RESEARCH DATA DAY

10 November 2026

Support. Share. Collaborate.

Leiden University Medical Center

Funded by OPEN SCIENCE NL

Leiden University Medical Center
Albinusdreef 2
2333 ZA Leiden

Organization:	LUMC Data Competence Center (LUMC-DCC)
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During the event, photos will be made by the organization. These photos may be used for promotional or archival purposes. If you prefer not to appear in any photographs, please inform the registration desk upon arrival.

The Research Data Day follows the principles of the LUMC Code of Conduct (https://edu.nl/hyxhq). We expect all participants to contribute to a respectful, inclusive and safe environment.

Introduction

Welcome to the second Research Data Day of the LUMC-DCC. This year's theme, **Support. Share. Collaborate.**, highlights the people, services, and partnerships that help enable high-quality research. Throughout the day, you can discover the wide range of research support available at LUMC, learn from experts and colleagues, and connect with others working to advance research and research data practices.

We hope this day helps you find the support you need, share experiences and knowledge, and build new collaborations.

Sincerely,

The organizing team

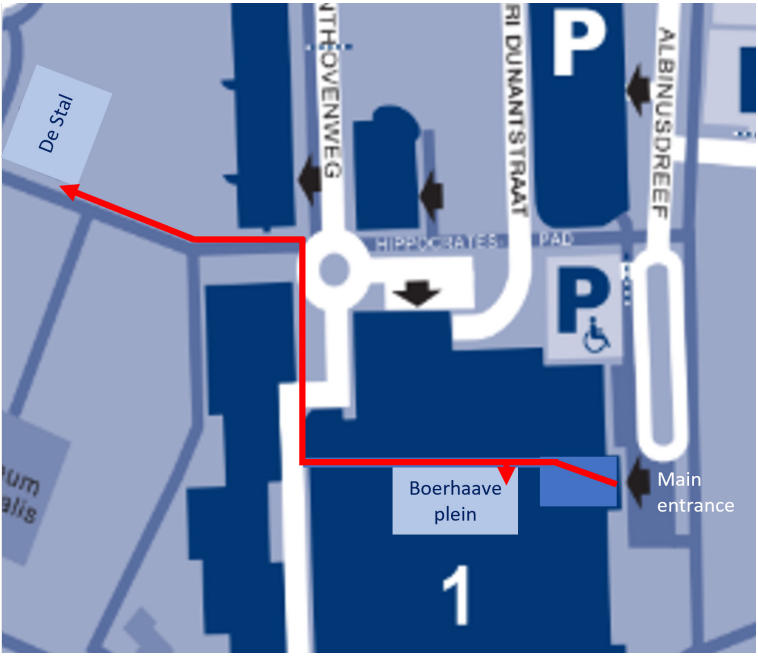


The organizing team: Dominique, Ghislaine and Martiene

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Locations



Practical information

- Walk-in, coffee and registration from 9:00h.
- You can register for the parallel sessions at the registration desk during the market. Registration is on a first-come, first-served basis, although the rooms are expected to accommodate all interested participants.
- During the market one or more people are present in each stall to provide information and answer your questions. Each service displays a poster with a description and contact information.
- The parallel session rooms are located close to the Boerhaaveplein on the first floor.

Questions or need help?
Contact the organizing team at the registration desk on the Boerhaaveplein.

Program

Time	Boerhaaveplein		Paleijs 1st floor	Lecture Hall 3 (LH3)	Lecture hall 5 (LH5)	J01-117	De Stal
9:00	Welcome & registration						
9:30	Opening *(p6)*						
10:00	Welcome & registration parallel sessions	Research Data Day Market *(page 4-5)*	Data Games *(page 6)*				
11:00							
12:00		Lunch					
13:00	Coffee & tea			**Support.** Parallel 1A *(page 7)*	**Share.** Parallel 1B *(page 7)*	**Collaborate.** Parallel 1C *(page 7)*	
13:45				Break	Break	Break	
14:00				Parallel 2A *(page 8)*	Parallel 2B *(page 8)*	Parallel 2C *(page 8)*	
14:45				Break	Break	Break	
15:00				Parallel 3A *(page 9)*	Parallel 3B *(page 9)*	Parallel 3C *(page 9)*	
15:45							
16:00							Closure & Network event
17:00							
18:00							

