eatris

European infrastructure
for translational medicine

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FAST TRACK TO CLINICAL PROOF OF CONCEPT

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TAILORED SOLUTIONS FOR EFFECTIVE COLLABORATION

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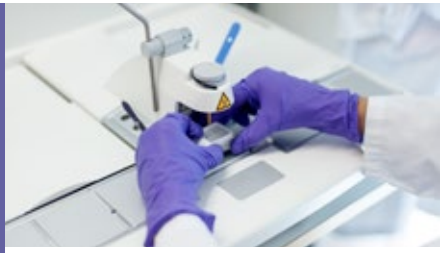

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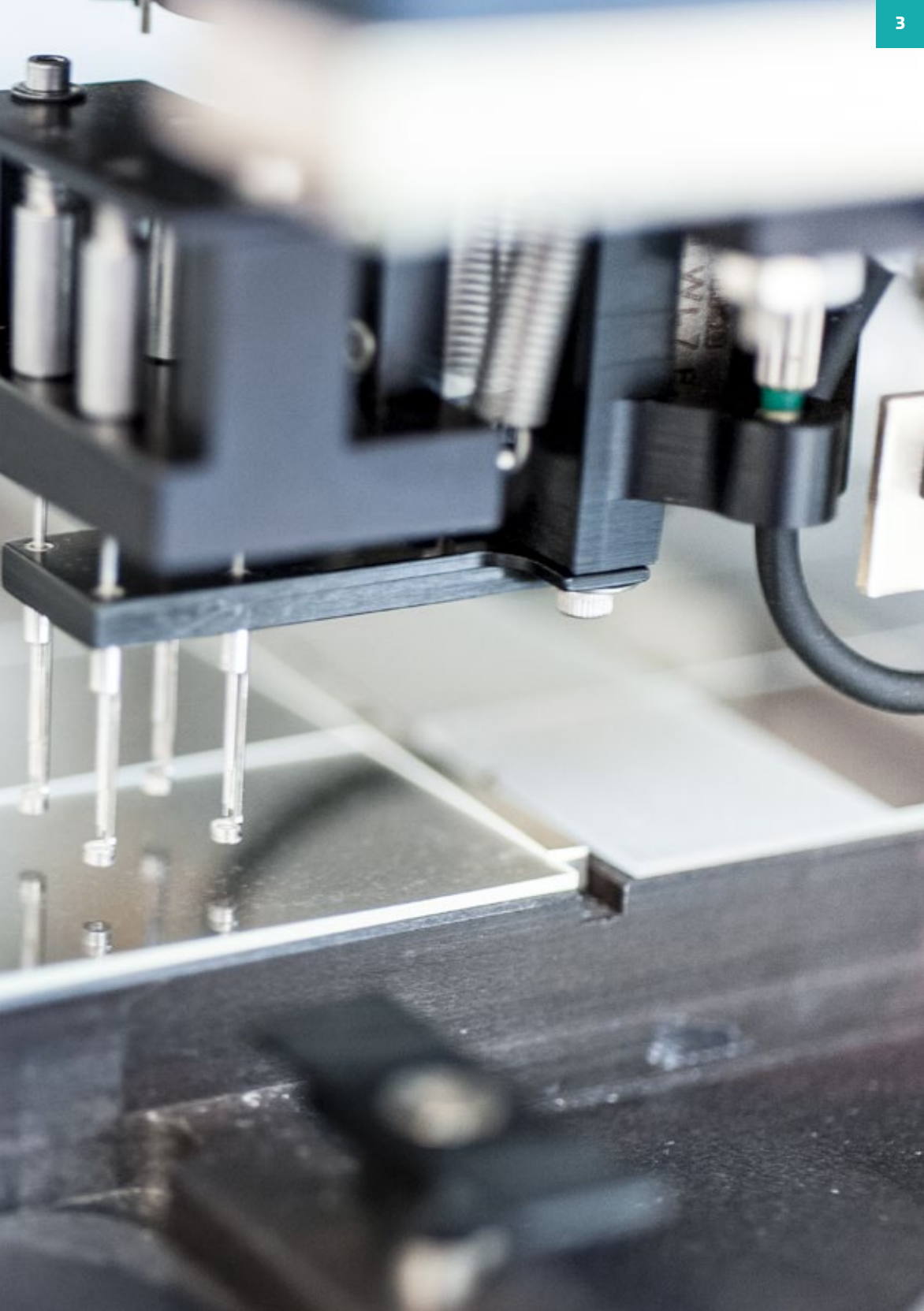
CHALLENGES

Translational medicine combines biological insight, sophisticated analytical techniques and clinical expertise to develop novel interventions. This requires involvement of scientists, both from the academic and the industrial world. While the mindset and scope of scientists in academia and industry may differ, they do share a common goal: bringing innovations to patients.

