

10.00 – 13.30, 31<sup>st</sup> of January, 2020

Human 3D Tissue Models

for Hazard Assessment and Cancer Research

Overview on ongoing research activities at the Adolphe Merkle Institute (AMI), University Fribourg

**9.30 – 10.00**

*Registration and coffee/tea*

**10.00-10.10**

**Dr. Markus Rimann**, TEDD Competence Centre

**Prof. Barbara Rothen-Rutishauser**, AMI, *Welcome*

**10.10-10.30**

**Irini Dijkhoff**, *'Simulating the impact of diesel exhaust particles on human skin.'*

**10.30-10.50**

**Manuela Estermann**, *'3D omentum model designed by bioprinting technology to study ovarian cancer spreading.'*

**10.50-11.10**

**Dr. Roman Lehner**, *'A 3D intestinal model to study potential adverse effects of microplastic on human health.'*

**11.10-11.30**

**Dr. Hana Barosova**, *'3D human alveolar models to assess adverse effects upon exposure to aerosolized particles.'*

**11.45-12.15**

*Tour of laboratories*

**12.15-13.30**

*Lunch*

Photo: Sven Bachmann

### Venue

### Registration

- Adolphe Merkle Institute  
Chemin des Verdiers 4  
Fribourg, Switzerland
- <https://www.ami.swiss/>
- Limited visitor parking places available

- No registration fees
- Limited to 25 participants
- Registration deadline 17<sup>th</sup> of January, 2020
- [Register here](#)

### Organizers, funders and sponsors

This event is organized by TEDD Competence Centre Switzerland and the Adolphe Merkle Institute. Presented research has received funding from the Adolphe Merkle Foundation, BASF, the Swiss National Science Foundation under Sinergia grant no. CRSII5\_171037/1, and two European Union's Horizon 2020 research and innovation programmes, under the Marie Skłodowska-Curie grant agreement no. 765602 and no. 760813. This event is sponsored by RegenHU.

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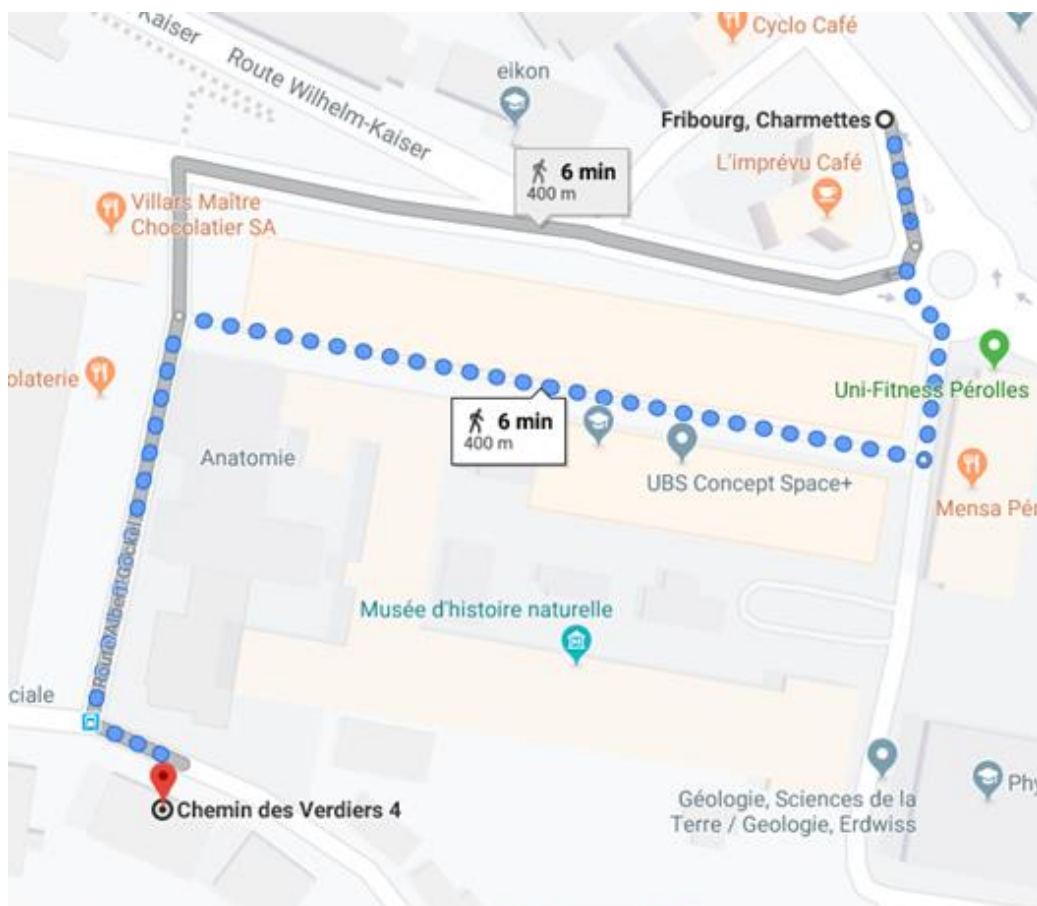
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Overview on ongoing research activities at the Adolphe Merkle Institute (AMI), University Fribourg

## Travel information

The **Adolphe Merkle Institute**, Chemin des Verdiers 4, 1700 Fribourg, can be reached from the train station of Fribourg, by walking (app. 20 min) or by public transportation (app. 5 min). The institute is located behind the botanical garden.

**Public transport:** Take bus No. 1 or 3 – bus stop is in front of the train station (*Fribourg, Pl. gare*) and the ride takes app. 5 min to the stop *Charmettes (Fribourg, Charmettes)*. From there, you can either follow the map below, or you can cross the botanic garden and you arrive in front of AMI.



Walk from bus stop **Charmettes** to **Adolphe Merkle Institute**.