Research Market

BDS

1. Research Support Desk (RSD)
2. Data stewardship
3. Software stewardship
4. Castor
5. Opal data warehouse

Digital tools

6. Dataplatform
7. anDREa
8. SampleNavigator
   Electronic Lab Notebook (ELN)
9. CTCue

Regional

10. Extramuraal LUMC Academisch Netwerk (ELAN)
11. Dutch REsearch in child and Adolescent Mental Health (DREAMS)
12. Health-RI
13. Leiden Bio-Science Park (LBSP)

O&V

14. Directorate Research & Valorisation (O&V)
    - Consortium Coordination (CoCo)
    - Clinical Trial Center (CTC)
    - Financial project advice
    - LBSP collaboration
    - LURIS Business Development
    - LURIS Legal
    - LUMC Office for Regulatory Affairs (LORA)
    - Research policy & fundraising
    - Subsidy advice
15. Open Access publishing
16. Walaeus library

Committees

17. Research Ethics Committees
    - Medical Research Ethics Committee Leiden Den Haag Delft (METC LDD)
    - LUMC non-WMO committee
    - LUMC Review Committee Biobank & Biomaterials (TCBio)

DKP

18. Directoraat Kwaliteit Patientenzorg en Onderzoek (DKP)
    - Clinical research quality
    - Lab research quality
    - Techno-info point (TIP)
19. Platform Qualitative Research (PKO)

Research facilities

20. Research facilities - Biobank facility
21. Research facilities
    - Biosafety level 3 facility
    - Central Animal and Transgenic Facility
    - Leiden hiPSC Center
    - Center for Microbiome Analyses and Therapeutics
    - Data analytics
    - 7 Tesla MRI facility
    - Light Microscopy
    - Preclinical Imaging Facility
    - Center for Proteomics and Metabolomics
    - Flow Cytometry Core Facility (FCF)
    - Leiden Genome Technology Center (LGTC)
    - Center for Cell and Gene Therapy
    - Peptide Facility
    - Protein Facility
    - Viral Vector Facility
22. Research facilities - Electron microscopy facility (CCB)
23. Clinical Research Center
24. Digitally Connected

