

# New Technologies in Genome Analysis Course

We kindly ask you to register yourself on the following [registration link](#).

Tuesday 17<sup>th</sup> January

Accommodation provided in [Campea Aparthotel](#) in University Campus Brno

Instructions how to get to University Campus (to Campea Apart hotel and to CEITEC institute) can be found [here](#).

**19:00**

Welcome introduction by Prof. Pospisilova and Dr. Tichy in Campea hotel

Wednesday 18<sup>th</sup> January (CEITEC - building A35, room 211, 2<sup>nd</sup> floor)

**9:00-10:15**

Introduction – basics of sequencing technology

**10:15-10:30**

Coffee break

**10:30-12:00**

Practical part – sequencing experiment

**12:00-13:30**

LUNCH in Academic Restaurant

**13:30-15:00**

Practical part – sequencing experiment

**15:00-15:15**

Coffee break

**15:15-17:00**

Practical part – sequencing experiment

**18:00**

DINNER in Campea Restaurant

Thursday 19<sup>th</sup> January (CEITEC - building A35, room 211, 2<sup>nd</sup> floor)

<b>9:00-9:45</b>	Lecture entitled <i>“NGS today and in the future”</i> by Vladimir Benes, EMBL, Heidelberg, Germany
<b>9:45-10:30</b>	Lecture entitled <i>“Application of NGS in clinical practice / in oncology”</i> by Richard Rosenquist Brandell, Uppsala University, Sweden
<b>10:30-11:00</b>	Coffee break
<b>11:00-11:45</b>	Lecture on Immunogenomics by Kostas Stamatopoulos, CERTH, Thessaloniki, Greece
<b>11:45-12:00</b>	Introduction to min-ION technology by Filip Pardy, CEITEC
<b>12:00-14:00</b>	LUNCH in Academic Restaurant
<b>14:00-15:00</b>	Lecture entitled Genome assembly – Size matters by Jan Provaznik, EMBL Heidelberg, Germany
<b>15:00-16:00</b>	Bioinformatics lecture entitled <i>RNA-seq data analysis – Practical assessment of the best practices</i> by Jonathan Landry, EMBL Heidelberg, Germany
<b>16:00-16:30</b>	Coffee break
<b>16:30-17:30</b>	Evaluation of experimental part
<b>17:30</b>	Transport to Mendel Square by trolley bus 25
<b>18:00</b>	Guided tour of Mendel Museum
<b>19:00</b>	DINNER in Brewery Pivovarska on Mendel Square

Friday 20<sup>th</sup> January - departure