Most innovations follow the same pathway. Academic findings are recognized as being valuable for patients and turned into Intellectual Property (IP). This IP is then developed into a tangible product and marketed as such. Of course, we all know it is not as simple as this. Many hurdles need to be overcome before an innovative idea eventually reaches a patient. While some of these hurdles may be financial and organisational, a lot of them are of a technical nature. Too many products fail in Phase 2, indicating predictivity of preclinical proof. Other products fail because the target population has not been defined properly.

EATRIS aims to provide solutions to known challenges in the field of translational medicine, and to empower collaboration between academic translational researchers and their industry counterparts.



SOLUTIONS

The complexity of the challenges in Translational Medicine suggest that real world solutions can only arise from collaboration. Only by accessing the latest analytical techniques, clinical resources and biological expertise can we develop tomorrow's drugs and diagnostics. Whatever situation you have to deal with, others have experienced similar situations and may already have the solution at hand. It all comes down to finding the right expert at the right time. In short: collaboration is the cornerstone of innovation.

This is especially true at EATRIS. We brought together Europe's best in academic translational medicine and created an infrastructure focused on providing solutions in four key areas:

- **Providing access to the academic technologies and expertise (matchmaking);**
- **Assessment of research proposals for translational component (EATRIS Inside)**
- **Regulatory guidance**
- **Education and Training**

The EATRIS infrastructure has proven to be a valuable factor in the realm of translational research. There is only one way to find out how this may impact you and your team: get in touch and share your challenges with us. Meanwhile, let us introduce you in more detail to our solutions on the next pages.

MATCHMAKING: ACCESS TO EXPERTISE AND TECHNOLOGY

Development of novel findings into meaningful products is not an easy task and requires many disciplines. It can be challenging to define the next steps and to identify trustworthy partners to support these next steps. In many cases, involving the right expert at the right time can save time and money. But how do you select your collaborators? Where do you find the expertise you require at a specific point in time?

Regardless of the complexity of the research question, we can find the partners you need to be able to answer these questions. With our one-stop matchmaking process, the facilities and expertise of more than 80 top-notch medical research facilities is at your fingertips. If your study questions are already well defined, we will quickly source the best partners. Should you need support in creating the study plan first, our Key Opinion Leaders (KOLs) are available to help prior to matchmaking.

Contact

Don't hesitate to contact us at no risk. We offer our matchmaking services on a no-cure-no-pay basis; if we can't help you, we won't charge you. And we will guide you through the entire process, from project exploration to the moment you reach an agreement with our institutes.

Testimonial
UCB

"We engaged with EATRIS to support our experimental medicines activities by exploring the use of novel technologies outside the scope of our internal capabilities and knowledge, with the aim of enhancing the predictive value of proof-of-concept clinical studies.

Thanks to the support of the EATRIS team, we were able to identify leading experts within the EATRIS network. We collaborated with these experts to develop a plan for this highly technically challenging project, which will be executed in a multisite setting and which leverages each team's specific expertise towards a common goal."

Jay Tibbitts
Senior Director,
UCB Strategy Group

Testimonial
ONCODESIGN

"At Oncodesign, we apply a 'Probe based Drug Discovery Process' which starts from our proprietary Nanocyclix® medicinal chemical platform which generates small macrocycles with outstanding selectivity and potency against unexplored kinases. It led us to recently identify inhibitors of a kinase regulating tau phosphorylation. Tau protein is involved in neurological diseases like Alzheimer's Disease (AD), a scientific field in which we have limited expertise.

Thus, we turned to EATRIS for support. EATRIS brought us into contact with Professor Philip Scheltens, one of the leading clinical experts in AD, who helped us understand the clinical relevance of our project. EATRIS subsequently used its network in academic and private institutions to identify scientific experts with models relevant to our target; we are now closely collaborating with them.

The benefit of EATRIS lies in the fact that they provide access to a large infrastructure, and – as a consequence – can support the full development track, ranging from in vitro screening to clinical proof of concept studies. For each step, they can identify the right expert and centre. Moreover, we found the EATRIS staff to be extremely knowledgeable and professional.

The speed of the matchmaking and the scientific quality of the responses we received was beyond our expectations."

Josselin Caradec
Discovery Program Director
Oncodesign

REGULATORY GUIDANCE

Addressing regulatory issues is an integral part of biomedical development, and regulatory demands will only increase. The EATRIS regulatory service and support centre is available to help guide you through this complex world, especially for complex and hybrid products for which clear regulatory guidance may not be available. Highly sophisticated products including advanced therapy medicinal products (ATMP), nanotechnologies, emerging technologies or e-health are creating new entities which do not fit the current regulatory framework. Early assessment of the potential requirements may prevent unnecessary project delays, reduce extra costs and most importantly, prevent penalties resulting from non-adherence to legal requirements.

