EU-LIFE

Building and promoting excellence in the life sciences in Europe

FAPESP/EU-LIFE SYMPOSIUM ON CANCER GENOMICS, INFLAMMATION & IMMUNITY

7-9 June 2016

Geert Van Minnebruggen, PhD, VIB
France
The Netherlands
The UK
Germany
Austria
Spain
Belgium
Finland
Portugal
Czech Republic
Switzerland
Denmark
Italy

544 Researcher Groups | 7200 Scientists | 130 Core Facilities
Founding member | chair 2014 - 2015

Chair 2016 - 2017

Co-chair 2016 - 2017
AT THE FOREFRONT OF LIFE SCIENCES
LEIDEN RANKING: EU-LIFE DATASET

- Most recent Leiden Ranking 2015: papers 2010-2013
- Limited to Biomed & health field
- Focus on qualitative indicators, not quantitative: size independent
  - MNCS: mean normalized citation score
  - PP10%: % papers belonging to 10% most cited papers in the field

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VISION AND STRATEGY
EU-LIFE partners believe that by joining forces they can better address complex questions in research, training and research management, thereby contributing to pushing European science forward.
ORGANIZATION

BOARD OF DIRECTORS
13 Partners’ Directors
Chair and Co-Chair

EU-LIFE COORDINATOR

STRATEGY GROUP

WORKING GROUPS
• **Advocating** for excellence in research

• Promoting **integration** among European research institutes

• Attracting and integrating **international talents**, and to favor **mobility** within Europe

• **Developing and sharing best practice** in research, tech transfer, research management, HR and training

• Contributing to European and International **science policy** key documents

• **Be a voice for research institutes** in Europe
ACTIONS

MOBILITY & INTERNATIONALITY
• Online tools
• Funding opportunities
• Research groups
• Core Facilities

TRANSDICIPLINARY PROJECTS
• Gender equality
• Science and society
• Scientific collaborations

EVENTS & CONFERENCES
• Annual scientific workshops
• Technology transfer
• Brazil-EU-LIFE 2016

POLICY AGENDA & TEAM UP W/ SHO
• R&I in global policy
• H2020 | FP9
• Animal use for research
• ERA | Open Science

POSITION PAPERS & MONITORING
• EU-LIFE Indicators
• Key elements research
• Translational research
• The storage challenge
EU-LIFE STRATEGY

3 PRIORITY AREAS

- Establishing EU-LIFE Brand & Building Competence
- Influencing European Science Policy
- Engaging the Scientific Community
KEY ACHIEVEMENTS

2015/16
HIGHLIGHTS

- Establishing EU-LIFE brand & building competence
- Influencing European science policy
- Engaging the scientific community
2015: CONSOLIDATION OF A LIVE NETWORK

2015

OEIRAS
OCT 2014

COPENHAGEN
MAY 2015

BASEL
NOV 2015

EVENTS

REGULAR

COLLABORATIONS

EMAIL | PHONE CALLS | TELECONFERENCES | LinkedIn | VISITS
BUILDING COMPETENCE

✓ EU-LIFE as a community of practice

✓ BENCHMARKING: EU-LIFE indicators

✓ Paper “Key Elements of Excellence in Research”

✓ Paper “Stimulating translational research: several European life science institutions put their heads together”
  Trends in Molecular Medicine, 2015

✓ Workshops:
  • Tech Transfer “Starting-up a company: alternative compensation for in-kind contribution”, London, Sept 2015
  • Institutional Strategies to Communicate Animal Research, Cambridge, Feb 2016
GENDER BALANCE IN RESEARCH

LIBRA

Leading innovative measures to achieve gender balance in research activities.
3 PRIORITY AREAS

ESTABLISHING EU-LIFE BRAND & BUILDING COMPETENCE

INFLUENCING EUROPEAN SCIENCE POLICY

ENGAGING THE SCIENTIFIC COMMUNITY
EU-LIFE coordinated approach

taking advantage of

**specific contacts** at NATIONAL / INSTITUTE level

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**E. COMMISSION**
- Commissioner’s cabinet
- DG RTD units & Platforms
- H2020 Boards

**E. PARLIAMENT**
- ITRE commission
- BUDGET commission
- Political Groups

**E. COUNCIL**
- National Ministries:
  - FINANCES
  - Science & Education
  - Economy
Main problems:
- Boost innovation?
- Cuts in H2020 funding
- Funds for science can be deviated
- Non discussed / non tested mechanism

EU-LIFE

Press Release
- 17th FEB
  - International press
  - National press

Meeting European Parliament
- 18th MAR

Open Statement

Open Letters
- 32 MePs
- 6 E Council
- 2 E Commission

MS level contacts
Stakeholders @ EC

**ERA**
ERA SHO Platform
Organizations | Nominated by EC
5+3 members

**Open Science**
Open Science Platform (OSP)
20-30 organizations | Nominated by EC

8 W.G.
10 Experts each | Nominated by EC
- Science Cloud
- Altmetrics
- Open Data
- Business models in publishing
- Rewards (career and OS)
- Research Integrity
- Education & Skills
- Citizen Science

**ERC**
Scientific Council
Experts | Nominated by EC

**H2020**

**Strategic Committees**
1 / Pillar | Individuals nominated by MS

**Thematic Committees**
1 / Pillar | Individuals nominated by MS

> 20 Advisory Groups
24 Experts each + some organizations | Nominated by EC | New groups will appear

- The Marie Skłodowska-Curie actions on skills, training and career development
- Future and Emerging Technologies (FET)
- Spreading excellence and widening participation
- European research infrastructures (…)
- Science with and for Society
- Gender
- International cooperation
EU-LIFE @ ERA STAKEHOLDER PLATFORM – SINCE NOV 2015

EU-LIFE @ OPEN SCIENCE PLATFORM – SINCE MAY 2016

✔ Topics: 3Os, European Research Area, H2020 and beyond, Open Science, Open Access, Data Regulations, EIC, Council meetings - info

At the meetings members from:
European Parliament
DG Research
DG Connect, etc.

