

ELIXIR UK

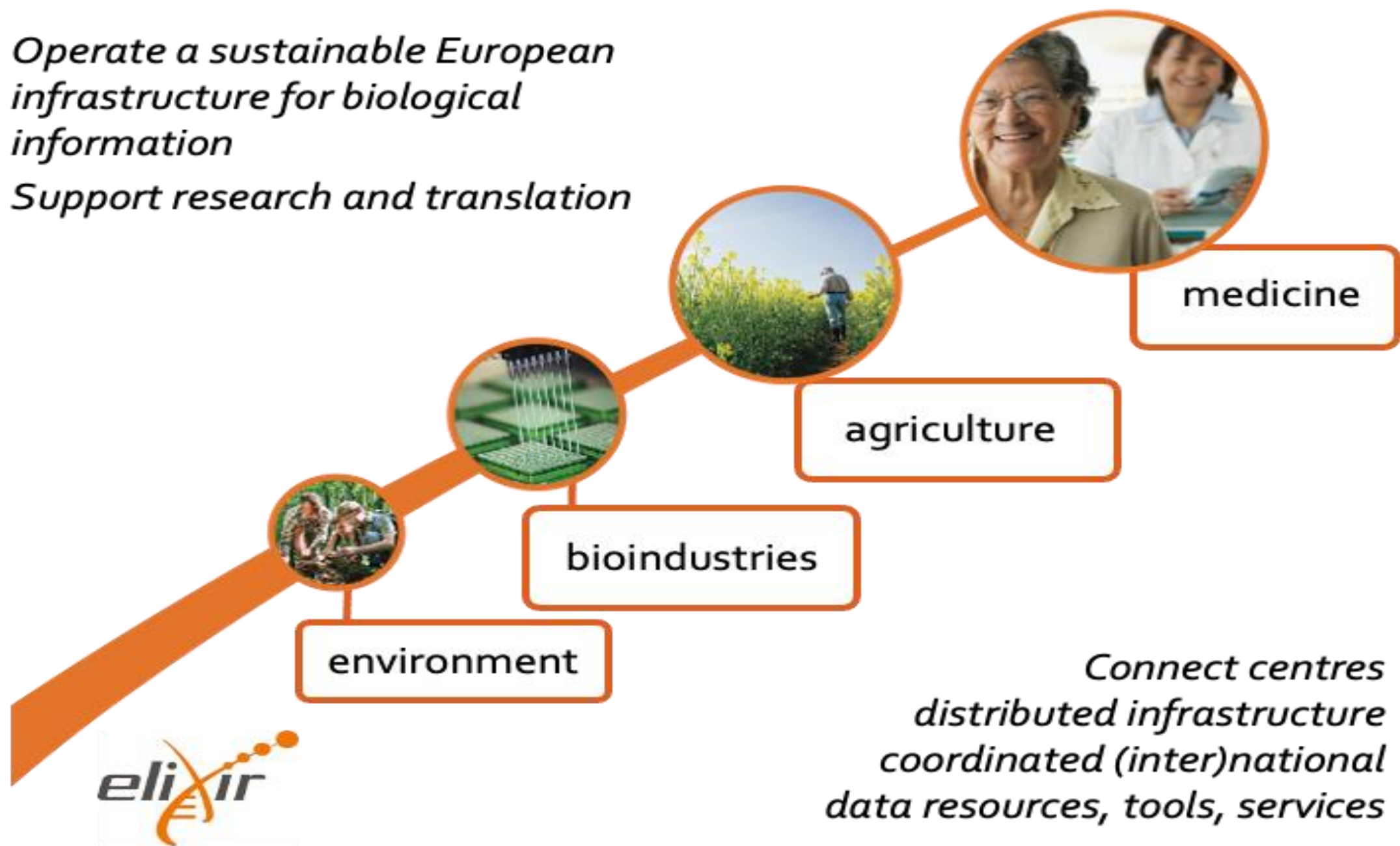


Professor Neil Hall

Joint Head of Elixir UK, Director of the
Earlham Institute

Operate a sustainable European infrastructure for biological information

Support research and translation



*Connect centres
distributed infrastructure
coordinated (inter)national
data resources, tools, services*





ELIXIR is an inter-governmental organisation which brings together existing [bioinformatics](#) resources. It is coordinated by the ELIXIR Hub, based in hinxton



ELIXIR UK – A Consortium of 19 Organisations

Cardiff University, **Earlham Institute**, Edinburgh Genomics, Heriot Watt University, Imperial College London, Newcastle University, Rothamsted Research, The University of Birmingham, The University of Liverpool, **The University of Manchester**, The University of Nottingham, University of Bradford, University College London, University of Cambridge, University of Dundee, University of Edinburgh, University of Leicester, University of Oxford. UEA have been accepted to join.



