

Infrafrontier Newsletter - June [View in browser \(HTML/JS/CSS\)](#)



Welcome to a new issue of INFRAFRONTIER News! For the best experience, click above 'View in browser'. Enjoy the read!

Time: 6 minutes

Important Announcement

We would like to start this newsletter with an official update. After more than 20 years of leadership, Prof. Dr. Martin Hrabé de Angelis is stepping down from his role as Scientific Managing Director of INFRAFRONTIER, and will be succeeded by Prof. Dr. Johannes Beckers (Helmholtz Munich and Technical University of Munich).



It's hard to put into words how grateful we are to Martin for his incredible dedication, tireless work, and the care he has devoted to building INFRAFRONTIER over more than two decades. Fortunately, this is not a goodbye, as Martin will continue to serve as Director of the German National Node and has been designated as the scientific representative in the INFRAFRONTIER ERIC Assembly of Members.

A big thank you to Martin, and the warmest welcome to Johannes!

[Read Full Story HERE](#)

INFRAPLUS & PRIM-TECHER Projects

INFRAFRONTIER Conference: The First of Three, and a Resounding Success
The INFRAFRONTIER Conference 2025 - 29 & 30 April - brought together more than 100 participants and leading in vivo disease experts for two inspiring days of science, discussion, and collaboration in Munich. We're glad so many of you could join us - and for those who couldn't, there will be more opportunities in the years to come. See you in 2026!

Read our recap and enjoy some of the best moments in photos [HERE](#).
Next tentative date: April 2026



This conference was supported by funding from the INFRAPLUS Horizon Europe programme under the INFRAPLUS grant agreement No. 101131669.

Kicking off PRIM-TECHER
We closed out April with a big moment, as we celebrated the official kick-off of the PRIM-TECHER project on the 30th! We were thrilled to meet over 40 project partners in person - plus those who joined us online.



Over the next three years, PRIM-TECHER will help accelerate the development and adoption of preclinical in vitro systems that support the Replacement, Reduction, and Refinement of mouse models in biomedical research. We're proud to have EURO-Bohrning and B2Bnet-ERIC as project partners on this exciting journey.

PRIM-TECHER site is now live!
Keep the link handy, as we'll be updating it regularly with the latest progress from our working groups.
Visit the website [HERE](#).

Updates From EMMA

EMMA Steps Up: Making Mutant Mouse Strains Easier to Track with ERIDs

All mouse strains in our European Mouse Mutant Archive (EMMA) repository have been assigned a unique Research Resource Identifier (RRI). This valuable upgrade will make it easier for the scientific community to reliably track and cite EMMA strains used in research studies, strengthening reproducibility and transparency in preclinical and fundamental research.

88.CgTg(Cdh5-cre-ERT2)1Rha/H

Table with columns: Strain, Species, Strain ID, and other identifiers.

In the details pages for each EMMA strain, users can find now the corresponding RRI, together with a ready-to-use sentence for citing the strain in their publications.

[Read Full Story HERE](#)

Featured Event

INFRAFRONTIER AT FEBS Congress

5-9 July 2025 | Istanbul



As part of the FEBS-2025 programme, INFRAFRONTIER is co-organising a special session together with three other research infrastructures (RI) (EU-ORNLSCREIN, EuroBioImaging, and Instruct) on the impact of RIs on groundbreaking biomedical research.

Michael Razaes will introduce the infrastructure and its services, followed by a talk from Helena Finelli (University of Liège), who has collaborated with INFRAFRONTIER through the [MICE2B project](#). Her presentation, 'Pioneering intrasex all-male-based Nanovectors', will showcase how access to INFRAFRONTIER's resources has supported and shaped her research in immunotherapy.

- EU Research Infrastructures session 7 July at 16:00 (Istanbul)
Website [HERE](#)
Online registration until 27 June!

Flashback News

Our pick:

A History of Cryopreservation at MRC Harwell (watch the video)
Martin Fray reflects after a remarkable career at MRC Harwell. Don't miss his interview where he looks back on the origins and evolution of the MRC Mouse Archive, revealing its origins, milestones, and some great stories. We will miss you, Martin!
[Read full story and watch video.](#)

INFRAFRONTIER at FELASA 2025: Advancing 3Rs and Animal Welfare
INFRAFRONTIER hosted a dedicated session at FELASA 2025 in Athens, sharing key insights on 3Rs and animal welfare in disease modelling. A great turnout, strong collaborations, and inspiring discussions at a truly world-class congress.
[Read full story.](#)

INFRAFRONTIER at the International Mammalian Genome Conference 2025 in Glasgow
In April, INFRAFRONTIER joined IMGC 2025 in Glasgow with a booth and strong presence of partners in the scientific programme, including a keynote by Martin Hrabé de Angelis, a workshop by Sara Wells, and talks by key partners. A great week of science!
[Read full story.](#)