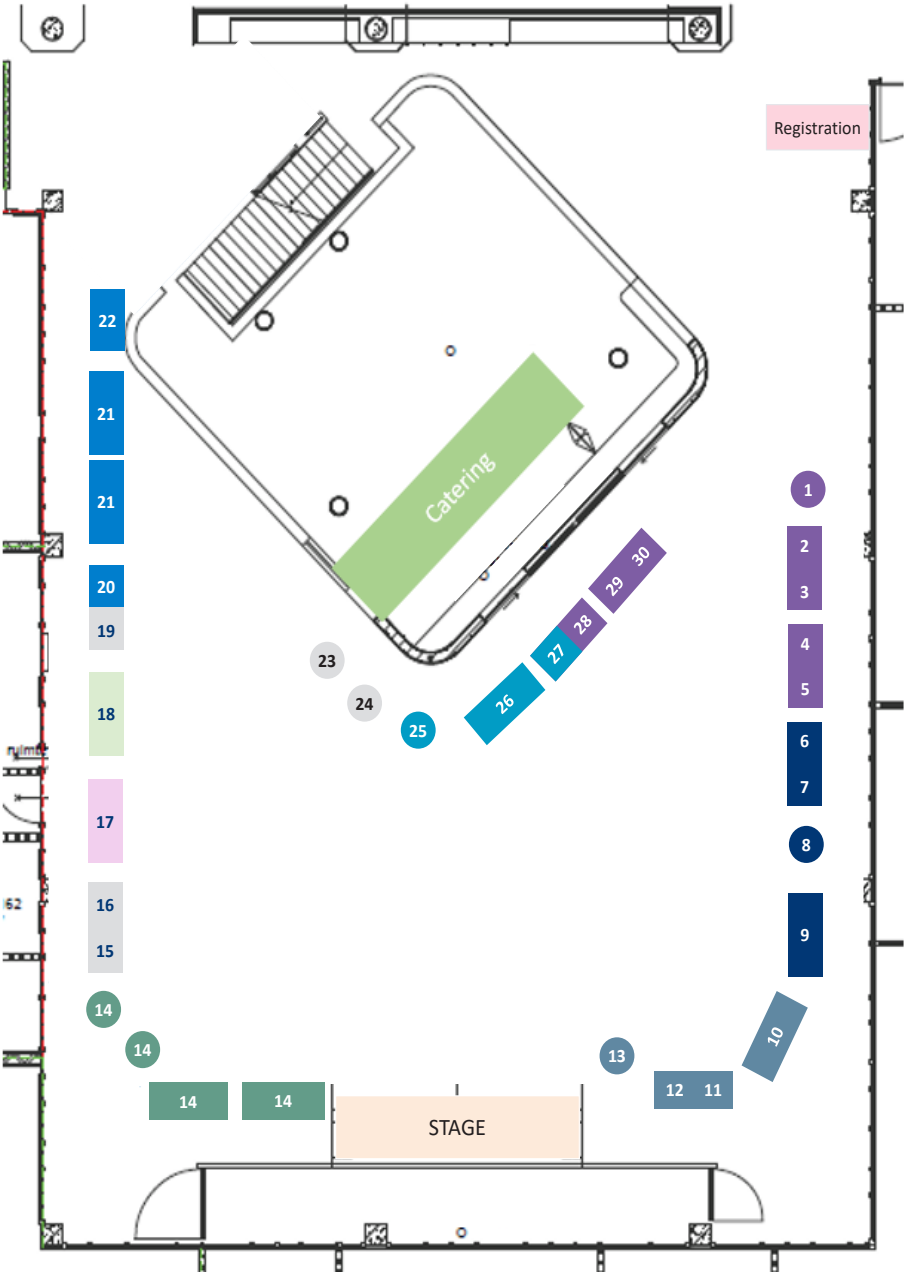
Epidemiology

25. Netherlands Cohort Consortium (NCC)
26. Clinical Epidemiology services
27. Clinical Epidemiology cohorts

BDS

28. Sequencing Analysis Support Core (SASC)
29. Medical statistics
30. Medical decision making

Market participant descriptions on page 10-15


Registration
Catering
STAGE
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Opening by Prof. dr. Eline Slagboom

Data Science: The Art of Sharing Data and Asking the Right Question



How can we unlock the full value of research data? In this opening, Eline Slagboom, professor in molecular epidemiology and head of the department Biomedical Data Sciences, reflects on the role of data science in modern research, highlighting how effective data sharing, collaboration, and the ability to ask the right questions can lead to new scientific advances. Drawing on her experience, she will explore how researchers can make the most of the growing opportunities offered by data-driven science.

Data games

Take a break from the market with a selection of data-themed games. Drop in for a quick challenge or stay longer and explore. Data games are a fun and informal opportunity to connect with colleagues, recharge, and engage with research data from a different perspective.



Parallel session 1

1A. Support. LH 3

Towards professionalization and community building of LUMC research data professionals



Tessa Jacobs van Goethem (Advanced Data Management, LUMC)

Kick-started by national plans for professionalization and recognition of research support staff, LUMC is currently developing HRM function profiles for data stewards. Does your work include a role in data stewardship within your research group or department, or a broader LUMC level? Join this session to discuss how new HRM function profiles can shape your professionalization and how cooperation with peers can support your work. If (part of) your work includes implementation, support, tooling, quality control, policy or governance of FAIR data stewardship, this session is for you!

1B. Share. LH 5

The EHDS – an introduction by Health-RI



Merlijn van Rijswijk (Health-RI)

From March 2029 onwards all Health Data in the EU will become accessible as a result of the new EHDS regulation. The EHDS will be beneficial for researchers from academia and industry, as this opens a new uniform way to request health data in the entire European Union, fostering research and innovation. At the same time the EHDS has important consequences for data holders, as they will need to make metadata on their health data available in a health data catalogue, and make these data available within three months, after permission from the future Health Data Access Body. Merlijn will give more detailed information in this session, including how data holders can start preparing for the EHDS.

