## **ISTITUTO PASTEUR ITALIA SEMINAR**

## Lunedì 15 Aprile 2024, ore 16:00

SSAS, Edificio D, AULA 101 (1 Piano)

## **Prof. Ulf Nehrbass**

**CEO of Luxembourg Institute of Health** 

## **Opportunities and challenges in advancing** precision medicine

At the Luxembourg Institute of Health, we perform patient-centric translational research with a focus on cancer and immune-related disorders. Our particular interest lies in the immune system as a shared functional module between health and disease. Our dedicated teams of multidisciplinary researchers embrace data driven approaches to advance the understanding of disease mechanisms. Using technology like Artificial Intelligence on real-world patient-derived data, we create disease relevant knowledge, which can be tangibly translated into clinical applications through a bed to bench to bed approach. This is building on existing patient cohorts in Parkinson 's disease, and expands into prospective cohorts in Inflammatory Bowel disease, Multiple Sclerosis and Rheumatoid Arthritis. At the same time the LIH is engaged into a number of precision oncology approaches. As a public biomedical research organisation focused on precision health, the LIH is invested in becoming a leading reference in Europe for the transformation of scientific excellence into meaningful benefits for patients.

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