

Advanced Methods of Functional Genomics

Biology Center CAS, Branisovska 31, Ceske Budejovice, April 20-22

- **Lectures** – just come, no need to register (no fee, unlimited capacity)
- **Tutorial** – please “make reservation” by e-mail request to david.dolezel@entu.cas.cz (no fee, but number of participants is limited)

Monday April, 20

Lectures (Congress hall of Biology Center, Branisovksa 31):

9:00 – 10:45	Microscopy (Stefan Terjung)
10:45 – 11:00	Break
11:00 – 12:15	Genome editing (Michal Zurovec)
12:30 – 13:30	Lunch break
13:30 – 16:30	RNA Interference (Faba)

Tutorial* (Computer room PC #1, Branisovksa 31), Number of participants: up to 20

18.00 – 19.30	Mass spectrometry (Jeroen Krijgsveld)
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? Optional Tutorial* – (Congress hall of Biology Center Number of participants: up to 20)

17:00 – 18:30	Image analysis (Stefan Terjung, Beate Neumann)
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Tuesday April, 21

Lectures (Congress hall of Biology Center, Branisovksa 31):

9: 00 – 12:15	proteomics (Jeroen Krijgsveld)
12.30 – 13.30	Lunch break
13:30 – 16:30	protein expression (Hüseyin Besir)

Tutorial* (Computer room PC #3, Branisovksa 31), Number of participants: up to 20

17.00 – 19.00	siRNA design (Beate Neumann)
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Wednesday April, 22

Lectures (Congress hall of Biology Center, Branisovksa 31):

9: 00 – 12:15	Massively parallel sequencing I (Vladimir Benes, Jonathon Blake, Tobias Rausch)
12.30 – 13.30	Lunch break
13:30 – 15:00	Massively parallel sequencing II (Vladimir Benes, Jonathon Blake, Tobias Rausch)

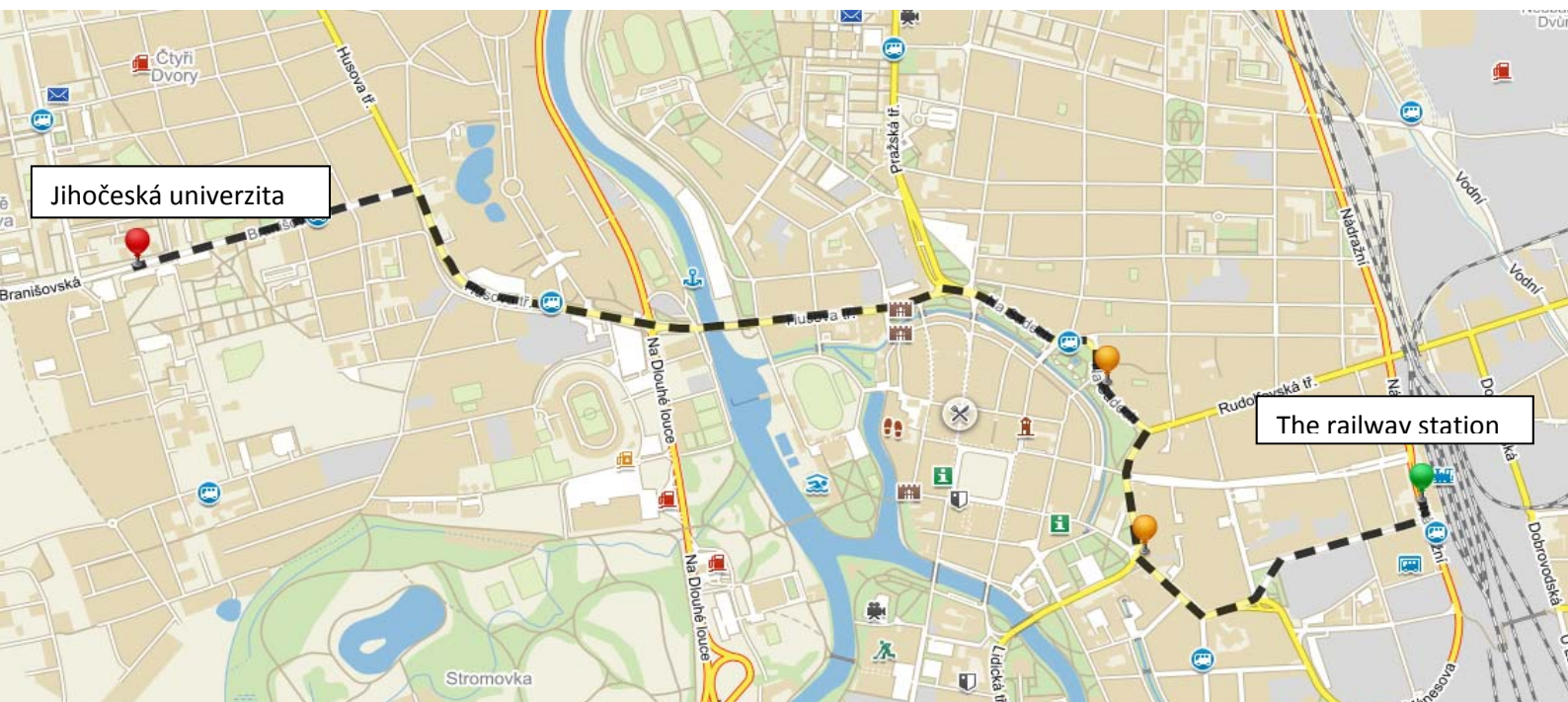
Tutorial – (Kongress hall of Biology Center), Number of participants: unlimited

15:00 – 16:00	Next generation sequencing analysis (Tobias Rausch) - variant calling (single-nucleotide variant calling & structural variant calling), population sequencing <i>de novo</i> assembly
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***Please, if you are interested in attending tutorial on Mass spec analysis, Image analysis or siRNA design, send an e-mail to David Dolezel (david.dolezel@entu.cas.cz)**

How to get there

Both bus and train station are located next to each other. Opposite to the main railway station building is the Mercury center. Bus number 3 will take you to the Jihočeská univerzita bus stop (Senovážné náměstí - pošta, Poliklinika Sever, U Zelené ratolesti, Výstaviště, Vysokoškolské koleje). Buy the ticket from the yellow ticket vending machine at the bus stop (13 czech crowns). Validate the ticket inside the bus. It takes around 15 min to reach Jihočeská univerzita bus stop. Cross the street and go to the Biology Center (see bottom picture). Enter Biology Center and follow instructions there.



We are not able to provide accomodation, however a few suggestions bellow are not too far (see the map).

Koleje Pedagog <http://kolejepedagog.cz/> +420 702 143 464

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