1C. Collaborate. J01-117

Pre-Award Consortium MANagement - PACMAN



Emanuela Lonardi (O&V team CoCo, LUMC)

In today's increasingly competitive and collaborative funding landscape, scientific excellence alone is often not enough to secure funding. Successful proposals require strong consortia, clear governance, well-structured work packages, realistic budgets, and effective stakeholder engagement. PAC-Man helps LUMC researchers develop competitive large-scale proposals. By providing dedicated expertise during the pre-award phase, PAC-Man enables researchers to focus on scientific content while strengthening the quality, feasibility, and impact potential of collaborative projects, particularly when LUMC acts as coordinator.

Target audience: *Researchers* *Research supporters* *LUMC employees* *External visitors*

Parallel session 2

2A. Support. LH 3

From Study to FAIR Data Point: Piloting Machine-actionable Metadata Publication



Anna Niehues (Advanced Data Management, LUMC) & LUMC DCC FAIR Implementation Community

What does it take to create FAIR metadata and publish it in a FAIR Data Point (FDP)? In this session, we follow the steps of a practical use case, from metadata in a research database to its publication as machine-actionable metadata in the LUMC FDP. Our implementation uses the Health-RI metadata schema, which is based on HealthDCAT-AP and supports preparation for the European Health Data Space (EHDS). This pilot showcases the collaborative effort, workflow, and tools involved. We demonstrate how metadata is collected, mapped, transformed, and published to support FAIR data discovery.

2B. Share. LH 5

EHDS in the LUMC



Charlotte van der Vos (Advanced Data Management, LUMC)

The European Health Data Space (EHDS) framework will impact the access to health data across the European Union. During this session, the impact of the EHDS on the secondary use of health data within the LUMC is explained. The current preparations and future plans within the LUMC are shared, and the impact it will have on researchers and research support will be discussed. How will the EHDS impact your work and what opportunities will it create?

2C. Collaborate. J01-117

From consulting room to dataset: doing research with ELAN



Aidan Kloots (Psychiatry, LUMC)

This session walks through real research examples using ELAN, LUMC's network of routine healthcare data. Discusses several studies from research question and helps you formulate your own: which data were selected, how ELAN data (diagnoses, prescriptions, lab values, referrals) is combined with CBS microdata on income, education, household, and mortality, and what this linkage made possible. We show which datasets are available within ELAN, how linkage with CBS works in practice, and what to consider when designing your own study. Learn about the possibilities and intricacies of the multicenter ELAN data.

Target audience: *Researchers* *Research supporters* *LUMC employees* *External visitors*

Parallel session 3

3A. Support. LH 3

Increase the impact of your research with data packages



Paula Ramos-Silva (Advanced Data Management, LUMC)

Reproducibility in clinical research remains a major challenge, while the sensitive nature of patient data can make data sharing and reuse difficult. At the same time, funders, journals, and institutions increasingly expect researchers to adopt transparent and FAIR data practices. In this workshop, you will learn practical approaches for organising, documenting, and managing research data throughout the research lifecycle. Through hands-on exercises, you will create a publication-ready data package and gain experience with the documentation needed to support data sharing, archiving, reproducibility, and future reuse.

3B. Share. LH 5

Sustainable models for data availability under the EHDS

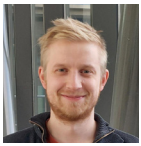


Rick Overkleeft (4Medbox)

The EHDS opens the door to new ways of managing and leveraging health data. A key opportunity is the creation of a sustainable framework for datasets that remain within your organization while becoming more discoverable, reusable, and valuable. Another key opportunity is the reuse of data from other parties for better insights into your own data. This presentation offers a brief overview of the different opportunities enabled by the EHDS.

3C. Collaborate. J01-117

Opal workshop: a place to store and share your data





Lars van der Burg & Laurent Paardekooper (Advanced Data Management, LUMC)

Opal is an open-source web-based data warehouse application, that can be used as a data warehouse for research data. It serves as a central place to bring together, store and share research data with collaborators within and outside the LUMC. Whether you work with data from multiple sources, collaborate with multiple partners or want to make your research visible to the world, Opal is the platform for you. The Advanced Data Management section can help design, manage and maintain your research data in Opal to best fit your needs. Contact us for an intake meeting to discuss your needs and possibilities. For this session, bring a laptop with R and R Studio installed.