Through a combination of in-house and external partnerships with a range of regulatory experts and groups, EATRIS can provide regulatory support for most types of products. Our range of services include:

- **Expert opinion**
- **Orphan Drug Designation and Scientific Advice application at the European Medicines Agency (EMA)**
- **Pre-clinical and clinical plan development**
- **Informal scientific advice with selected national competent authorities, for highly complex projects**

In 2015, the number of new drugs approved by the FDA was 45, and 39 by EMA. In 2016 this figure has plummeted to 22, respectively 27*

*http://www.reuters.com/article/us-pharmaceuticals-approvals-idUSKBN14M08R

TRAINING AND DEVELOPMENT

As part of our mission to support the development of biomedical discoveries up to clinical proof of concept, EATRIS offers learning solutions targeted to the requirements of different audiences. Benefitting from our large network with KOLs in all areas relevant to translational medicine, we ensure the courses offer cutting edge insights.

Our courses are designed with a maximum of interaction between attendees and faculty so that attendees can immediately apply the new knowledge which supports lasting transfer into working practice.

www.eatris.eu/training

Example

ATMP professionals course
EATRIS designed an international 2 day workshop on ATMP development with the Ri.MED foundation in Palermo, Sicily. The workshop featured a rich and varied programme with eight keynote speakers from different stages of the ATMP development pipeline. It also included a panel discussion and informal networking opportunities.

This informative workshop was host to multiple stakeholders in the ATMP development pathway including small and medium-sized enterprises (SMEs), pharma, academics and a large number of students. An electronic audience response system actively involved the audience and contributed to a very stimulating and vibrant atmosphere. Both academia and biotech participants viewed this workshop as a successful educational tool for the challenging ATMP development pipeline (94% of respondents stated that the course would make a difference in the way they conduct their work).

94%

94% of respondents stated that the course would make a difference in the way they conduct their work.

PhD students course
Together with 5 partners, EATRIS has developed a course on 'Translational Research and Medicine Development', providing participants with the knowledge, philosophy and tools which are required to make a difference in translational medicine. The course consists of an introductory e-learning module followed by a 5 day face-to-face workshop. The e-learning module actively involves 30 students enrolled by different assignments, moderated by didactic and subject matter experts. The face-to-face course enhances the knowledge and includes interactive features such as a drug development board game and case studies. The course is intended for PhD students in the second half of their PhD as well as early postdocs who are involved in translational research. This course is part of the C-COMEND project.

