

HANDS-ON METABOLOMICS: FROM BENCH TO DATA


INSA
 Toulouse


23.11 to
27.11.2026
Duration
4.5 days
31 hours
Registration
deadline
03.11.2026

PROGRAMME

DAY 1
Basics of Metabolomics

Principles, strategies and study design

DAY 2
Acquisition and processing in MS

From sample to data

DAY 3
Acquisition and processing in NMR

From sample to data

DAY 4
Statistics & Chemometrics

 Preprocessing, annotation, statistics,
 multivariate analysis

DAY 5
Workshops

 Metabolic networks, Fluxomic, or
 lipidomics ! Up to you !

**ASSESSMENT &
CERTIFICATE**
**DESIGNED BY
NATIONAL
INFRASTRUCTURE
METABOHUB**
**ENGLISH
MATERIALS FOR
PRESENTATIONS**

F Bellvert - MS & Fluxomics
J Bertrand-Michel - Lipidomics
E Cahoreau - NMR
C Canlet - NMR
R Cordazzo - Metabolomics & plant
L Cottret - Bioinformatics
N Creusot - Metabolomics & ecotox
L Debrauwer - MS
Y Guillon - Chemometrics
M Heuillet - MS
E Jamin - MS
F Jourdan - Bioinformatics
H Kulyk - MS
P Le Faouder - Lipidomics
M Liotier - Bioinformatics
M Maravat - NMR
P Pétriacq - Plant Biochemistry
L Peyriga - NMR & Fluxomics
T Richard - NMR
M Tremblay-Franco - Statistics
J Valls - Metabolomics & plant


Practical sessions everyday

Fees*
2050 € for academics

2900 € for industrials

 *Teaching materials and
 lunches included

Contacts
Scientific coordinators

Marie Tremblay-Franco, IR, INRAE

Pierre Pétriacq, DR, INRAE

Informations and registrations

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Target audience

10 to 20 participants

- Academics or industrials
- Researchers, engineers, technicians, PhDs and post-docs
- Biologists, analysts


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