funding decision
• Choice of country to submit (in case the lead can be either in Luxembourg or abroad)
  ⇒ based on research effort (in Person months), not on budget

• Project “balance”
  ⇒ Depending on the national call rules
  ⇒ Consortium should be the “best” to address the research questions (complementary expertise)
  ⇒ If submitted abroad, research effort should be higher there

• “specific requests” by agency abroad, e.g. Data Management Plan
  ⇒ All partners of the consortium have to fulfil such requirements!
• Eligible costs / eligibility
  ⇒ General FNR eligibility and budget rules apply
  ⇒ BUT: Align with the rules of the evaluating agency! (eg if PhD funding isn’t supported by the lead-agency partner, don’t apply for a PhD in Luxembourg, although it would be eligible)

• Consortium Agreement & IPR
  ⇒ A fully fledged agreement is not always necessary, but recommended (see guidelines)

• Trilateral projects
  ⇒ Possible, if all funding agencies agree to in advance
  ⇒ Future development: extend “lead-agency agreement” to a “multi-agency agreement”
FNR INTER Funding Possibilities -
General Process and Key take-away messages

- A variety of funding opportunities for different types of beneficiaries
- Use them strategically
- FNR appreciates to give advice
- Keep yourself updated by registering to FNR info on our website
- Consult the FNR websites www.fnr.lu and the www.science.lu
Dr. Helena Burg
helena.burg@fnr.lu
Head of International Relations
• INTER Programme
• AFR bilateral; PRIMA
• AFR Contact for Materials, Engineering, Physics

Josiane Staus
josiane.staus@fnr.lu
Administrative Assistant
• INTER - bilateral

Sandra Nittel
sandra.nittel@fnr.lu
Administrative Assistant
• INTER - multilateral