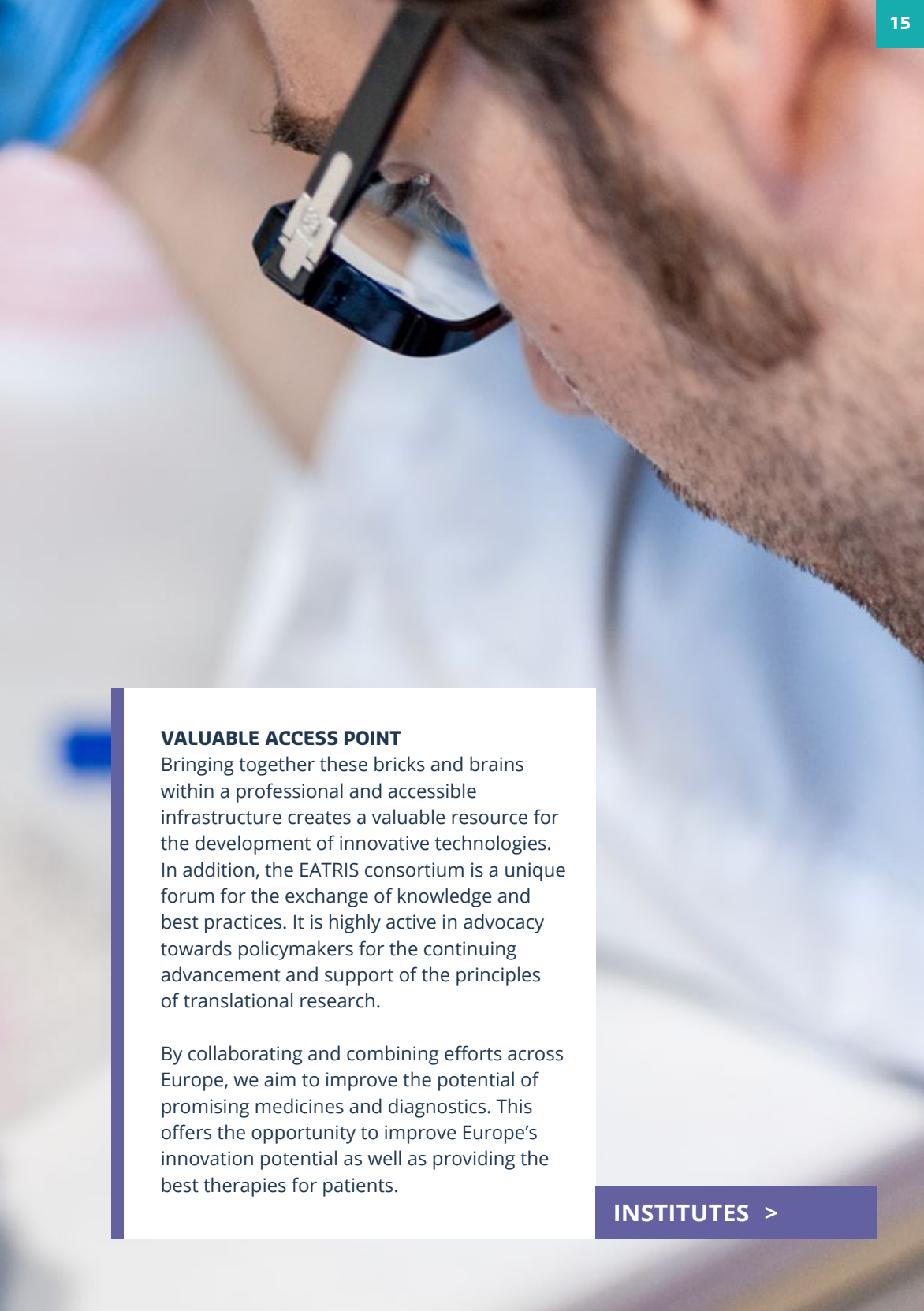
INFRASTRUCTURE

TRANSLATIONAL BRICKS AND BRAINS

The EATRIS infrastructure plays a fundamental role in the advancement of knowledge and technology in translational research and drug development. This distributed infrastructure, which comprises over 80 leading institutes and is still growing, constitutes a wide diversity of stakeholders who seek solutions to the many problems in the development of new therapies. The EATRIS infrastructure represents the bricks and brains of the scientific community in Europe which is focused on translational research. It consists of high-end facilities, resources, and expertise which is open to collaboration for your innovative drug or diagnostic development programme.

FROM POST DISCOVERY TO CLINICAL TRIALS

The EATRIS infrastructure provides unique one-stop shop access to the combined expertise and high-end technologies which are required to guide new products through the translational maze, from target validation to early clinical trials. By defragmenting access to key resources in Europe, clients have the whole gamut of research tools and guidance required for drug development at their fingertips.
This ranges from state-of-the-art scientific equipment, knowledge-based resources from sample collections to Good Manufacturing Practice (GMP) production and regulatory guidance in multiple European countries and specialised centres for clinical trials.



