



STEM CELL BIOLOGY

Graduate Teaching Program at the Biozentrum Basel

FS 2022 / Cycle C6 - 28854

Mondays, 14:15 - 16:00 / Biozentrum, Seminar room U1.193 or zoom

Responsible: **F. Doetsch**, I. Martin, A. Peters, A. Wodnar-Filipowicz

Date	Topic	Lecturer
21.02.22	Embryonic programming	Antoine Peters
28.02.22	1. Embryonic stem (ES) cells and Pluripotency 2. Organoids/self-organization	Jörg Betschinger Prisca Liberali
07.03.22	No lecture: Fasnacht	
14.03.22	Stem cells (iPS cells) and disease modelling	Ravi Jagasia
21.03.22	Epigenetic regulation of stem cell fate	Dirk Schübeler
28.03.22	1. Single cell RNA sequencing technology 2. CRISPR/Cas9 technology	Barbara Treutlein Randall Platt
04.04.22	1. Single cell analysis of stem cells 2. Epithelial stem cells	Timm Schroeder
11.04.22	1. Mammary tissue stem cells 2. Cancer stem cells	Mohamed Bentires-Alj
18.04.22	No lecture: Easter	
25.04.22	1. Hematopoietic stem cells 2. Hematopoietic stem cell transplantation	Sara Meyer Jakob Passweg
02.05.22	1. Neural stem cells 2. Tissue regeneration: nervous system	Fiona Doetsch Raphael Guzman
09.05.20	Regeneration in model organisms	Charisios Tsiarris
16.05.20	Tissue regeneration: Cartilage, bone	Ivan Martin
23.05.22	Stem cell bioengineering	Matthias Lütolf
30.05.22	Stem cells at the maternal-fetal interface	Margherita Turco

For questions, please contact Aleksandra.Wodnar-Filipowicz@unibas.ch