

June 16

- 1. Planetary Biology Workshop: From Patients to Planetary Health** - room C3
Anabella Aguilera, Olga Vinnere Pettersson
What happens when technology platforms mainly used for clinical samples or model organisms are confronted with spider webs, soil cores, seawater, and 200-year-old herbarium specimens? This workshop invites infrastructure staff to reimagine their platforms beyond patient or model organism samples into the field of planetary biology. Through real-world examples, participants will explore how existing technologies can already support biodiversity, ecosystem, and environmental research. Participants will leave with new cross-platform connections, and concrete ideas on how to engage in the planetary biology mission.
- 2. Translation from Research to Healthcare1** - room C1
Malin Melin
In this workshop, Clinical Genomics will share our experiences of development and implementation of new diagnostic tests into healthcare. You will also get the opportunity to map the translational potential and bottlenecks of a new method with possible clinical applications. The target group includes infrastructure staff with an interest in method development and clinical translation.
- 3. Strategic Industry Collaboration – Towards a Unified SciLifeLab Legal Framework** - room C5
Per Lek, Josefine Lundgren
As SciLifeLab expands its engagement with industry, coherent and predictable legal structures are essential to ensure efficiency, transparency, and long-term trust. Current variations in how infrastructures handle industry agreements create operational complexity and strategic uncertainty for both unit heads and external partners. This workshop addresses the development of a unified legal framework, including harmonised guidelines and standardised contract templates designed to streamline collaboration while safeguarding academic integrity and compliance. Legal expert Frantzeska Papadopoulou Skarp will present the proposed framework and invite feedback to ensure that it supports innovation and the needs from the research infrastructure community. The session aims not only to refine contractual tools, but to strengthen SciLifeLab's institutional capacity to engage industry in a consistent, legally robust, and strategically aligned manner.
- 4. How to Communicate Your Research Beyond the Lab** - room C6
Gustav Ceder, Niklas Norberg Wirtén, Victor Weman
We're excited to invite you to a practical and interactive workshop focused on how to effectively communicate your research to a broader audience. As researchers, we often spend so much time on the details of our work that it can be hard to see what's most interesting or relevant to someone outside our field. This session is designed to help you identify and frame those stories – whether for public outreach, media visibility, or a strong social media post. Whether you're a PhD student, postdoc, or research engineer, this session is especially aimed at those who don't usually take the spotlight but whose work absolutely deserves it.
- 5. Precision by Design: Integrating SciLifeLab Facilities for clinical FAIR Practices** - room C9
Rikard Fred, Rozina Caridha
Join us for a workshop examining precision medicine at SciLifeLab through a data-centric lens. We will discuss how to strategically leverage the tools and expertise within our technology platforms to expand our support for clinical studies and trials. Participants will learn about implementing common metadata models, establishing data provenance, and creating FAIR-compliant data.
- 6. Build It. Teach It. Share It. A Hands-On Guide to SciLifeLab Training and Open Science Resources** - room C7
Ineke Luijten, Jill Jaworski
In this session, participants will learn about Training Hub and Open Science resources, services and activities through interactive cases. Participants will be organized into small groups, which will rotate through a series of teaching and learning cases. These cases will reflect common teaching and learning needs from the SciLifeLab community, including making trainings Open and FAIR, preserving and archiving materials, creating effective and engaging digital teaching experiences, editing and releasing video content, as well as the creation and assessment of courses at all stages of the training lifecycle. Within each case/station, there will be discussion and reflection prompts for the small groups to consider, as well as corresponding resources, given as "solutions" to the cases, which would help an individual with these teaching and learning needs. This session will take about 60min, can accommodate around 40 participants, and will be available to anyone who is interested in learning more about the Training Hub, Open and FAIR science, and pedagogical best practices.
- 7. Data Science Community at SciLifeLab: Short talks** - room C2
Arnold Kochari
This is a session for the SciLifeLab staff working with data science, software development, and computational infrastructure. Everyone in roles such as bioinformatician, research software engineer, data/AI engineer, systems developer, system administrator, and others identifying with these or similar roles is welcome! Historically, we did not have a shared forum at the SciLifeLab level to meet, so let's make it happen now! Come to meet like-minded colleagues from the other parts of SciLifeLab and to listen to short talks about useful tools, tips, workflows, lessons learned.
- 8. Psychological Safety in Teams – Building a Culture That Supports People and Breakthrough Science** - room C4
Linda Kvastad & Dániel Tihanyi
Psychological safety is essential for a thriving academic environment, enhancing collaboration, innovation, and research excellence. This workshop will explore what psychological safety means when working in teams—how it supports an open environment, risk-taking, and a culture where everyone feels valued and heard. We will examine its role in inclusion, constructive feedback, critical thinking, and the stages of building a supportive work community. In small groups, we will discuss topics such as cultivating trust, encouraging diverse perspectives, and promoting individual and collective growth in teams.
- 9. Multi-modal Data Integration and Sharing: Towards a Cross-platform Service Model** - plenary hall
Wolmar Nyberg Åkerström, Hanna Kultima, Björn Nystedt, Wojtek Potrzebowski
Multi-modal projects are becoming more common across SciLifeLab, but support is often assembled one case at a time. This workshop will explore how SciLifeLab can move towards a more coherent cross-platform service model for multi-modal data integration and sharing, connecting platforms and support functions around practical needs in metadata, workflows, compute, storage, user support and long-term ownership. Using examples from across SciLifeLab, we will discuss what can be offered as standard service, what is best handled within a single platform, and where coordinated cross-platform support is needed. The session will also clarify how IDS (Integrated Data Services) project helps connect infrastructure, data, tools and support, and how participants can engage in the work ahead.

