



**Interreg**  
**Slovakia-Austria**  
European Regional Development Fund



## 3rd StruBioMol Workshop

# Macromolecular structure determination, analysis and validation

**When:** Wednesday November 2<sup>nd</sup> and Thursday November 3<sup>rd</sup> 2022

**Where:** Vienna - University of Vienna, Max Perutz Labs

Dr. Bohrgasse 9, 1030 Wien on the 6<sup>th</sup> floor room 6.507 and room 6.105

### Day 1 Wednesday 02.11.2022

09:15 – 09:30 **Welcome**

09:30 - 10:30 **Overview to macromolecular crystallography**

(Kristina Djinovic-Carugo)

10:30 - 11:00 *Coffee break*

11:00- 11:45 **Solution of phase problem (focus on MR)**

(Vladena Bauerova)

11:45 - 12:30 **Refinement and model building**

(Jacob Bauer)

12:30 - 13:30 *Lunch*

13:30 – 17:00 **Practicals 1 - Molecular replacement, model building, refinement**

(Georg Mlynek)

19:00 *Dinner*

### Day 2 Thursday 03.11.2022

09:30 - 10:15 **Structure validation and analysis and databases**

(Jacob Bauer)

10:15 - 10:30 *Coffee break*

10:30 – 12:30 **Practicals 2 - Structure validation, analysis**

(Vladena Bauerova)

12:30 - 13:30 *Lunch*

13:30 – 16:00 **Practicals 3 - Databases analysis**

(Vladena Bauerova)

16:00 **Closing remarks**

**Deadline for registration 26.10.2022**

<https://forms.gle/zXfD3awmPTTwfEKV8>



All costs are covered by Interreg SK-AT project "StruBioMol"  
<http://www.imb.savba.sk/strubiomol/index.php>

