

KLS SUMMER SCHOOL

KIEL  
LIFE  
SCIENCE

PROGRAM

SPATIAL METABOLOMICS  
IN COMPLEX  
BIOLOGICAL SYSTEMS

AUGUST 31–SEPTEMBER 4, 2026  
KIEL UNIVERSITY, KIEL, GERMANY

## MONDAY, AUGUST 31, 2026

|             |                                                                                                     |
|-------------|-----------------------------------------------------------------------------------------------------|
| 14:30–16:00 | Registration, Settling-In, Coffee                                                                   |
| 16:00–16:15 | Welcome/Intro<br>Manuel Liebeke & Joana Bernardes,<br>Kiel University, Germany                      |
| 16:15–17:15 | Keynote Lecture Plant Spatial Metabolomics<br>Nanna Bjarnholt, University of Copenhagen,<br>Denmark |
| 17:15–17:30 | Group Photo                                                                                         |
| 17:30       | Ice Breaker and Get together with Finger Food<br>and Drinks                                         |

## TUESDAY, SEPTEMBER 1, 2026

|             |                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------|
| 09:00–11:30 | Sample Preparation MSI methods<br>Manuel Liebeke, Kiel University, Germany                    |
| 12:00–13:00 | Lunch Break, Meet the Experts, Round Tables                                                   |
| 13:00–17:00 | Data analysis (MSI), Applications<br>Marco Giampa, VIB Metabolomics Core –<br>Leuven, Belgium |
| 17:15       | Poster walk including Finger Food and Drinks                                                  |

## WEDNESDAY, SEPTEMBER 2, 2026

|             |                                                      |
|-------------|------------------------------------------------------|
| 09:00–10:30 | Pathology-FFPE<br>Peter Verhaert, KU Leuven, Belgium |
| 10:30–10:45 | Coffee Break                                         |
| 10:45–12:00 | Pathology FFPE<br>Peter Verhaert, KU Leuven, Belgium |
| 12:00–13:00 | Lunch Break, Meet the Experts, Round Tables          |
| 13:00–15:30 | Hands-on Lab                                         |

|             |                    |
|-------------|--------------------|
| 15:30–16:30 | Keynote Lecture    |
| 19:00       | Dinner Pizza-Night |

## THURSDAY, SEPTEMBER 3, 2026

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| 09:00–11:00 | Spatial Transcriptomic – Metabolomics<br>Joana Bernardes, Kiel University, Germany  |
| 11:00–11:15 | Coffee Break                                                                        |
| 11:15–12:15 | Spatial Transcriptomic – Metabolomics<br>Joana Bernardes, Kiel University, Germany  |
| 12:15–13:15 | Lunch Break, Meet the Experts, Round Tables                                         |
| 13:15–15:00 | Data Integration<br>Antton Alberdi Estibaritz, University of<br>Copenhagen, Denmark |
| 15:00–15:15 | Coffee Break                                                                        |
| 15:15–17:00 | Data integration<br>Antton Alberdi Estibaritz, University of<br>Copenhagen, Denmark |
| 19:00       | Get together                                                                        |

## FRIDAY, SEPTEMBER 4, 2026

|             |                                                                          |
|-------------|--------------------------------------------------------------------------|
| 09:00–09:45 | Industry Talk                                                            |
| 09:45–10:00 | Coffee Break                                                             |
| 10:00–10:45 | Career Talk (Academic or Private Industry)                               |
| 10:45–11:00 | Coffee Break                                                             |
| 11:00–11:45 | Start-up Talk (Greifswald)                                               |
| 11:45–12:00 | Goodbye<br>Manuel Liebeke & Joana Bernardes,<br>Kiel University, Germany |