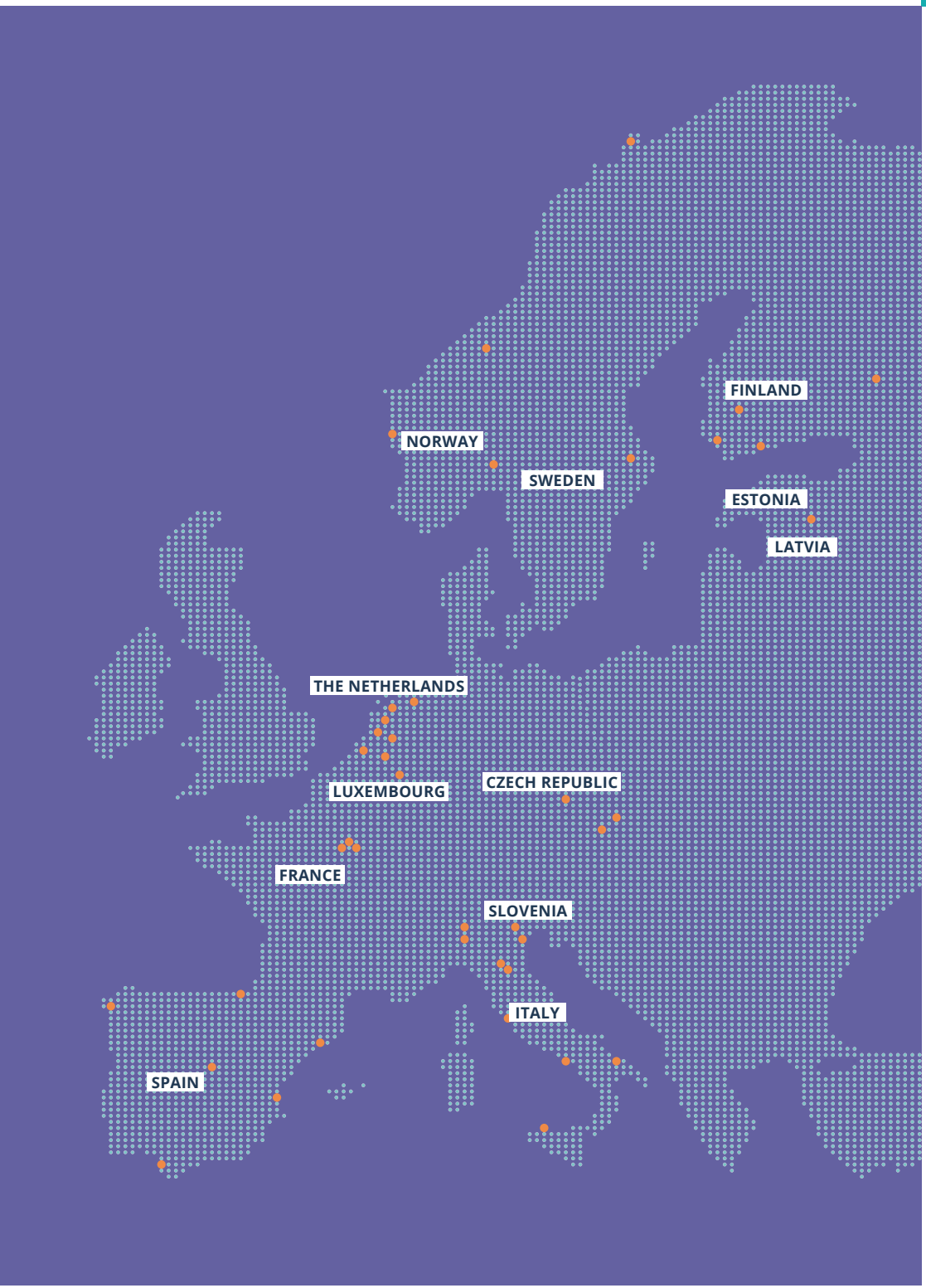
VALUABLE ACCESS POINT
Bringing together these bricks and brains within a professional and accessible infrastructure creates a valuable resource for the development of innovative technologies. In addition, the EATRIS consortium is a unique forum for the exchange of knowledge and best practices. It is highly active in advocacy towards policymakers for the continuing advancement and support of the principles of translational research.

By collaborating and combining efforts across Europe, we aim to improve the potential of promising medicines and diagnostics. This offers the opportunity to improve Europe's innovation potential as well as providing the best therapies for patients.

INSTITUTES >

80+ INSTITUTES

EATRIS comprises top academic institutes from European member countries with more than 220 million inhabitants.


FINLAND
NORWAY
SWEDEN
ESTONIA
LATVIA
THE NETHERLANDS
LUXEMBOURG
CZECH REPUBLIC
FRANCE
SLOVENIA
ITALY
SPAIN

ADVANCED THERAPIES

Supporting discovery to clinical proof of concept for novel ATMP.

Advanced Therapy Medicinal Products (ATMP) represents a new category of medicines with a wide therapeutic potential for treating different types of diseases such as cancer, neurodegenerative disorders and cardiovascular diseases. They include Gene Therapy Medicinal Products (GTMP), Cell Therapy Medicinal Products (CTMP), and Tissue Engineered Products (TEP). Clinical application of the two latter types is frequently referred to as 'Regenerative Medicine'.

The EATRIS ATMP platform offers over 33 state-of-the-art European centres covering the entire ATMP production and development pipeline. The platform provides the most qualified and state-of-the-art technologies for critical issues in this development area, such as specialised GMP facilities, imaging facilities for in vivo animal studies, availability of dedicated/tailored animal models, clinical expertise and access to patients for high prevalence and/or rare diseases, as well as clinical facilities.

"Gene and cell therapy is clearly booming thanks to the development of many new technological tools. Most European centres involved are represented in EATRIS, providing the best platform for successful development of ATMP"

Maria Cristina Galli, PhD

Chair ATMP Platform EATRIS, Senior Researcher, National Centre for Control and Evaluation of Medicines, Istituto Superiore Sanità (Italy)

Expertise

- KOLs in cell and gene therapy as well as in tissue engineering
- Interaction between clinicians and specialised scientists, biotechnologists, biostatisticians in close coordination with regulatory affairs experts and national authorities throughout ATMP development
- Experience in many disease areas ranging from oncology and neurodegenerative disorders to regenerative medicine

Target revalidation and pre-clinical development

- State-of-the-art genomics, proteomics platforms
- State-of-the-art vectorology, cell biotechnology
- Animal facilities up to BSL3 containment with a large range of animal models and species
- Pre-clinical imaging (µPET, µCT, µMRI, US, µSPECT, and optical imaging as well as hybrid systems) to revalidate the target
- Assessment of the regulatory requirements for future clinical development

