

PANDORA school in Davos, 11-12 September 2023:

3D bioprinting, contactless methods for generation of pathophysiological multicellular systems / models of tumours and organs, toxicology, pharmacology; single cell analysis; efficacy and toxicology in 3D cellular models

General information

The PANDORA team is very pleased to invite you to the in-person training school on: "3D bioprinting, contactless methods for generation of pathophysiological multicellular systems / models of tumours and organs, toxicology, pharmacology; single cell analysis; efficacy and toxicology in 3D cellular models".

which will be held at the partner institution AO Research Institute Davos ([ARI](#)), Switzerland from September 11th until 12th, 2023.

In the 2-days training school, participants will get the chance to dive into different 3D bioprinting and biofabrication techniques to generate complex 3D *in vitro* models of tumours and organs for drug testing.

Participants will have a guided tour through the ARI labs to discover all running research activities, lectures held by experts in biofabrication for 3D cell culture models and group hands-on activities. By actively applying new concepts to their practical tasks, participants will master the course content more effectively.

The PANDORA school is designed for PhD students, Post-docs and young researchers who have previous experience with academic research. Participants should be eager to adapt the writing and publishing advice from the writing experts to an existing personal project.

The training school will be held in combination with another training event that is part of the EU Twinning project "Rising competitiveness of early-stage researchers and research management in Latvia - [RISEus2](#)".

Furthermore, the PANDORA school will be held just after the European Society of Biomaterials conference in 2023 – [ESB2023](#), which is the biggest event in Biomaterials in Europe, with many topics of interest for the Stratagem Network. If you are interested, you can still submit [here](#) your abstract for poster presentation until June 30th, 2023.

The training school will take place in Davos at AO Research Institute Davos, AO Center Davos. The venue is located in the middle of Davos town: Address: AO Foundation Clavadelerstrasse 8 7270 Davos, Switzerland.

Short description of the program:

Monday 11th of September:

Morning:

- Welcome by Director AO Research Institute Davos
- Lectures

Afternoon:

- Training and familiarization with the use of the technologies of the different working stations.

Tuesday 12th of September:

Morning

- Group work at the different stations on the given experimental tasks. For this part, we ask you to supervise the different groups and help with performing the tasks.

Afternoon

- Analysis of obtained results from the morning & preparation of short presentation.

Practical information

Location

The PANDORA school will take place at AO Research Institute Davos at the AO Zentrum, Clavadelerstrasse 8, 7270 Davos Platz, Switzerland. The AO Center is easily reachable by bus 308 from the Davos Platz train station. To organize your movements in Davos with public transportation we warmly recommend the sbb.ch website or app, where every trip within the county can be organized with accuracy from every train, tram, bus, ferry in the country. Davos is a famous Alpine ski resort and also holds many international summer sports events.

Climate

The weather in Davos in September is generally stable, with expected daily temperatures of 10-14°C, although on a sunny day the perceived temperature is much higher. However, with its location at 1560m above sea level temperature variations are wide and sudden: as soon as the sun sets the temperature drops, and the weather can change very quickly, becoming chilly, rainy and even snowy!

Travel

The nearest airport is Zürich-Kloten (about 160 Km). The best way to travel from Zürich-Kloten airport to Davos is by train. There are hourly train connections with a total train journey of 2 hours and 40 minutes. There is a change of train at Zurich mainstation (Zurich HB) and at Landquart, where you change to the regional train system to travel from 600m above sea level to 1560m above in Davos. The views can be breathtaking. From Zurich to Landquart most trains have carriages equipped to give electricity for computers in first class and there are also quiet carriages available (no mobile phones, personal stereos, no talking) for those who wish to read in peace. SBB rail travel is fast, safe and punctual (due to one or two participants mistakes in previous times- Geneva is the wrong side of the country to get to Davos, Basel is about 1 hour more than Zurich). The last section from Landquart to Davos is with the Rhaetian Railway RhB - Rhätische Bahn, though all is in the one ticket you purchase from Zürich airport to Davos (Dorf or Platz), which also has many brand new trains equipped with electric sockets in first class, but don't just work, enjoy the beautiful Alpine scenery.

Davos Inclusive Card

Davos guarantees diversity - free of charge! The new Davos Inclusive Card entitles you in summer to free travel on mountain rail and cableways. And that's not all: a very wide range of services and leisure attractions are also available free of charge or at discounted rates.

"Davos Inclusive" applies exclusively to guests staying at least one night in commercially-rented accommodation (hotel, holiday apartment, group accommodation).

Hotel suggestions

Davos is a tourist destination with many accommodation options. Here below just some suggestions,

- [Youth hostel Davos](#)
- [Alpenhof Davos](#)
- [Hilton Garden Inn Davos](#)
- [Hotel Grischa](#)
- [Kongress Hotel Davos](#)
- [Morosani Posthotel Davos](#)

- [Morosani Schweizerhof Davos](#)