Node Services



Fairdom



FairShairing



Hugo Gene nomenclature committee



PomBase



CATH-gene 3D



InterMine



isaTools



University of Cambridge
Bioinformatics training



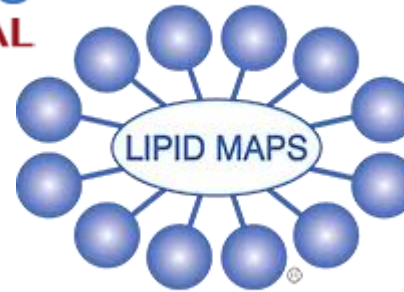
University of Birmingham
Matabolomics Trianing



Edinburgh genomics
Training



Gwas Central



Lipid Maps



Jalview



The IUPHAR/BPS Guide to Pharmacology



DRASP: Dundee Resource for
Sequence Analysis and
Structure Prediction



Ensembl farmed
and domestic
animals



TeSS



Phi-Base



PsiPred



Phyre2



ELIXIR-UK Health Data Activities 2020



ELIXIR Health Data Focus Group lead (Tim Beck)

- Data discovery within EJP-RD
- RD-NEXUS platform devised and available for European Reference Networks
- Development of GA4GH Beacon API v2
- Explore collaborative Beacon opportunities with international partners including Infrafrontier, Matchmaker Exchange and Illumina CaseLog
- National engagement
 - HDR UK
 - UK Health Data Research Alliance
 - Jisc NHS-HE Forum



UK RDM Experts network

- Build/design/review work from the working group (training, guidance) across communities or data types
- Expert point of contact to contribute within their field of expertise
- Part of a pan-European experts network, under umbrella of ELIXIR



Monthly meet-up

- Current ELIXIR, national and international DM projects and strategies
- Develop Data Stewardship Wizard
- UK contributions to RDM kit
- Develop content for on-going projects. **eg. Data stewardship fellowships**

Sign up <https://elixiruknode.org/elixir-uk-data-management/>



ELIXIR-UK Training

New Training Coordinators

Training Working Group

- Launched in October 2020:
 - focus on training activities / materials covering the following topics, but not limited to: High Performance & Cloud Computing, Galaxy, Data Management, FAIRsharing and TeSS
 - actively search and engage in funding opportunities
 - promote diversity and inclusivity of training activities, in particular ensuring that all UK membership organisations have training support
- Regular meetings. <https://elixiruknode.org/elixir-uk-training/> sign up



Krzysztof Poterlowicz
Bradford



Ralf Weber
Birmingham

UKRI Funded Training in Research Data Management

- Innovation Scholars: Data Science Training in Health and Bioscience
- Partnering with Software Sustainability Institute



ELIXIR-UK and FAIR

UK Led: Peter McQuilto (Oxford)

FAIRsharing.org
standards, databases, policies

FAIRassist.org

Help you discover resources to measure and improve FAIRness

UK Led: Philippe Rocca-Serra (Oxford)

FAIRcookbook

<https://fairplus.github.io/cookbook-dev/intro>

FAIRplus



Contributors: Manchester, Heriot-Watt, Imperial College

Numerous talks, workshops, publications & policy



EMBL-EBI

B4BB
BIOINFORMATICS
FOR BUSINESS

CATAPULT
Medicines Discovery



Please take our survey

- For future plans for FAIR data services for Life sciences we are collecting input on community needs.
- tinyurl.com/fairdata-survey



Research data practices in the UK biosciences: Community Survey

**Research data practices in the UK biosciences
Community survey**

The members of the [ELIXIR-UK node](#), through funding from UK Research and Innovation (UKRI), have commissioned the [Technopolis Group](#) to carry out a feasibility study for developing a support infrastructure for life science data management in the UK. This new initiative, called BioFAIR, aims to respond to the need for enhanced skills and practices of data intensive biosciences and act as a knowledge and data broker for the UK life sciences community.

A central part of the feasibility study is to gather the views of members of the UK life science research community who work on data regardless of their current knowledge around data management. This will help us to understand the state of FAIR* research data management practices in the research community, and to identify and validate several design options for BioFAIR. The survey should take about 25 minutes to complete. We hope that you will be able to assist the study team and share your experience, which would be extremely valuable in shaping the future of BioFAIR.

* FAIR is the name of a set of guiding principles that were developed for 'good' scientific data management in 2016. These principles intend to help to improve the Findability, Accessibility, Interoperability, and Reuse of research data and related digital assets. Once these principles are implemented, individual researchers and machines can reuse valuable data generated in scientific research.

Please note that none of the questions in this survey are mandatory and you are able to withdraw at any time. All individual answers and comments will be treated in strict confidence and will be used by Technopolis for the sole purpose of the BioFAIR feasibility study. The findings will be published as a report and will present results in aggregate form only, responses will not be attributable to you or your organisation.

Thank you for taking the time to complete the survey – your participation is extremely important to inform the study. The survey will remain open until 12 April 2021.

If you have any further questions about the study, please contact the Technopolis project manager Dr Peter Vamsi by emailing BioFAIR-study@technopolis-group.com.

