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ISTT ONLINE WORKSHOP

Validation of Engineered Alleles

One Session Only!

29 October 2024 at 14:00 UTC

10AM EDT | 3PM Paris | 7:30PM New Delhi

Highlights:

- Principles of genotyping and genomic validation
- Validating random integrations
- Validating targeted alleles
- Validating edited alleles

Presenters:

Marie-Christine Birling, Guillaume Pavlovic and Lydia Teboul

Fees:

- Free for ISTT members - with code (see registration page for link)
- \$50 for non-members - payment accepted on the registration page
- \$30 for IMGS members - with code (see registration page for link)

Please register by: October 25, 2024

Registration at [ISTT workshop page](#)

Marie-Christine Birling



Guillaume Pavlovic



Lydia Teboul



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Meet Our Experts:

Marie-Christine Birling obtained her PhD in molecular biology and neuroscience from the University of Strasbourg in 1994. After spending 10 years abroad, she became head of the genetic engineering and genome editing team at the Institut Clinique de la Souris (ICS). Five years later, she was appointed associate head of the genetic engineering and model validation department. An expert in allele design, she is behind the generation of more than 2,500 custom mouse and rat models, some of which have given rise to high-impact scientific articles. She also leads internal R&D projects.

Dr. Guillaume Pavlovic is Head of Genetic Engineering and Model Validation at the Institut Clinique de la Souris, PHENOMIN, CELPHEDIA, a national center supporting cutting-edge research and discovery in mouse and rat models. He supervises mouse and rat model creation and validation activities (few thousand lines being created or validated). As a technologist, he is an expert in genome engineering, expression analysis and microbiome metagenomics with extensive expertise in CRISPR/Cas9 genome editing and advanced molecular biology technologies. As a scientist, he is actively involved in promoting research reproducibility, best practices and quality control.

Lydia Teboul is Head of Molecular and Cellular Biology at the Mary Lyon Centre, Medical Research Council Harwell in the UK. She manages the generation of genetically altered mice at the MLC. She has over 25 years of experience of mouse genome engineering, with both classical and genome editing methods. Her team has defined protocols to validate the mutants generated employing CRISPR/Cas9 and classical tools.