## Master of Science in Medical Biology - Study path in Neuroscience - Spring 2022

**Responsible:** J.-R. Cardinaux (Jean-Rene.Cardinaux@chuv.ch)

### TEACHING

<table>
<thead>
<tr>
<th>RESPONSIBLE</th>
<th>TEACHERS</th>
<th>ROOM</th>
<th>HOURS</th>
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<tbody>
<tr>
<td>Write and Defend Grant Proposal, Prepare Journal Club</td>
<td>J.-R. Cardinaux (JRC)</td>
<td>CNP, Cery</td>
<td>18 E</td>
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<tr>
<td>Problem-based learning 1 &amp; 2</td>
<td>C. Bagni (CBa)</td>
<td>TBD</td>
<td>16 C + 2 S + 2 PW</td>
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</tbody>
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#### Module 1: Brain Development
- C. Bagni (CBa)
- J.-R. Cardinaux (JRC)
- T. Achsel (TA)
- L. Restivo (LR)
- J. Puyal (JP)

- Problem-based learning 1 & 2
- C. Bagni (CBa)
- C. Bagni (CBa)
- TBD

#### Module 2: Sensory Functions
- C. Bagni (CBa)
- J.-R. Cardinaux (JRC)
- M.-C. Broillet (MCB)
- P.C.S. Chung (PC)
- L. Neukomm (LN)
- M. Mameli (MMam)
- M. Murray (MMur)
- S. Da Costa (SDC)
- A. Gaglianese (AG)

- Problem-based learning 1 & 2
- C. Bagni (CBa)
- M.-C. Broillet (MCB)
- TBD

#### Module 3: Neuron-Glia Biology
- A. Volterra (AV)
- A. Volterra (AV)
- TBD

- Problem-based learning 1 & 2
- A. Volterra (AV)
- A. Volterra (AV)

#### Module 4: Modulation of Synaptic Transmission
- D. Fasshauer (DF)
- D. Fasshauer (DF)
- TBD

- Problem-based learning 1 & 2
- D. Fasshauer (DF)
- D. Fasshauer (DF)

#### Module 5: Neuronal Death and Repair in the Central Nervous System
- N. Toni (NT)
- N. Toni (NT)
- TBD

- Problem-based learning 1 & 2
- N. Toni (NT)
- N. Toni (NT)

#### Module 6: Introduction to Psychiatric Neuroscience
- J.-R. Cardinaux (JRC)
- J.-R. Cardinaux (JRC)
- TBD

- Problem-based learning 1 & 2
- J.-R. Cardinaux (JRC)
- J.-R. Cardinaux (JRC)

### Optional (choose one):

- LTK1 Module: Training in Animal Experimentation
  - M.-C. Broillet
  - C. Berthonneche (CB)
  - 20C+20PW (2 grps)

- Clinical Research Module
  - G. Wuerzner
  - G. Wuerzner (GW)
  - 20 C + 20 PW

### Common courses compulsory for all students:

- Introduction to Clinical Medicine
  - G. Wuerzner
  - G. Wuerzner (GW)
  - 20 C

All lectures start 15 minutes after the hour (BH on schedule = 8H15)

### Week 1: 21.02 to 25.02

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### Week 2: 28.02 to 04.03

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<td>Clinical Research Module (Theory)</td>
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<td>LTK1 Module (Practical work, Group I) MCB/CM</td>
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### Week 3: 07.03 to 11.03

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### Week 4: 14.03 to 18.03

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# Master of Science in Medical Biology - Study path in Neuroscience - Spring 2022

**Week 5: 21.03 to 25.03**
- Mo 21: Exam preparation
- Tu 22: Written Exam Modules 1-3
- We 23: Written Exam Modules 1-3
- Th 24: Written Exam Modules 1-3
- Fr 25: Written Exam Modules 1-3

**Week 6: 28.03 to 01.04**
- Mo 28: Exam preparation
- Tu 29: Written Exam Modules 1-3
- We 30: Written Exam Modules 1-3
- Th 31: Written Exam Modules 1-3
- Fr 01: Written Exam Modules 1-3

**Week 7: 04.04 to 08.04**
- Mo 04: Oral Exam Modules 4-5
- Tu 05: Oral Exam Modules 4-5
- We 06: Oral Exam Modules 4-5
- Th 07: Oral Exam Modules 4-5
- Fr 08: Oral Exam Modules 4-5

**Week 8: 11.04 to 15.04**
- Mo 11: Oral Exam Modules 4-5
- Tu 12: Oral Exam Modules 4-5
- We 13: Oral Exam Modules 4-5
- Th 14: Oral Exam Modules 4-5
- Fr 15: Oral Exam Modules 4-5

**Week 9: 25.04 to 29.04**
- Mo 25: Master Work and Grant writing
- Tu 26: Master Work and Grant writing
- We 27: Master Work and Grant writing
- Th 28: Master Work and Grant writing
- Fr 29: Master Work and Grant writing

**Week 10: 02.05 to 06.05**
- Mo 02: Master Work and Grant writing
- Tu 03: Master Work and Grant writing
- We 04: Master Work and Grant writing
- Th 05: Master Work and Grant writing
- Fr 06: Master Work and Grant writing

**Week 11: 09.05 to 13.05**
- Mo 09: Master Work and Grant writing
- Tu 10: Master Work and Grant writing
- We 11: Master Work and Grant writing
- Th 12: Master Work and Grant writing
- Fr 13: Master Work and Grant writing

**Week 12: 16.05 to 20.05**
- Mo 16: Master Work and Grant writing
- Tu 17: Master Work and Grant writing
- We 18: Master Work and Grant writing
- Th 19: Master Work and Grant writing
- Fr 20: Master Work and Grant writing

**Week 13: 23.05 to 27.05**
- Mo 23: Master Work and Grant writing
- Tu 24: Master Work and Grant writing
- We 25: Master Work and Grant writing
- Th 26: Master Work and Grant writing
- Fr 27: Master Work and Grant writing

**Week 14: 30.05 to 03.06**
- Mo 30: Master Work and Grant writing
- Tu 31: Master Work and Grant writing
- We 01: Master Work and Grant writing
- Th 02: Master Work and Grant writing
- Fr 03: Master Work and Grant writing

**Week 15: 06.06 to 10.06**
- Mo 06: Preparation of grant defense
- Tu 07: Preparation of grant defense
- We 08: Preparation of grant defense
- Th 09: Preparation of grant defense
- Fr 10: Preparation of grant defense

**Week 16: 13.06 to 17.06**
- Mo 13: Preparation of grant defense
- Tu 14: Preparation of grant defense
- We 15: Preparation of grant defense
- Th 16: Preparation of grant defense
- Fr 17: Preparation of grant defense

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**Easter Holidays 2022: From April 15 to April 22**

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Subject to modifications