+ Current SHO:
LERU, SCIENCE EUROPE, EUA, EARTO, CESEAR, ERRIN, EIRMA
EU-LIFE, eventually Science Business
CONCRETE ACTIONS

4 EU-LIFE POSITION PAPERS AND POLICY DOCUMENTS

✓ Key elements of excellence in research
✓ On the concept of the European Innovation Council
✓ Implementation of H2020 *(work in progress)*
✓ The next horizon (FP9) *(work in progress)*
✓ 4DNucleome – Consultation on topics for H2020 FET Flagship 2018

✓ 514 subscribers (31st May)

✓ Supporters from around the world
EU-LIFE STRATEGY

3 PRIORITY AREAS

- Establishing EU-LIFE Brand & Building Competence
- Influencing European Science Policy
- Engaging the Scientific Community
SCIENTIFIC OPPORTUNITIES

WWW. EU-LIFE. EU

- Funding
- Jobs

Postdoc and Young GL focus - Expanding in future

RSS feed type – broad span
2016 SCIENTIFIC MEETINGS

3rd EU-LIFE Scientific Workshop
Inflammation & Immunity in Health & Disease
61 Participants
13 EU-LIFE institutes

1st EU-LIFE PhD Course
Tumor Microenvironment and Metastasis
16 EU-LIFE Participants
Joint organization BRIC and FMI

EU-LIFE FAPESP Symposium, S. Paulo, Brazil
Cancer Genomics, Inflammation & Immunity
14 PIs + 1 PostDoc from 8 EU-LIFE institutes
✓ EU-LIFE exchange training programme (signature courses)

✓ EU-LIFE Annual PhD Course (started 2016)

✓ EU-LIFE “slots”: Access to the training programs of the 13 institutes in a tailor-suited manner

✓ Support to the next career move within EU-LIFE
  EU-LIFE Ambassadors to share experiences, seminar sessions

✓ Mentoring post docs and young PIs: internal paper with best practice shared among institutes

✓ Technical support to grants and funding application – access to tools & knowledge from the 13 grants offices (e.g. smes list, tips for MSCA or other grants applications)
Apply for MSCA fellowship and join our leading EU-Life research groups at the heart of Europe

Follow your passion and develop a project in one of our EU research groups
Integrate the newest life science technologies
Expand your skills through extensive training programmes
Join a European-wide network of excellence in Life sciences

WANT TO ACCELERATE YOUR CAREER?
Apply for a postdoc fellowship@EU-life

EU-life is an alliance of 13 top research centres in life sciences to support and strengthen European research excellence. Partners in EU-LIFE are renowned research centres that operate with strict principles of excellence, external review, independence, competitiveness and internationality.

The alliance spans 56 excellence research groups with scientists from all corners of the world. EU-LIFE centres are involved in many research fields such as cancer, neurobiology, developmental biology, genetics and epigenetics, immunology, inflammation, plant biotechnology and systems biology.

EU-LIFE institutes have a high success rate in obtaining international grants. With over 100 running ERC projects and an average of 60 running postdoc fellowships in highly competitive schemes such as MSCA, IEF and RFSH, the EU-LIFE network offers the ideal environment to accelerate your career and join the European wide network of centres of excellence in life sciences.

To do so, go to EU-LIFE recruitment portal.

Contact an experienced grant manager at the EU-LIFE institutes to support you with all aspects of your application.

www.eu-life.eu
THE WAY FORWARD
EU-LIFE STRATEGY

3 PRIORITY AREAS

- ESTABLISHING EU-LIFE BRAND & BUILDING COMPETENCE
- INFLUENCING EUROPEAN SCIENCE POLICY
- ENGAGING THE SCIENTIFIC COMMUNITY
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SCIENCE @ EU-LIFE
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EU-LIFE’S GRAND CHALLENGES

FOOD & SUSTAINABILITY

CANCER

IMMUNITY & INFECTION

NEUROLOGICAL DISORDERS

HEALTHY AGING

- Cell & Dev Biology
- Computational Biology
- Synthetic Biology
- Epigenetics
- Proteomics
- Bioinformatics
- Plant Sciences
- Molecular Medicine
- Advanced Nanotechnologies
- Quantitative Biology
- Metabolic Diseases
- Inflammation
- Cancer
- Immunity
- Infection
- Neurological Disorders
- Evolutionary Biology
BUILDING BRIDGES FOR THE FUTURE
Spur scientific collaborations
EU-LIFE / S. Paulo Research Groups

Building talent & exchange
Msc, PhDs, Post Docs, GL
www.eu-life.eu

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