

## Winter School - Call for Participation!

### 1<sup>st</sup> winter school on “Secondary structures in viruses -- *in silico*”

Nearly for free: only 30 EURO p.P.

<b>Date</b>	<b>9<sup>th</sup>-13<sup>th</sup> March 2018</b>
<b>Location</b>	<b>Würzburg, Germany</b>
<b>Application deadline</b>	<b>1<sup>st</sup> December 2017</b>
<b>Notification of candidates</b>	<b>5<sup>th</sup> December 2017</b>

### Focus

European Virus Bioinformatics Center is organizing the 1<sup>st</sup> winter school entitled "Secondary structures in viruses -- *in silico*". Just before the annual meeting of the society for virology in Würzburg.

This school will host 20 students and is constructed primarily for virologists. During the course of the school students will be engaged into the study sessions, seminars and discussions. The working language of the school will be English. The main focus of the school is:

- Theory of RNA secondary structure algorithms (computational rules vs. nature)
- Introduction and intensive usage of state of the art RNA secondary structure tools, like ViennaRNA Package, mfold, LocARNA, LRIScan, Infernal and programs you wish to understand
- Introduction and intensive usage of tools you need for pre- and postprocessing
- Case study and applications on your own data/problems or virus of interest
- Discuss your own ideas and topics
- No programming skills are required

For bioinformaticians we offer another course in parallel. Programming skills are required in this case :)  
The content of the course depends on what you want to learn.

### Registration

Places are limited to a total of **20 participants**. Candidates are requested to register due to 1 December 2017 per email: [evbc@uni-jena.de](mailto:evbc@uni-jena.de). The course language is **English**.

### Instructors and organizing committee

**Manja Marz**, European Virus Bioinformatics Center and University Jena

**Jörg Fallmann**, RNA Bioinformatics, University Leipzig

**Michael T. Wolfinger**, Institute for Theoretical Chemistry, University of Vienna

**Kevin Lamkiewicz**, RNA Bioinformatics and High Throughput Analysis, University Jena

**Daniel Desirò**, RNA Bioinformatics and High Throughput Analysis, University Jena

**Florian Erhard**, Institute of Virology and Immunobiology, University of Würzburg

**Thomas Dandekar**, Department of Bioinformatics, Biocenter, University of Würzburg

**Bashar Ibrahim**, European Virus Bioinformatics Center and University Jena