Target audience: *Researchers* *Research supporters* *LUMC employees* *External visitors*

Market participants

1. **Research Support Desk (RSD)**
   The RSD is the central place for all questions about research that aims to make research more efficient by quickly connecting people with questions to people with answers.
2. **Data Stewardship**
   Advanced Data Management (ADM) offers training, advice, and support in research data management and stewardship. We build and support a network of data stewards at LUMC and help researchers make their data FAIR.
3. **Software Stewardship**
   Advanced Data Management (ADM) offers guidance, training, and tools for sustainable research software management, supporting FAIR and Open Science. In our Coding Cafés, researchers can connect, share experiences, and discuss software development challenges.
4. **Castor**
   With Castor EDC you can create your own database for capturing (clinical) research data. Advanced Data Management (ADM) provides training, consultation, technical support, and database development services for researchers using Castor EDC.
5. **Opal data warehouse**
   Opal is an open source web-based database application, that can be used as a data warehouse for research data, serving as a central place to bring together, store and share research data. Advanced Data Management (ADM) offers support for and database development services in Opal.
6. **Dataplatform**
   The Dataplatform is a place in which healthcare, business and education data from LUMC come together. This data can be used for research purposes.
7. **AnDREa**
   anDREa is a Digital Research Environment for online collaboration and secure data sharing, enabling everyone involved in a multicenter or international research project to work safely and efficiently with the same datasets and tools.
8. **SampleNavigator**
   SampleNavigator is a sample management system for biobanks, clinical studies, and other research projects, designed to track and manage the samples stored in your liquid nitrogen tanks and freezers.
   Electronic Lab Notebook (ELN)
   The ELN is a software system that enables researchers to document their laboratory work, making research information easy to share, search, and retrieve.

9. **CTCue**
   CTCue helps LUMC researchers find eligible patients and collect structured and free-text HiX data for approved research using AI-assisted search and governance-controlled access.
10. **Extramuraal LUMC Academisch Netwerk (ELAN)**
    ELAN is a research infrastructure through which data, insights and experiences of healthcare professionals and patients in the region are disclosed. It offers the foundation of transdisciplinary research, well-considered decisions and effective policy.
11. **Dutch REsearch in child and Adolescent Mental health (DREAMS)**
    DREAMS is a collaboration between four academic child-and adolescent psychiatry centers in the Netherlands. By systematically collecting questionnaire data throughout the course of care, DREAMS supports clinical practice and research.
12. **Health-RI**
    Health-RI builds the Dutch integrated health data infrastructure. Discover our National Health Data Catalogue and other tools and services supporting researchers in finding, accessing and reusing health data.
13. **Leiden Bio Science Park**
    We connect the Leiden Bio Science Park ecosystem through data: providing insights on organizations, talent, research, education, and building communities for data professionals to support, share and collaborate.
14. **Directorate Research & Valorisation (O&V)**

    - **Consortium Coordination (CoCo)**

    Team CoCo offers support for large scale national and international research projects, including coordination of communication, deadlines, reporting, and financial administration.

    - **Clinical Trial Center (CTC)**

    The CTC LUMC assists researchers in the startup phase of sponsor-initiated clinical trials. We provide support from initial sponsor contact until site initiation visits.

    - **Financial project advice**

    Financial Project Advice supports researchers with budgeting, reporting, and financial management of research projects. We provide advice and practical support for funding applications and financial accountability.

    - **LBSP collaboration**

    The Leiden Bio Science Park (LBSP) project team strengthens connections between LUMC researchers, companies and organizations across the park and Leiden region.

    - **LURIS Business development**

    LURIS Business Development helps researchers protect and valorize innovations and intellectual property. We offer advice and support to translate research findings into societal and commercial impact.

- **LURIS legal**

LURIS Legal supports researchers with research contracts and agreements. We provide advice and guidance on drafting, reviewing, and negotiating arrangements for research collaborations and data sharing.

- **LUMC Office for Regulatory Affairs (LORA)**

LORA helps researchers navigate the regulatory path from early research towards clinical development. We advise on regulatory strategy, product development, and evidence requirements, plus we support interactions with regulatory authorities.

