

# SPRi Training Course

## Reference

SPRi2

## Price

2 420€ per attendee

## Duration

4 days

## Dates

26-29 February and 3-6 September 2024.

## Schedule

From 9 am to 5.30 pm

## Registration deadline

26 January and 3 August 2024.

## Location

14 Boulevard Thomas Gobert,  
91120 Palaiseau - France

## Prerequisites

Dedicated to HORIBA customers only and knowledge of the technique and equipment.

## Who should attend

OpenPlex users People wishing to acquire an OpenPlex For this training the attendees should be from the same team.

## Certification

A diploma is delivered at the end of the course.

## Learning method

Theoretical presentation and instruments practice.

## Course language

English

## Objectives

- Learn how to optimize experimental conditions in function of interactions to analyze.
- Learn how to spot the biochip.
- Master the use of the SPRi system.
- Learn how to analyze data.



## PROGRAM

### Day 1

- How to choose the biochip according to the molecules to immobilize
- How to optimize spotting: concentrations, buffers, reference, etc.
- The important experimental parameters to be tested for SPRi: pH, running buffer, temperature, etc.
- Advices about the experiments: duration of kinetics, flow rate, regeneration, etc.
- Establishment of an experimental protocol

### Day 2

- Choose suitable surface chemistry for immobilized ligands
- Perform spotting based on the previously defined protocol
- Advices about the maintenance of the instrument

### Day 3

- Carry out the SPRi experiment as described in the protocol
- Master the use of the chosen SPRi device (OpenPlex)

### Day 4

- Reminder on interaction kinetics
- Software use
- Data analysis