Shaping the future of (bio)medicine

Fellay Jacques

**Cursus**

Biotechnologie et génie biologique

<table>
<thead>
<tr>
<th>Language</th>
<th>English</th>
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<tbody>
<tr>
<td>Credits</td>
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<tr>
<td>Session</td>
<td>Oral presentation</td>
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<tr>
<td>Exam</td>
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<tr>
<td>Workload</td>
<td>60h</td>
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<tr>
<td>Hours</td>
<td>60</td>
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<tr>
<td>Lecture</td>
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<tr>
<td>Exercises</td>
<td>12</td>
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<tr>
<td>Practical work</td>
<td>18</td>
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<tr>
<td>Number of positions</td>
<td>30</td>
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**Frequency**

Only this year

**Summary**

Participatory learning of future challenges in the topics of Biomedical technologies, Computational biology, Risk governance, ethics and Regulation. Learning how to present original work, communicate science, work in teams, discuss in small groups, network and search for job opportunities.

**Content**

The program consists of 5 lectures per day, with coffee breaks in between. Each speaker will give a 45 min talk, following questions and open discussion with students. The current list of confirmed speakers includes:

- Prof. Nicola Aceto, University of Basel
- Prof. Francesca Baldelli Bombelli, Politecnico di Milano
- Prof. Mario Bianchetti, Università della Svizzera Italiana
- Prof. Roger Clerc, em Prof. University of Basel and EPFL
- Prof. Valérie D’Acremont, Centre Universitaire de médecine générale et santé publique
- Dr. Genya Dana, Emerging Technology and Governance Expert
- Prof. Jacques Fellay, EPFL
- Prof. Luca Giorgetti, Friedrich Miescher Institute for Biomedical Research
- Prof. Greta Guarda, Institute for Research in Biomedicine
- Prof. Ernst Hafen, ETHZ
- Dr. Luc Henry, EPFL
- Prof. Antonio Lanzavecchia, Institute for Research in Biomedicine
- Prof. Olivier Michielin, CHUV
- Dr. Annie Moisan, Roche
- Prof. Inaam Nakchbandi, Max Planck Institute of Biochemistry
- Prof. Olaia Naveiras, EPFL
- Prof. Dario Neri, ETHZ
- Dr. Peter Nestorov, Founder and CEO of Scailyte
- Prof. Sai Reddy, ETHZ
- Prof. Simone Schürle, ETHZ

Workshop facilitation: Tim Beltraminelli, Flavia Aurelia Shoko Hodel, Ivan Istomin, Grégoire Michielin, Alessandro Pedrioli

In the afternoons of Sunday, Tuesday, Thursday and Friday we are organising workshops requiring more active participation from students in form of MIT Hacking Medicine (14h), discussions with lecturers (4h), poster sessions (4h+4h preparation and presentation), and project work preparing for the Hacking Medicine (8h).

Time after dinner we leave for less intense activities: soft skills workshops (2h), science quiz (2h) and carrier planning workshops (2h).
Note
Maximum number of participants: 30
Location: Bellinzona, Switzerland
Date: May 12-17, 2019

Keywords
precision medicine, hackathon, bioengineering, #open science#, quality education

Resources
Websites
  • http://sfm2019.epfl.ch