- **Research policy & Fundraising**

Research Policy & Fundraising supports research strategy, policy development, and external representation. We also provide guidance on fundraising, alumni relations, and science communication to help strengthen research at LUMC.

- **Subsidy advice**

Subsidy Advice supports researchers in identifying funding opportunities and preparing competitive grant applications. We provide information on funding calls, guidance on major funding programs, and support for fellowship and research grant applications.

15. **Open Access publishing**

Want to publish your work in a visible, accessible, and sustainable way? Open Access Publishing helps you reach the right audience, comply with funder requirements, and make your research outputs openly available.

16. **Walaeus library**

The Walaeus Library helps researchers find, evaluate, publish, and share knowledge through support for literature searching, open science, research impact, and evidence synthesis.

17. **Research Ethics Committees**

- **Medical Research Ethics Committee Leiden Den Haag Delft (METC LDD)**

The METC LDD is a recognized committee for the mandatory review of medical-scientific research with humans for studies that take place in the Netherlands, subject to the WMO, MDR, IVDR and CTR.

- **LUMC non-WMO committee**

The Central non-WMO research Committee (niet-WMO-cie) reviews all LUMC clinical research without Biological Materials not subject to the Dutch WMO.

- **LUMC Review Committee Biobank & Biomaterials (TCBio)**

The TCBio reviews requests for the collection of biomaterials and related data, and their use in medical research not subject to the Dutch WMO.

18. **Directorate Kwaliteit Patientenzorg en Onderzoek (DKP)**

- **Clinical research quality**

The clinical Research Quality Team supports researchers at the LUMC in conducting scientific research in accordance with applicable laws and regulations. This concerns both WMO and non-WMO research. Examples include monitoring, training, and support for SMS PaNaMa.

- **Lab research quality**

How good is your research data quality — and how could it improve? Discover how PDSA (Plan-Do-Study-Act) can help you explore, discuss and improve data quality in your team.

- **Techno Information Point (TIP)**

TIP is your gateway to Medical Technology, MDR and IVDR support. Whether you are developing, adapting, purchasing, implementing, or using medical technology, TIP can help you navigate regulatory requirements and institutional frameworks.

19. **Platform Qualitative Research (PKO)**

PKO is a network of experienced and novice LUMC researchers who conduct qualitative research. It aims to facilitate learning, knowledge exchange, and mutual support among researchers.

20. **Research Facilities - Biobank Facility**

Do you want to collect and store body material and clinical data for future research? Setting up a biobank collection can be arranged centrally at the LUMC via the LUMC Biobank Facility.

21. **Research Facilities**

- **Biosafety Level 3 Facility**

The biosafety level 3 facility provides high-containment laboratories for research on pathogenic viruses and bacteria, including airborne and high-risk human pathogens. The DM-III unit enables high-containment mouse studies, for example on vaccination and drug efficacy.

- **Central Animal and Transgenic Facility**

The Central Animal and Transgenic Facility provides housing and care for laboratory animals and supports researchers in conducting ethically responsible in vivo studies. We offer expertise in experimental design, model development, and animal welfare.

- **Leiden hiPSC Center**

The Leiden hiPSC Center generates research-grade human iPSC lines and CRISPR/Cas9 modification for isogenic controls, knock-outs and reporters. We provide characterized control lines, training, and differentiation protocols for several cell types.

- **Center for Microbiome Analyses and Therapeutics**

The Center for Microbiome Analyses and Therapeutics provides state-of-the-art platforms to characterize host–microbiota interactions and to study microbial community dynamics and therapeutic modulation.

- **Data analytics**

Data analytics provides advanced quantitative and computational methods and pipelines tailored to biomedical and clinical research questions, including methodological support and collaboration, and drawing on the latest developments in AI and LLMs.

- **7 Tesla MRI Facility**

The 7 Tesla MRI facility provides high-field MRI for in vivo human studies, delivering exceptional spatial and functional resolution for neuroimaging and biomedical research.

- **Light Microscopy**

The Light Microscopy facility provides advanced optical imaging systems for cellular and molecular research, with training and assistance in imaging and quantitative analysis of live-cell and fixed specimens.