GMP production of ATMP

- GMP pharmaceutical plants authorised by local competent authorities
- Production of a great variety of all types of ATMP for human use

Toxicology

- Evaluation of general safety and efficacy for the application in clinical studies
- Good Laboratory Practice (GLP) compliant facilities for toxicology in rodents, rabbits and pigs

Clinical development

- Local clinical trial centres covering Phase 1 and 2 clinical studies in close collaboration with university medical centres fostering interactions between clinicians and specialised scientists
- Support of the trial design and execution under Good Clinical Practice (GCP)
- Clinical imaging for image acquisition, analysis, integration and interpretation in various patient cohorts
- Data analysis centres to handle, process, integrate and store multimodality data

BIOMARKERS

Supporting drug development to development of diagnostics

The EATRIS biomarker platform fills the gap between biomarker discovery and commercial deployment of clinical diagnostics. The EATRIS biomarker platform comprises a large European network of technological, scientific, and clinical expertise as well as biobank access to develop validated biomarker assays for further industrial development.

Did you know that half of published biomedical research cannot be reproduced, not because of bad science but because of a lack of agreed quality standards in reagents, analytics and data sharing?*

*Freedman et al. The Economics of Reproducibility in Preclinical Research, Plos Biology 2015.

"Biomarkers in translational medicine: time for quality, not quantity"

Alain van Gool, PhD

Chair Biomarker Platform EATRIS, Professor Personalized Healthcare, Radboudumc (The Netherlands)

Biomarker services

- Access to biobank samples (e.g. tissues, cells, DNA, serum, plasma) for validation of drug targets and biomarkers
- Identification and validation of biomarkers for drug response
- Access to medical data & clinical experts
- Assay development & validation
- Testing and comparison of biomarker assays
- Patient-derived models for drug testing and biomarker research

EATRIS provides support in a wide variety of biomarker technologies

- Genomics, next-gen DNA/RNA sequencing, and bioinformatics
- Molecular pathology with qualified pathologists
- Antibody libraries, antibody engineering and immunoassay development
- Multiplexed immunoassays and immunostains of cells/tissues/TMAs
- Automated image analysis and web microscopy
- Lipids and lipoproteins
- Cytokines
- Microvesicles characterization
- Targeted mass spectrometry
- Multiparametric flow cytometry

EATRIS provides expertise across a wide variety of diseases, such as

- Oncology including solid tumours and hematological neoplasia
- Rare diseases
- Cardiovascular disease
- Neurology
- Infections and inflammation

IMAGING & TRACING

High-end infrastructure for advanced translational and molecular imaging to support drug development

The EATRIS Imaging & Tracing Platform provides a single point of entry to high-end expertise and cutting-edge translational imaging facilities, making optimal use of resources to improve Research & Development (R&D) output.

With over 35 institutions, the Imaging & Tracing platform covers the entire scope of tracer development and molecular imaging as well as offering multi-centre clinical trial capabilities with validated imaging-based biomarkers. Disease-specific tracers, contrast agents and radiolabeled drugs (manufactured to GMP guidelines in certified labs) can be tested pre-clinically and clinically in combination with a full range of high-end multi-modal imaging techniques (PET/MRI, PET/CT, SPECT, ultra high field MRI, MRS, ultrasound or optical) and advanced image analysis.

Visualisation and quantification of disease targets and therapy responses help to understand disease mechanisms and therapeutic efficacy; they enhance the prediction of the efficacy of new drug compounds to derisk projects at an early stage. Dose finding studies can be completed faster and with fewer volunteers in Phase 1, allowing early elimination of dead-end compounds and reducing development times.

"Translational Molecular Imaging is a pivotal tool in drug development which can monitor target engagement non-invasively and enables accurate dose selection in patients"

Albert D. Windhorst, PhD

Co-chair Imaging & Tracing Platform EATRIS, Chair Radiopharmaceutical Chemistry, VU University Medical Center (The Netherlands)

Infrastructure and expertise

- High-end radionuclide production and imaging facilities
- Access to over 75 tracers for pre-clinical and clinical PET imaging (GMP compliant production and clinical development of novel tracers)
- Ultra-high field clinical imaging for visualisation and quantification of tissues, drugs and therapy responses with various imaging modalities (PET/MRI, PET/CT, US and optical)
- KOLs in nuclear medicine, radiology, medical physics, radiopharmaceutical chemistry, in vivo pharmacology and kinetic modelling
- Radionuclide and tracer production facilities where frequently used radionuclides are available (e.g. ^{11}C, ^{13}N, ^{15}O, ^{18}F, ^{68}Ga, ^{89}Zr, ^{90}Y, ^{99}mTc, ^{111}I, ^{123}I, ^{124}I, ^{131}I)
- Dedicated hot cells and automated manufacturing processes for GMP compliant radiolabeling of biologicals and small molecular drugs for human application
- GMP compliant manufacturing of optical imaging probes

Lack of efficacy (56%) and safety issues (28%) are the most common reasons of drug failures in Phase 2 of clinical development*

PET imaging of new drugs

- Validation of promising targets and (radiolabelled) drugs through proof of concept studies in animal models using PET/MRI, PET/CT, µPET, µSPECT, µMRI (including ultra-high field), CT, US, and optical imaging.

