EATRIS:
A Distributed Research Infrastructure
2013-2023

M Laura Garcia Bermejo & David Velasco
National Director & National Coordinator, EATRIS Spain (EATRIS ES)
Our mission: Accelerate the translation of research discoveries into patient benefit

We support, using our capacities and expertise, academia, industry, patients and policy makers.

EATRIS acts as facilitator for the development and adoption of Personalised Medicine in Europe and globally.
EATRIS_Spain: advances and perspectives

EATRIS countries
Bulgaria, Croatia, Czech Republic, Finland, France, Italy, Latvia, Luxembourg, Netherlands, Norway, Portugal, Slovenia, Spain, Sweden

150 Research Institutes

5 Scientific Platforms
- ATMPs
- Biomarkers
- Imaging & Tracing
- Small Molecules
- Vaccine, inflammation and immune monitoring

Legal status
Non-profit, ERIC legal status

Examples of key actions
Standardisation, Harmonisation and Integration of Multimodal Biomarkers: Multi-omics Toolbox

WP1: Multi-omics technologies (Czech Rep).
- Whole Genome Segregation: BRNO, CZ
- Epigenetic modifications: OVH, CZ
- Metabolomic analysis: UH, NL
- Protein analysis: UH, NL
- Transcriptome RNA: TNO, NL
- MicroRNA sequencing: FIMM/UH, FI
- MicroRNA qRT-PCR: IRYCIS, ES

WP2: Data Stewardship & Integration (The Netherlands).
- Whole Genome Sequencing, IMTM/UP, CZ
- Epigenetic modifications, DNA
- Metabolomic analysis, UU, SE
- Proteome analysis, IMTM/UP, CZ
- Transcriptome RNA, TNO, NL
- MicroRNA sequencing, FIMM/UH, FI
- MicroRNA qRT-PCR, IRYCIS, ES

WP3: Quality Assessment (Finland).
- Search by Omics Technologies
  - Genomics, Epigenetics, Transcriptomics, Proteomics, Metabolomics

Multi-Omic Toolbox
- An open access resource, containing:
  - SOPs
  - Guidelines for best practices
  - Reference materials
  - Quality parameters
  - Data analysis tools
  - Criteria for evaluation values
  - Troubleshooting guidelines
  - Repository of multi-omic data

Quality Assessment
- Genomics, Epigenetics, and Metabolomics
- Data Analysis
- Partners & funders
- EATRIS

Keywords: Multi-Omic Toolbox, Data Stewardship, Quality Assessment, EATRIS
EATRIS commitment to accelerate patient engagement in research: Resource Center

Support Patient Education

Train Researchers on Meaningful Patient Engagement

Co-create Research with Patients

Explore resources to help you engage patients in your research:
patient-engagement.eu
EATRIS-Spain: National Node structure & strategy
EATRIS ES - Governance

Governor
Pilar Gayoso (ISCIII)

Scientific committee
Estefanía Carrasco (Biodonostia)
Julia G Prado (IGTP)
Inmaculada Ibáñez (IDIPAZ)
Agustín Lahoz (IIS LA FE)
Pablo Mir (IBIS)
Federico Rojo (IIS-FJD)

National Director
Laura García Bermejo (IRYCIS)

National coordinator
David Velasco (ISCIII)

Platform chairs
Julia G Prado (IGTP)
Laura García Bermejo (IRYCIS)
María José Alonso (IDIS)
Miguel Chillón (VHIR)
Lluís Martí Bonmatí (IIS LA FE)

EATRIS institutes
Health Research Institutes (IIS) 32/35

EATRIS ES National Platforms

Biomarkers Platform
Biomarkers Platf. Coord.

Vaccines Platform
Vaccines Platf. Coord.

Tracer & Imaging Platform
I&T Platf. Coord.

ATMP’s Platform
ATMP Platf. Coord.

Small Molecules Platform
Small Molecules Platf. Coord.
EATRIS ES: Health Research Institutes

Strengthen Spanish HRI Alliance
EATRIS Institutes in National Mirror Platforms

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<th>Platform</th>
<th>Institute</th>
<th>Name</th>
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<td>SMALL MOLECULES</td>
<td>Maria José Alonso</td>
<td>IDIS</td>
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<tr>
<td>VACCINES, INFLAMMATION AND IMMUNE MONITORING</td>
<td>Julia G Prado</td>
<td>IGTP</td>
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- EATRIS ES community building around the 5 platforms
- Driving internationalization of Health research Institutes (HRI Alliance)
- Better alignment between EATRIS ES and EATRIS ERIC research priorities and agendas
- Identification of EATRIS ES singularities/add value
Spain HRIs in EATRIS Flagship initiatives

- **EU-PEARL**: EU Patient-Centric Clinical Trial Platforms
- **IGTP, IDIPAZ, VHIR**: IIS Aragón, IDIS, VHIR, IIS LA FE, IDIVAL, IGTP
- **IIS La Fe**: IRYCIS, VHIR
- **new Applications**: IHI, ATMPs, INFRADEV, HTH Topics
Training New Generations in Personalized Medicine

**Tentative Agenda**

**BM-VIIM workshop, June 28th**

- **08.00 - 08.30**: Welcome from EATRIS
  - Welcome from EATRIS
  - Welcome from the EATRIS Platform chairs
  - Laura Bermejo, Alain van Goor, Jan Langeman

- **09.20 - 10.00**: Round table - Umeset medical needs and the pan-European perspective - Discussion between clinicians and patient representatives
  - Maria Van Rijmenen (Elle) Liudmila Ivanova
  - Juliane Pardo (GIPOT)

- **11.30 - 12.10**: Introduction to the COST Action call
  - Emmanouela Lekakou

- **13.30 - 14.10**: Pitch 1 - Perspectives on lung cancer from the translational medicine arm of the COST Action project
  - Rebecca Cox, Nina Langeland (Copenhagen)

- **14.30 - 15.10**: Pitch 2 - Molecular phenotyping of the pulmonary post-acute sequelae in critical COVID-19
  - Marcelo de la Riva de la Llave, Fidjela Fideco (University of Valladolid)

- **15.30 - 16.10**: Pitch 3 - Genetic risk factors for long COVID
  - Laura Viola (Finam)

**EATRIS-Plus Summer School in Personalised Medicine**

- **23-26 May 2022**
- **17-20 April 2023**

**EATRIS**

- **About**
- **Services**
- **Projects**
- **Platforms**
- **News**
- **Events**
- **Resources**
- **Contact**

**5-day workshops**
- Recorded Webinars Series
- Self-paced Online Course (75h)

**Accreditation**
- Open Badges & ECTS

**Key Facts**
- EATRIS research platform for personalized medicine
- Brain Imaging of Europe (BICE)
- Translation of Medical Innovations in Europe (TAMIE)

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EATRIS ES Strategic Plan 2023-2026

Governor & National Direction & National Coordinator & Scientific Committee

PLAN ESTRATÉGICO DE LA SUBDIRECCIÓN GENERAL DE PROGRAMAS INTERNACIONALES DE INVESTIGACIÓN Y RELACIONES INSTITUCIONALES DEL ISCIII 2022-2027

UNIDAD DE APOYO A DIRECCIÓN
Contacts:

David Velasco, NC: d.velasco@iscii.es

M Laura García-Bermejo, ND:
garciabermejo@gmail.com/direccion.irycis@salud.madrid.org

EATRIS
@EatrisEric
www.eatris.eu
Translational Trends