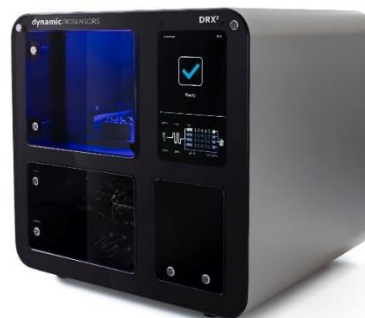


Seminar & Demonstration of the DRX switchSENSE® Platform from Dynamic Biosensors

Seminar: **Great Lecture Hall**

Demo: **Proteinski laboratorij I** (Dep. Molecular Biology and Nanobiotechnology, 1st floor)

switchSENSE® is a novel molecular interaction technology that combines high sensitivity kinetics with structural measurements of size and space on a highly flexible nucleic acid based biolayer.



Schedule:

Tuesday 9th May:

- 10 am, Seminar: Introduction to switchSENSE® technology
- 10:30 am, Experimental demonstration – Polymerases at work – measurement of binding kinetics and real time elongation rates.
- 11:00 am, Experimental demonstration of protein-protein interaction using switchSENSE. Human carbonic anhydrase and its specific antibody.
- 2 pm, Measurement of Project 1 (Katja)

Wednesday 10th May

- 9 am, Measurement of Project 2 (Fabio/Lenny).
- 11 am, Coupling procedure – how to easily couple your molecule to complementary nanolevers.
- 3 pm, How to purify complementary nanolevers.
- 4 pm, Measurement of Project 3 (Simon).

Thursday 11th May

- 9 am, Measurement of Project 4 (Anastasija).

Friday 12th May

- 9 am, Uninstallation and packing.
- 10:30 am, Wrap up session with everybody involved in demo measurements.

Feel free to pop in to see the instrument at any time!

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