



## MR LATVIA – Operational Rules

### Introduction

These operational rules set out the principles governing the operation of the Research Infrastructure (RI) supported by the European project “Development of NMR in Latvia” (MR LATVIA), funded under the HORIZON-WIDERA-2023-ACCESS-02 call (Grant Agreement No. 101160091). The objective of the project is to consolidate NMR resources and provide open access to state-of-the-art NMR spectrometers for scientific, academic, and industrial users throughout the Baltic region.

These rules are provided to all users and complement, but do not replace, the internal regulations of the Latvian Institute of Organic Synthesis (LIOS).

### Facility Information

Site	NMR Frequency	NMR Instrument	Scientific Manager	Local Operator
			Dr. Alons Lends <a href="mailto:alons.lends@osi.lv">alons.lends@osi.lv</a>	Dr. Ruslans Muhamadejevs <a href="mailto:muhamadejev@osi.lv">muhamadejev@osi.lv</a>
LIOS	600 MHz (100 hours)	Bruker Avance Neo 600 MHz		
LIOS	400 MHz (100 hours)	Bruker Avance Neo 400 MHz		
LIOS	300 MHz (200 hours)	Bruker Fourier 300 MHz (available for Industry)		

## **Project Selection Process**

### **Submission procedure**

In period from February 2026 to August 2027, users submit project proposals via the MR LATVIA portal using individual login credentials. Confirmation emails are automatically sent to the user, local operator, and scientific manager.

- Experienced or expert users' projects are evaluated by the scientific manager and local operator for feasibility, with incomplete or unsuitable proposals subject to rejection.
- New users may submit brief proposals for initial assessment, after which support is provided to submit a full proposal appropriate to the site capabilities.

### **Evaluation and Acceptance**

Two experts from the Project Selection Panel independently review proposals. Users are notified electronically of acceptance or rejection. Upon acceptance, users receive the experts' evaluation and scheduling details via their secure account.

### **Project monitoring and closure**

Project progress is tracked, with visit and experiment dates recorded in the system. Upon project completion, users fill out a satisfaction survey and submit a closure form. Comprehensive records are maintained for performance monitoring and certification.

### **Access Conditions**

#### **Eligibility and priority**

- Access is prioritised for users from countries different than those hosting the installations, especially Baltics (Lithuania, Estonia), in accordance with Horizon Europe principles and unless access is granted to international organisations, Joint Research Centre (JRC), ERICs or equivalent entities.

- Access is granted only to user groups able to disseminate results generated under the action, except for commercial industrial users.
- Industrial users may also receive free access to Spectrometer 300 MHz, if project results are openly disseminated within the MR LATVIA network.
- User groups with a majority of members outside the EU or Horizon Europe Associated Countries are limited to 20% of total access units under the grant.
- Projects from new users or countries lacking NMR infrastructure are given the highest priority in scheduling.

### **Virtual access**

Free virtual access to digital research infrastructure resources is provided via open communication networks, including normal user support, without selective restrictions on users.

### **Fees**

Access for academic users is free of charge. Industrial users are offered free access only if results are disseminated within the integrated facility, excluding SMEs. For industry projects with sensitive intellectual property rights, fees are established in line with the published MR LATVIA price list: [Industry offers](#).

### **Visit durations and scheduling**

Visits range from half a day to two weeks, including sample preparation and setup. New users are encouraged to participate fully in measurement and data analysis for capacity building. Priority scheduling aims for two-week availability for new or under-resourced country users, and within one month for others.

## User independence

Users conduct experiments independently with staff support but without direction. Non-expert users receive closer supervision. Conflicts of interest are managed through project referral or rejection.

## Data Protection and Reporting

Anonymous statistics on users, projects, and publications are collected and published to ensure transparency and effective impact assessment.

## Operational Details

- Access is via the MR LATVIA portal, generally Monday to Friday, 08:00–16:00 CET, subject to local site regulations.
- Facilities include laboratories, computing rooms, and network services. Users must respect site rules and report anomalies promptly.
- Installation or removal of software on control computers is prohibited. Data storage is limited to NMR data files. Network access for user laptops requires prior approval. IT support is available via [delta@osi.lv](mailto:delta@osi.lv).
- Scientific support staff assist with experiment setup, data acquisition, analysis, and computational needs.
- Logistical support includes office space, consumables (on-site use only), and administrative assistance with accommodation and transport (at MR LATVIA and partially user expense). The amount of support will be calculated based on submitted project specifics.
- User data is available within 48 hours after early departure; backing up and archiving is the user's responsibility. Data are stored on-site for 30 days with optional extended archiving.
- Sample shipping and safety compliance are user responsibilities. Hazardous samples, infectious agents, and radioactive materials are prohibited. Safety rules, including restrictions near magnetic fields, apply rigorously.

## **Acknowledgement**

Results publications must include the following acknowledgement:

*“The authors acknowledge financial support from the European Union under the HORIZON-WIDERA-2023-ACCESS-02 programme (Grant Agreement No. 101160091).”*

Presentation materials should include the MR LATVIA logo where applicable.

## **Amendments**

These operational rules constitute the general service conditions. The Coordinators define detailed procedures, and the Project Manager approves necessary amendments.