

# Biacore X100 training



## Faculty of Biology, Sofia University

14 - 15 December 2021

### Agenda

#### DAY 1 (Tuesday, 14 December 2021)

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|-------|--|
| 9:30  | <b>Lecture:</b> Introduction to Biacore SPR technology & Biacore X100 system |
| 10:15 | <b>Lecture:</b> Biacore assay development I                                  |
| 11:15 | <b>Break</b>   |
| 11:30 | <b>Experimental:</b> Get to know Biacore X100 system and Control Software    |
| 12:00 | <b>Experimental:</b> Sensor chip surface preparation                         |
| 13:00 | <b>Lunch break</b>   |
| 14:00 | <b>Lecture:</b> Biacore assay development II                                 |
| 14:45 | <b>Lecture:</b> Kinetics & affinity analysis in Biacore                      |
| 15:30 | <b>Experimental:</b> Binding test using manual run                           |
| 17:30 | <b>End of the day</b>  |

#### DAY 2 (Wednesday, 15 December 2021)

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|-------|--|
| 9:30  | <b>Experimental:</b> Binding kinetics analysis                 |
| 11:00 | <b>Break</b>   |
| 11:15 | <b>Lecture:</b> Application of Biacore Technology              |
| 12:15 | <b>Lecture:</b> Biacore X100 instrument maintenance            |
| 13:00 | <b>Lunch break</b>   |
| 14:00 | <b>Experimental:</b> Biacore X100 Evaluation software overview |
| 14:15 | <b>Experimental:</b> Results evaluation                        |
| 16:30 | <b>Experimental:</b> Instrument maintenance                    |
| 17:00 | <b>Q&amp;A</b>   |
| 17:30 | <b>End of the day</b>  |

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