A Mary Lyon Centre GEMM Mouse Model Supports Male Fertility Research
As part of the Mary Lyon Centre's second GEMM call in 2017, a custom mouse line was generated to support research into the role of a poison exon, the ultra-conserved exon in the sexling regulator gene Trsb2, essential for male fertility.
[Read full story.](#)

Breakthroughs From Our Partners

New Framework Aims to Eliminate Sex Bias in Preclinical Research
Sara Wells (Mary Lyon Centre at MRC Harwell) co-authored a new publication presenting the Sex Inclusive Research Framework (SIRF), a practical tool using a traffic light system to ensure equitable inclusion of male and female samples in preclinical studies.
[Read more.](#)

Accelerated Aging and Telomere Shortening Induced by Test Deficiency in Mice
Colleagues from the German Mouse Clinic (Helmholtz Munich) present a CRISPR-generated mouse model of test deficiency revealing telomere shortening and features of dysplastic congenita. The study sheds light on TERT's role in telomere shortening aging and its association with accelerated aging.
[Read more.](#)

Streamlining Model Organisms Facilities Operation: The Benefits of a Unified Management Structure
Colleagues from GEMM (before ICG) have published a work elucidating and showcasing the concept of a unified Core Facility for laboratory animals within a research institute specialised in basic biology and biomedical research.
[Read more.](#)

A Communication Pipeline for In Vivo Imaging Core Facilities
A new paper by Vasilios Ntasis proposes a structured communication pipeline for in vivo imaging core facilities, aiming to improve coordination, reduce animal use, and support high-quality, non-invasive research through standardized procedures in full-service imaging environments.
[Read more.](#)

New Mouse Model for Inducible hACE2 Expression Enables to Dissect SARS-CoV-2 Pathology Beyond the Respiratory System
Colleagues at CCP present a conditional mouse model that allows inducible human ACE2 expression across multiple organs. This model helps uncover how SARS-CoV-2 affects systems beyond the lungs, including neurological involvement and immune responses. It also provides a valuable tool for preclinical testing of therapies and vaccines.
[Read more.](#)

ICS Researchers Publish New Advances in CRISPR Genome Editing Efficiency
Our partners at ICS have published a new review exploring how recombinant adeno-associated viruses (rAAV) enhance the efficiency of CRISPR-Cas9 genome editing. The publication highlights recent advances, challenges, and opportunities for generating precise genetic modifications in animal models.
[Read more.](#)

IMPC Impact on Preclinical Mouse Models
A recent article in Mammalian Genome highlights how the International Mouse Phenotyping Consortium accelerates preclinical research and biomedical innovation, providing knockout models and invaluable data to uncover gene functions, identify biomarkers, and advance disease diagnosis, treatment, and prevention.
[Read more.](#)

Open Call for Cancer Researchers

Free-of-charge access to cancer research services!
If you are a researcher in the cancer field, canSERV has opened their 4th call for you! Submit your proposal and gain free access to over 400 services and tools!
What do INFRAFRONTIER partners offer?
Read full service descriptions [HERE](#).

Open Call Transnational Service Provision. Services provided by INFRAFRONTIER: In-depth analysis with phenotyping, Systems phenotyping of cancer mouse models, Digital archive and sharing tool for mouse models. Deadline: 15 July. Apply Now!

Events & Training Opportunities

Events
2-3 Sep 2025 The TEATIME Journey - Shaping the Future of Lab Animal Monitoring
Helsinki, Finland
[Read more](#)

Trainings
1-2 Jul 2025 Mouse Genetics and Colony Management for Animal Technologists
Audience: Animal technicians, young researchers, and PhD students
Harwell, UK
[Read more](#)

15-19 Sep 2025 Mouse Models for Human Disease Workshop
Target: Young researchers and PhD students
Harwell, UK
[Read more](#)

29 Sep-3 Oct 2025 Vienna Cryo & Embryo Transfer Course
Target: Young researchers and technicians
Vienna, Austria
[Read more](#)

13-15 Oct 2025 Mouse Pathobiology Workshop
Free of charge but the registration is mandatory
Barcelona, Spain
[Read more](#)

20-23 Oct 2025 Mouse Embryo and Spermatozoa Cryopreservation Course
Target: Senior animal technicians, researchers, and PhD students
Harwell, UK
[Read more](#)

Check out all Training Opportunities

Job Vacancies

INFRAFRONTIER Administrative Managing Director (m/f)
INFRAFRONTIER ERIC in Munich is recruiting an Administrative Managing Director for a part-time position.
Applications until 15 June!
Include cover letter and CV
[Check Details](#)

Current European Collaborations
Learn more [HERE](#)
Thanks for making it to the end!

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