for registration & further info please see [https://neurosymposiumwinter2019.epfl.ch/](https://neurosymposiumwinter2019.epfl.ch/)

**MONDAY 25th NOVEMBER 2019**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:20–8:50</td>
<td>Registration</td>
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<tr>
<td>8:50–9:00</td>
<td>Welcome address</td>
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### Session 1: Mechanisms of fear learning: amygdala circuits

**Chair:** Ralf Schneggenburger

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker (Institution, Country)</th>
<th>Title</th>
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<tbody>
<tr>
<td>09:00–09:30</td>
<td>Andreas Lüthi (FMI, Basel, CH)</td>
<td>Adaptive disinhibitory gating permits associative learning</td>
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<td>09:30–09:40</td>
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<td>Discussion</td>
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<td>09:40–10:10</td>
<td>Bo Li (Cold Spring Harbor, USA)</td>
<td>Amygdala circuits in motivated behaviors</td>
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<td>10:10–10:20</td>
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<td>Discussion</td>
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<td>10:20–10:35</td>
<td>Short Talk 1</td>
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<td>10:35–10:40</td>
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<td>Discussion</td>
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**10:40–11:10** Coffee break

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<tr>
<th>Time</th>
<th>Speaker (Institution, Country)</th>
<th>Title</th>
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<tbody>
<tr>
<td>11:10–11:40</td>
<td>Sheena Josselyn (University of Toronto, CDN, Toronto, Canada)</td>
<td>Making, Breaking and Linking Memories in Mice</td>
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<td>11:40–11:50</td>
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<td>Discussion</td>
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<tr>
<td>11:50–12:20</td>
<td>Wulf Haubensak (IMP, Wien, Austria)</td>
<td>Assembling affective states by amygdala hierarchical interactions</td>
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<td>12:20–12:30</td>
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<td>Discussion</td>
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**12:30–14:00** Lunch & Poster Session
Session 2  Beyond the amygdala: circuits of fear and pain involved in learning
   Chair: Johannes Gräff

14:00 – 14:30 Cyril Herry (Neurocentre Magendie, Bordeaux, France)
   Dynamic prefrontal population coding of value and action during aversive learning
14:30 – 14:40 Discussion

14:40 – 15:10 Nadine Gogolla (MPI für Neurobiologie, Munich, Germany)
   Regulation of fear and anxiety through insular cortical circuits
15:10 – 15:20 Discussion

15:20 – 15:35 Short Talk 2

15:35 – 15:40 Discussion

15:40 – 16:10 Coffee break

16:10 – 16:40 Rohini Kuner (University of Heidelberg, Germany)
   Fear and Pain: two sides of the same coin?
16:40 – 16:50 Discussion

16:50 – 17:20 Herta Flor (ZI Mannheim, Germany)
   The contextual modulation of fear: implications for mental disorders
16:40 – 16:50 Discussion

17:30 – 19:00 Poster Session and Aperitif

TUESDAY 26th NOVEMBER 2019

Session 3  Circuits for fear prediction and extinction
   Chair: Carmen Sandi

09:00 – 09:30 Andrew Holmes (NIH, Bethesda, USA)
   Neural circuits mediating ambiguous threat
09:30 – 09:40 Discussion

09:40 – 10:10 Jelena Radulovic (NW University, Chicago, USA)
   Processing valence in episodic memory circuits
10:10 – 10:20 Discussion

10:20 – 10:35 Short Talk 3
10:35 – 10:40 Discussion

10:40 – 11.10 Coffee break

11:10 – 11:40 Valerie Doyère (Paris-Saclay Institute of Neuroscience, France)
   The amygdala and the temporal expectation of an aversive stimulus
11:40 – 11:50 Discussion

11:50 – 12:20 Merel Kindt (University of Amsterdam, Netherlands)
   Harnessing reconsolidation in the treatment of emotional memory disorders: Lessons from basic science

12:30 Discussion and Closing remarks

*** Possibility for Lunch at EPFL ***