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Core Facility Biomolecular Ineractions and Crystallization
would like to invite you to

SPR workshop: Applications in life science

15 - 16/11/2018

One of the analytical technique for evaluation of receptor-ligand interaction. Applications of SPR include biotherapeutic and drug discovery research, as well as protein activity and stability analysis. SPR is suitable also for characterization of membranes, lipids, nucleic acids and micellar systems. SPR system represents one platform for characterization of biomolecular interactions - kinetics, affinity, specificity, concentration and thermodynamics.
2-days workshop will be focused on the applications of SPR systems in life-science and will include morning lecture part nad day and half practical part.

SPEAKER: **JEAN-BAPTISTE REISER** *(IBS, Grenoble)*
JAKOB WALLNER *(BOKU, Vienna)*
IVANA VÍŠOVÁ *(VŠCHT, Praha)*
JOSEF HOUSER *(CEITEC MU, Brno)*

WHEN: **November 15th – 16th 2018**

WHERE: **A35/211** *(lectures)*, **A4/218** *(practicals)*

DEADLINES: **October 15th 2018**

For more information, please contact us at **bic@ceitec.cz**

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 692068. Disclaimer: This poster reflects only the author's view and the Research Executive Agency is not responsible for any use that may be made of the information it contains.

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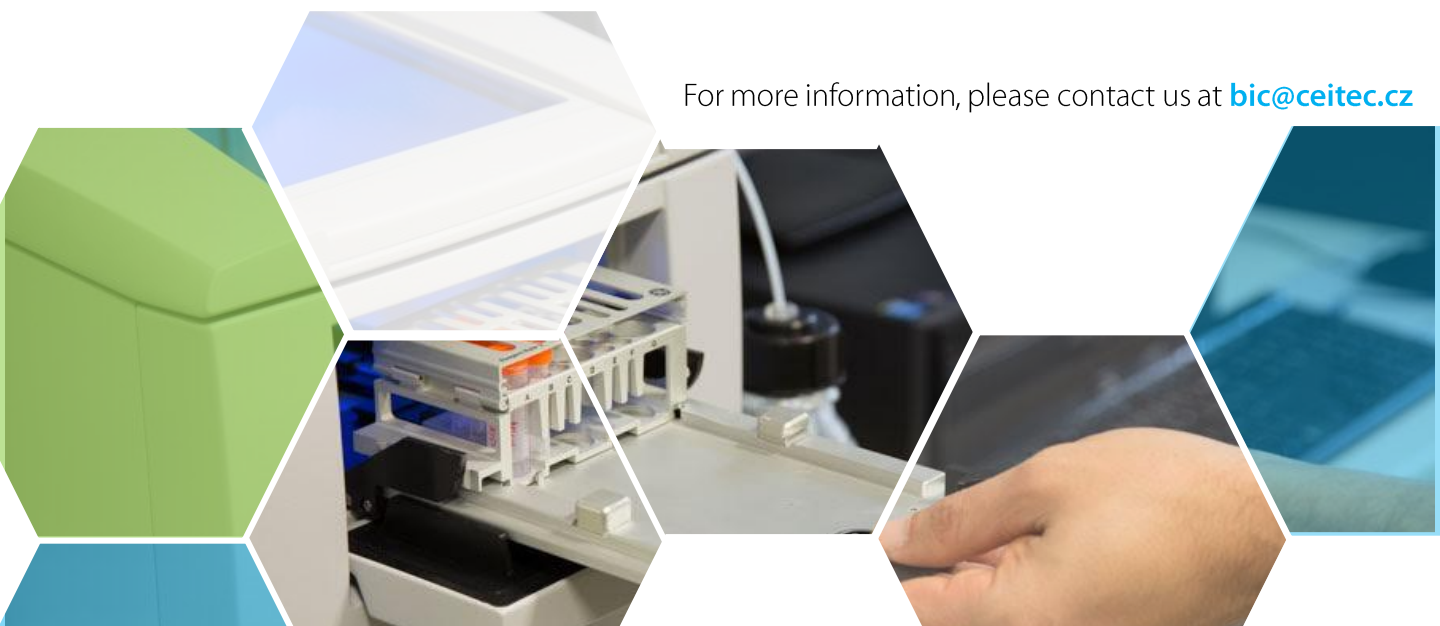