Development of novel tracers for in vivo imaging of disease specific markers in drug and diagnostics development

- Visualisation and quantification of tissues, diseases, drugs and therapy responses using an array of imaging technologies (PET/MRI, PET/CT, PET, SPECT, MRI (including ultra high field), CT, US, and optical imaging)
- Image acquisition, analysis and integration as well as image interpretation with tracers or imaging based biomarkers in various patient cohorts
- Support of your clinical trial design and execution in our clinical imaging centres which have years of experience in Phase 2-3 trials
- Data analysis supports your decision-making in drug development with our dedicated imaging data analysis centres allowing quantitative pharmacokinetic/pharmacodynamic modelling
- Ultra-high field MRI to imaging biomarkers for high precision medicine

*https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4847363/#CR21

SMALL MOLECULES

Innovative translational drug discovery and development from pre-clinical validation to proof of concept

The EATRIS Small Molecules platform supports the pre-clinical and clinical development of drug candidates, utilising academic expertise around novel targets and molecular scaffolds.

The platform offers 25 expert translational medicine institutions and has access to advanced screening facilities with innovative cell-based assays as well as integrated use of the latest biomarker techniques. Tailored animal models help shorten the time to in vivo proof of concept and study the mode of action of novel drug candidates and targets, supported by experts in pharmacology, medicinal chemistry, analytical chemistry and toxicology.

50%

Today, 50% of the R&D pipelines of multinational pharmaceutical companies stem from external sources

"An academic network with expertise in all the translational phases enables drug development driven by public and medical needs"

Mario Salmona, PhD

Chair Small Molecules Platform EATRIS, Head of department of Molecular Biochemistry and Pharmacology, Mario Negri Institute (Italy)

Infrastructure and expertise

- Unique compound libraries including peptides, ribonucleic acid interference (RNAi), natural products and novel innovative scaffolds for fragment-based and virtual screening
- Development of xenograft models for translational in vivo screening
- Cross-over synergy with relevant EATRIS enabling technology platforms, including biomarkers and molecular imaging technologies

Advanced screening using 3D cultures and primary cells

- Access to patient-derived primary cells (e.g. tumour cells and fibroblasts)
- High throughput and (automated) high-content analysis compatible 3D cell cultures
- Modified liquid-overlay culture for spheroid production
- Flow cytometry read-outs to detect cell differentiation
- Transcriptomic analysis of multi-drug resistance
- Cellular screening for novel drug candidates (and drug combinations) including radiochemotherapy using X-rays
- Studying the penetration of DNA de-methylating drugs in reporter cell spheroids
- Application of pH microsensors for screening under extracellular acidosis conditions
- Compliant handling of patient samples (i.e. signed informed consent and ethical approval)

Absorption, distribution, metabolism, and excretion (ADME)

- Determination of chemical stability (non-enzymatic degradation), stability in biological fluids (plasma, saliva, gastric juice)
- Assessment of passive absorption and permeability in the gastro-intestinal tract
- Identification of drug transporter substrates
- Prediction of blood brain barrier permeability
- Microsomal stability and drug plasma protein binding assays
- Advanced mass spectrometry (MALDI) analysis of drugs and metabolites
- Quantitative determination of the distribution in organs and tissues of small rodents by LC-MS
- In silico prediction and pharmacokinetic/pharmacodynamic modeling of human ADME profile

Toxicity profiling

- GLP compliant toxicity studies in mice, rats and rabbits
- Extended single dose (microdose) toxicity studies with hematology, clinical chemistry, necropsy, and histopathology data
- Neurotoxicity, cardiotoxicity (ECG, BP) and respiratory toxicity
- 28-days or 90-days repeated toxicity studies with non-compartmental toxicokinetics
- Design of preclinical safety studies for authorisation

Preclinical validation of nanomedicines

- Nanoparticle formulation design and development
- Nanocarrier characterisation (size, shape, distribution profile)
- Enhanced drug delivery using peptides, conjugates and liposomal formulations

Early clinical development

- Experience in many disease areas, with particular strength in oncology, neurodegenerative disorders, cardiovascular disease and rare diseases
- Support for clinical trial design, execution and analysis in clinical centres, including biostatistics and legal and ethical approval
- Access to patient materials and cohorts
- Close interaction with regulatory affairs and clinical experts (Investigational Medicinal Product Dossier (IMPD), clinical dossier, orphan drug designation, clinical expert opinions)