June 17

- 1. How Can the SciLifeLab Infrastructure Strengthen National Laboratory Preparedness?** - room C3
Jessica Alm, Alice Sollazzo
Learn how the Pandemic Laboratory Preparedness (PLP) strategic area is evolving, with a focus on advancing Sweden's pandemic response capacity and exploring how SciLifeLab units can contribute to national preparedness. The session includes a short presentation followed by an interactive exercise designed to spark discussion and new perspectives.
- 2. Translation from Research to Healthcare** - room C1
Malin Melin
In this workshop, Clinical Genomics will share our experiences of development and implementation of new diagnostic tests into healthcare. You will also get the opportunity to map the translational potential and bottlenecks of a new method with possible clinical applications.
The target group includes infrastructure staff with an interest in method development and clinical translation.
- 3. Strategic Infrastructure Management – Navigating Complex Cases under Legal and Financial Constraints** - room C5
Per Lek, Josefine Lundgren
Infrastructure leaders increasingly operate at the intersection of legal regulation, cost recovery models, intellectual property considerations, and collaborative research agreements. Complex cases require not only compliance, but strategic judgement and an overarching approach.
This interactive workshop uses real and participant-submitted cases to explore how legal frameworks, cost structures, and governance mechanisms can be aligned to support operational sustainability and strategic positioning. Legal expert Frantzeska Papadopoulou Skarp will facilitate structured discussion, highlighting risk management, decision-making frameworks, and best practices for balancing legal robustness with institutional flexibility.
The objective is to strengthen institutional resilience and decision-making capacity in legally and financially demanding situations.
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- 7. AI-Ready Data: What Does It Mean, and How Do We Make Data "AI-Ready"?** - plenary hall
Arnold Kochari
Modern machine learning methods depend on availability of large amounts of high quality data. Across SciLifeLab's research infrastructure, we generate vast amounts of life science data; data that can potentially be used to make new discoveries. This concept is known as "AI ready data". It is identified as one focus area in SciLifeLabs AI Strategy, but what does it mean in practice? How can datasets be prepared so they can be easily shared, understood, and reliably used to train machine learning models or support emerging AI tools (such as AI agents)? In this workshop, we will introduce the concept of AI ready data and what it means in practice. We will then invite participants from across SciLifeLab facilities to discuss challenges and solutions, both those that are shared across domains and those that are specific to particular data types and research fields.
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