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SPR workshop: Applications in life science

Thursday - November 15th

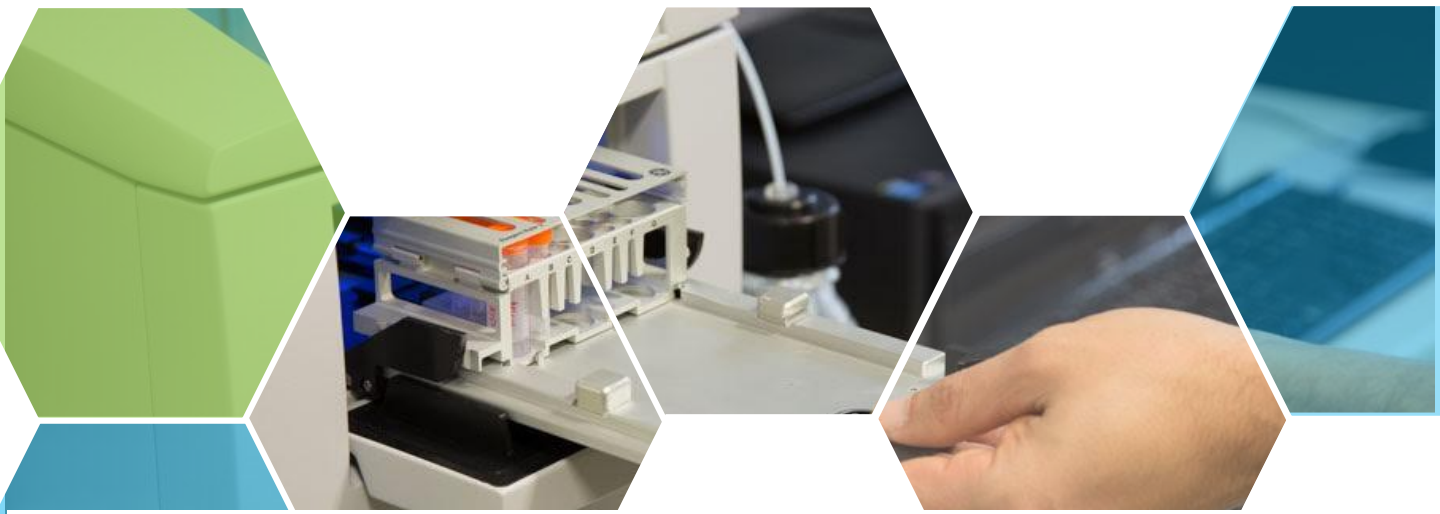
A35/211 *(lectures)*

9:30 – 10:00	**Registration**
10:00 – 10:15	Welcome (*Michaela Wimmerová*)
10:15 – 11:15	Introduction and theory to SPR *(Jean-Baptiste Reiser)*
11:15 – 11:45	Surface modification in SPR *(Ivana Víšová)*
11:45 – 13:00	**Lunch**
13:00 – 13:30	Bio-layer interferometry (BLI) (*Jakob Wallner*)
13:30 – 14:00	SPR at BIC Core facility (*Josef Houser*)
14:00 – 14:30	**Coffee break**
14:30 – 16:30	SPR data evaluation *(Jean-Baptiste Reiser)*
16:30 – 17:00	Discussion

Friday - November 16th

A4/218 *(practicals)*

	GROUP A	GROUP B
8:30 – 10:30	**BiaCoreT200 (*J.B. Reiser*)**	**BLITZ (*J. Wallner*)**
10:30 – 12:30		**SPR Imaging (*I. Víšová*)**
12:30 – 13:30	**Lunch**	
13:30 – 15:30	**BLITZ (*J. Wallner*)**	**BiaCoreT200 (*J.B. Reiser*)**
15:30 – 17:30	**SPR Imaging (*I. Víšová*)**	



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