We invite you cordially to participate in the following seminar supported by the programme Interreg V-A Austria – Czech Republic 2014-2020:

# RIAT-CZ retreat

## Monday September 24th
### 9:30 – 17:00

## Hotel Galant, Mikulov, Czech Republic
*(Mlýnská 2, 692 01, Mikulov, CZ)*

9:30 – 10.00
**Arrival, welcome coffee**

10.00 – 10.30
**Introduction, state of project activities**
Lada Fialova

10.40 – 12.00
**Presentations of results of 5 pilot projects**
Pilot project leaders
Max. 15 minutes/pilot project

12.00 – 13.30
**Lunch**

13.30 – 15.15
**Presentations of results of 7 pilot projects**
Pilot project leaders
Max. 15 minutes/pilot project

15.15 – 15.45
**Coffee break**

15.45 – 17.00
**Presentations of results of 5 pilot projects**
Pilot project leaders
Max. 15 minutes/pilot project

17.00 – 19.00
**Individual programme**

19.30: Gathering at the hotel reception

20.00 – 02.00
**Dinner, wine tasting, networking**

*This seminar is organized with the purpose to show and discuss results of the 17 pilot projects implemented within the project RIAT-CZ.*

## Organized by:
### VBCF
### CEITEC – MU
### CEITEC-BUT
### IST Austria
### FNUSA-ICRC

EUROPEAN UNION

RIAT CZ

Interreg
Austria-Czech Republic
European Regional Development Fund

We invite you cordially to participate in the following seminar supported by the programme Interreg V-A Austria – Czech Republic 2014-2020:

# RIAT-CZ retreat

## Tuesday September 25th
### 9:30 – 14:00

## Hotel Galant, Mikulov, Czech Republic
*(Mlýnská 2, 692 01, Mikulov, CZ)*

8:30 – 09.30
**Breakfast**

09.30 – 10.30
**Open Access**
Katerina Vagnerova

10.30 – 11.45
**Individual discussions and planning of remaining project activities**
All project partners

Coffee will be provided throughout the whole morning session.

11.45 – 12.00
**Distribution of catalogues of services**

12.00 – 13.00
**Lunch**

13.00 – 14.00
**Possibility for further individual meetings if needed**
All project partners

13.00 – 14.00
**The 3rd Steering committee meeting**
Steering committe members

13.00 – 14.00
**Individual departure**

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**Time plan for presenting of pilot projects**

RIAT-CZ retreat

24th September 2018, Mikulov, CZ

Max. 10 minutes for presentation of each pilot project + max. 5 minutes for discussion

| Time | Pilot project | Project leaders |
|---|---|---|
| 10:40 – 10:55 | Site-matched Correlative AFM - Brillouin Light Scattering Mechanical property measurements | Kareem Elsayad/Petr Skladal |
| 10:55 – 11:10 | Development of HT phenotyping data analysis and visualization procedures | Jakub Jez/Natallia Valasevich |
| 11:10 – 11:25 | Single cell sequencing | Boris Tichy/Andreas Sommer |
| 11:25 – 11:40 | BioComputing training portfolio | Attila Gyenesei/Radka Svobodova |
| 11:40 – 11:55 | Motorater gait analysis | Sylvia Badurek/Agata Mischka-Schramm |
| **12:00 – 13:30 LUNCH** | | |
| 13:30 – 13:45 | Development and implementation of new custom phenotyping hardware: automated agar-plate screening | Jakub Jez/Natallia Valasevich |
| 13:45 – 14:00 | High field improvements for blood oxygenation dependent (BOLD) functional MRI (fMRI) in mouse models | Jelena Zinnanti/Michal Mikl |
| 14:00 – 14:15 | Galaxy Workflow tool for NGS and imaging data analysis | Manuel Pasieka/Radka Svobodova/Andreas Sommer/Boris Tichy |
| 14:15 – 14:30 | Nanostructured substrates for surface/plasmon enhanced fluorescence | Kareem Elsayad/Michal Urbanek |
| 14:30 – 14:45 | Development of cognitive function pipeline | Sylvia Badurek/Agata Mischka-Schramm |
| 14:45 – 15:00 | Development and implementation of new phenotyping hardware: custom multi-sensor phenotyping platform | Jakub Jez/Natallia Valasevich |
| 15:00 – 15:15 | Improved in situ visualization of regions of interest in eukaryotic cells using HPF and cryo FIB | Thomas Heuser/Jiri Novacek |
| **15:15 – 15:45 COFFEE BREAK** | | |
| 15:45 – 16:00 | Implementation of a QM system | Jakub Jez/Natallia Valasevich |
| 16:00 – 16:15 | Benchmarking of biomolecular interaction methods | Peggy Stolt-Bergner/Michaela Wimmerova |
| 16:15 – 16:30 | Development of pipeline for depression/anxiety-like behaviour | Sylvia Badurek/Agata Mischka-Schramm |
| 16:30 – 16:45 | Data management solutions and making experimental data available through simple web interfaces for experimental labs | Attila Gyenesei/Radka Svobodova |
| 16:45 – 17:00 | Development and implementation of a novel LED light source for plant growth - Environmental Simulation | Jakub Jez/Natallia Valasevich |