- **Preclinical Imaging Facility**

The Preclinical Imaging Facility provides in vivo small-animal imaging: MRI, CT, SPECT, (functional) ultrasound, photoacoustics, fluorescence and bioluminescence, with support for study design, protocols and analysis.

- **Center for Proteomics and Metabolomics**

The Center for Proteomics and Metabolomics provides advanced mass spectrometry and related technologies for analysis of proteins, metabolites, lipids and glycans, including method development, data interpretation and integrative omics research.

- **Flow Cytometry Core Facility (FCF)**

The FCF provides flow cytometry, cell sorting and mass cytometry for research and diagnostics. Training, education, consultancy and on-site support are available for all research projects; from simple experiments to high-dimensional cellular phenotyping.

- **Leiden Genome Technology Center (LGTC)**

The LGTC provides state-of-the-art genomics and transcriptomics, including single-cell, spatial and long-read sequencing. Support runs from sample preparation to data acquisition, with tailored workflows for complex genomic studies.

- **Center for Cell and Gene Therapy**

The Center for Cell and Gene therapy provides infrastructure and expertise for translational and clinical cell and gene therapy, including GMP-compliant manufacturing and cleanroom space for scalable, regulatory-aligned production of ATMPs.

- **Peptide Facility**

The Peptide Facility provides chemical synthesis of high-quality peptides of 5-100 amino acids in small and large quantities: custom sequences, peptide libraries, HLA tetramers and peptide-based reagents, with full analytical characterisation.

- **Protein Facility**

The Protein Facility provides infrastructure for protein expression, purification and comprehensive biophysical characterization from gene to structure, supporting academic and industry projects that need bespoke protein production and analysis.

- **Viral Vector Facility**
  The Viral Vector Facility provides research-grade viral vectors: lentiviruses and adeno-viruses. Arrayed shRNA and CRISPR libraries are also available.

22. **Research Facilities - Electron Microscopy**
    The Electron Microscopy facility provides researchers with structural insights beyond the resolution of light microscopy. At the market we will present all possibilities on a screen.
23. **Clinical Research Center**
    The Clinical Research Center offers support for single and multicenter trials and registries, national and international, and in all stages of the project from protocol to publication.
24. **Digitally Connected**
    The Digitaal Dichtbij Data engineering team supports research infrastructure through cross-departmental data stewardship. Learn more about their work and the broader data-driven research strategy.
25. **Netherlands Cohorts Consortium (NCC)**
    NCC is a nationwide large scale infrastructure for population health sciences. NCC will make Dutch cohort data, linked a.o. to CBS, jointly available for health research.
26. **Clinical Epidemiology services**
    Our mission at Clinical Epidemiology is to do excellent research and help others to do the same. We perform esearch in close collaboration with clinical departments and provide education from study design to advanced epidemiological methods.
27. **Clinical Epidemiology cohorts**
    Our longitudinal cohorts and biobanks support research into myalgic encephalomy-elitis/chronic fatigue syndrome (ME/CFS), post-COVID, persistent symptoms after Lyme disease and other postinfectious syndromes. Explore the clinical data, biological samples and opportunities for collaborative biomedical research.
28. **Sequencing Analysis Support Core (SASC)**
    SASC provides support with Next Generation Sequencing data analysis with expertise of the biological/medical field and of algorithms, software development, and Linux based HPC infrastructure.
29. **Medical Statistics**
    Medical Statistics offers advice to researchers on the most appropriate methods for their questions, including research design, sample-size calculations and statistical analyses that can involve development of advanced statistical methods.
30. **Medical Decision Making**
    Medical Decision Making offers support in research on cost-effectiveness, (de-) implementation, doctor-patient interaction and decision making, quality of life and wellbeing, patient-centered care, preferences and Value-based Health Care.

Closing

Thank you for joining the LUMC Research Data Day 2026 **Support. Share. Collaborate.** We hope today inspired new ideas, meaningful conversations and future collaborations. Our sincere thanks go to Open Science NL, all market participants, speakers and contributors for making this event possible.

We look forward to seeing you again at the next Research Data Day.

Evaluation form

To help us improve future editions, we kindly ask you to complete the evaluation form via the QR code below.

https://edu.nl/3v9qf


RESEARCH
DATA DAY