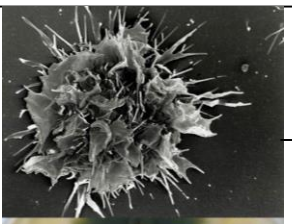
350 universität innsbruck
Wir bauen Brücken. Seit 1669

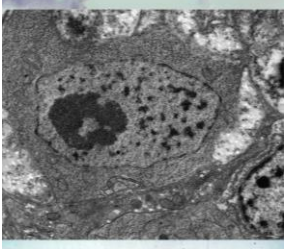
# Einführungsmodul zum Masterstudium

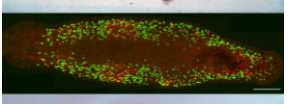
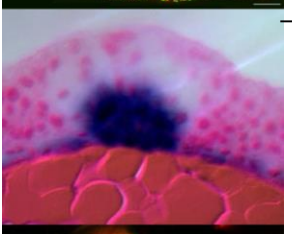
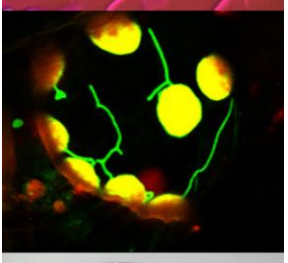
# ‚Molekulare Zell- und Entwicklungsbiologie'

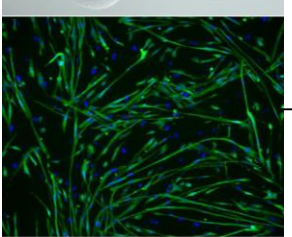
**05.10.20- 19.11.20: WS104325 Ausgewählte Themen der Zellbiologie (VO3)**

**24.11.20- 14.01.21: WS104326 Ausgewählte Themen der Entwicklungsbiologie (VO2)**





**Mo 05.10.20 Dirk Meyer**
*Präsenzveranstaltung*

*4 pm „Vorbesprechung Master MolZEB" in Hörsaal B, Technik Campus*
*5 pm Symposium Lab Rotations: Poster session and talks in und vor Hörsaal D, Technik Campus, 1. OG, Technikerstrasse 25*

**jeweils Dienstag, Mittwoch, Donnerstag, 17.30-19.00 Uhr**
**E-lecture – Virtuelle Lehre**

**WS104325 Ausgewählte Themen der Zellbiologie (VO3)**

| | | |
|---|---|---|
| Di 06.10.20 | Stephan Geley | *Regulation of Cell Division* |
| Mi 07.10.20 | Heidelinde Jäkel | *Regulation of Cell Proliferation* |
| Do 08.10.20 | Lukas Huber | *Vesicular Transport in Mammal Cells* |
| Di 13.10.20 | David Teis | *Endocytic Machineries in Control of Cell Signalling and Development* |
| Mi 14.10.20 | Jakob Troppmair | *Cytoplasmic Signaling Pathways in the Control of Mitochondrial Function* |
| Do 15.10.20 | Alexander Hüttenhofer | *New Mechanisms of Gene Regulation: non-coding RNAs* |
| Di 20.10.20 | Zlatko Trajanoski | *Computing and probing cancer immunity* |
| Mi 21.10.20 | Mathias Erlacher | *Protein synthesis and its regulation by the epitranscriptome* |
| Do 22.10.20 | Ilja Vietor | *Transgenic Mice for the Identification of Novel Genes Functions* |
| Di 27.10.20 | Oliver Schmidt | *Proteolysis - Pathways and Mechanisms* |
| Mi 28.10.20 | Patrick Fischer | *Epigenetic Regulation of Gene Expression in Early Embryonic Development* |
| Do 29.10.20 | Alexandra Lusser | *Epigenetic and epitranscriptomic mechanisms in flies and mice* |
| Di 03.11.20 | Frank Edenhofer | *Stem cells in Biology and Regenerative Medicine* verschoben |
| Mi 04.11.20 | Jerome Mertens | *Human Cellular Models to Study Aging & Disease* |
| Do: 05.11.20 | n.n | n.n. |
| Di: 10.11.20 | Adi Sandbichler | *Homeostasis and Environmental Adaptation in Fish Cells* |
| Mi 11.11.20 | Martina Höckner | *Molecular Stress Response in Invertebrates* |
| Do 12.11.20 | Pidder Jansen-Dürr | *Molecular Mechanisms of Cellular Senescence and Ageing* |
| Di 17.11.20 | Werner Zwerschke | *Molecular Biology of Adipose-derived Stem Cells and Adipocytes* |
| **Do 19.11.20** | **Klausur** | ***1. Klausur (nur Zellbiologie)*** |

**WS104326 Ausgewählte Themen der Entwicklungsbiologie (VO2)**

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|---|---|---|
| Di 24.11.20 | Bert Hobmayer | *Wnt Signalling in the Axial Development und Morphogenesis of Cnidarians* |
| Mi 25.11.20 | Peter Ladurner | *Flatworms: Modell Organsims for Stem Cells, Regeneration und Evolution* |
| Do 26.11.20 | Bernhard Egger | *Regeneration and Molecular Phylogeny of Flatworms* |
| Di 01.12.20 | Ute Rothbächer | *Molecular Programming of Early Chordate Development* |
| Mi 02.12.20 | Emmanuel Derudder | *Gene targeting in mice to study humoral immunity* |
| Do 03.12.20 | Dirk Meyer | *Zebrafish as a Model in Development and Medicine* |
| Mi 09.12.20 | Robin Kimmel | *Formation and Regeneration of the Pancreas* |
| Do 10.12.20 | Thorsten Schwerte | *Cardiovascular Physiology: Research/Methods in the Model Animal Zebrafish* |
| Di 15.12.20 | Margit Egg | *Interaction of the O2 Signaling Pathway with the Circadian Rhythm* |
| Do 17.12.20 | Georg Dechant | *The Molecular Biology of Learning and Memory* |
| Di 12.01.21 | Verena Labi | *Development of the Immune System* |
| Mi 13.01.21 | Birgit Weinberger | *Aging of the Immune System and Vaccination in Old Age* |
| Do 14.01.21 | n.n. | |
| **Di 26.01.21** | **Klausur** | ***1. Klausur (nur Entwicklungsbiologie)*** |

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|---|---|---|
| **Mo 01.03.21** | **n.n.** | **Symposium Lab Rotations** |
| **Fr: 26.02.21** | **2. Klausur** | ***Zellbiologie + Entwicklungsbiologie*** |
| **Fr: 09.04.21** | **3. Klausur** | ***Zellbiologie + Entwicklungsbiologie*** |