VACCINES

Covering the entire vaccine development and production pipeline ranging from late-phase pre-clinical development to clinical trials

The EATRIS Vaccine platform provides cutting edge services for the next generation of vaccines by adopting a multidisciplinary approach. The EATRIS Vaccine platform offers over 15 of Europe's most advanced development centres with proven state-of-the-art resources for all critical issues related to vaccine development. They include specialised GMP provision with accompanying formulation and adjuvantation, disease specific animal models with facilities up to BSL3 containment (immunomonitoring) and access to clinical facilities with relevant patient groups up to Phase 2a trials.

"Effective vaccines are a public good by saving lives through combatting serious and life-threatening diseases"

Jan Langermans, PhD

Chair Vaccines Platform EATRIS, Chairman Animal Science Department and Deputy Director Biomedical Primate Research Centre (The Netherlands)

Expertise

- Experts includes vaccinologists, immunologists, biochemists, toxicologists, pharmacists, physicians, veterinarians, and epidemiologists
- Experts on regulatory and legal issues, manufacturing, quality management, technology transfer, and liaising with various authorities (e.g. FDA/EMA for the authorisation of first human studies)
- Experienced in vaccines for infectious diseases and non-infectious diseases

Antigen characterisation

- Laboratories, animal houses and core facilities available to characterize the status of a target in vitro and in vivo and the standardisation of validation protocols
- Verification of regulatory requirements and patent status

Vaccine formulation

- Optimisation of vaccine formulation in preparation for scale-up under GMP conditions
- Appropriate strategy for a delivery system and adjuventation

Pre-clinical validation

- Development of in vitro and in vivo validated assays for pre-clinical studies
- Development of validated measures for the evaluation of humoral and cellular immune responses at systemic, mucosal and in situ levels
- Development of adequate potency tests
- Pre-clinical in vivo validation in disease specific animal models including primates up to BSL3 containment
- Pre-clinical evaluation of vaccine immunogenicity, efficacy and toxicology

Process development

- Exploration of upstream processing; evaluation of expression system
- Exploration of downstream processing (incl. possible inactivation)
- Confirmation of a feasible small-scale process (scalability, reproducibility)
- Scalability, reproducibility and initial process validation required for Phase I

GMP vaccine production

- GMP pharmaceutical production centres with vaccine authorisations
- Preparation of GMP batches of vaccines for toxicology and clinical studies

Clinical development

- Clinical trial centres for Phase I and II studies in conjunction with a university medical centre to foster interaction between clinicians and specialist scientists
- Support for trial design and GCP execution
- Clinical imaging for analysis, integration and interpretation in various patient cohorts
- Data analysis centres manage the processing and integration of multimodality data

ABOUT EATRIS

Translating novel biological insights into effective interventions is a highly complex process, which requires significant dedicated expertise and infrastructure. The hope generated by the revolution in biology – stemming from the unravelling of the human genome and subsequent explosion of a variety of omics fields – was not met by an increase in effective medical interventions. The failure rates in the development phase remain high, while paired with this reality is the continuing trend of the industry reducing its investments in the early phases of discovery and translational research and development.

The field of translational science is a highly multi-disciplinary enterprise, tasked with gaining a fuller mechanistic understanding of both disease process and mode of action which a potential therapeutic would utilise to modulate its effects. This is a step away from more empirical methods of development, and is in part a response to growing scrutiny from regulators, who increasingly require developers to show a) understanding of the mechanisms behind their investigational drugs, and b) increasing onus on the ability to stratify potential responders from non-responders ex ante on the basis of companion diagnostic tests.

Due to these developments in the field, the pipeline finds itself in a transitional stage. Developers are trying to validate tools which can support in discriminating early in the Research & Development (R&D) process which drug candidates possess a high potential versus those that will fail, as well as significant resources deployed to identify and validate potential biomarkers for patient stratification and prognostication.

In this biology-driven, technology-rich area, academia is proving to be a significant driver of productivity, both in terms of novel tools for development as well as in the interventions that will ultimately be brought to patients.

EATRIS ERIC

EATRIS ERIC was created to defragment the substantial European efforts in this field. Its mission is to improve productivity of the translational R&D pipeline by providing high quality research services to public and private research entities. Comprising over 80 leading research institutions in twelve countries across Europe, EATRIS has established itself today as a key player in the biomedical innovation continuum. By bringing together multi-disciplinary expertise, facilities and patient resources to support the development of promising drugs and diagnostics, EATRIS accelerates and de-risks the path to clinical proof of concept and partners with key stakeholders for the validation and introduction for novel tools to support R&D.

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