



## Program FINAL BIO 228 Evolutionary Medicine, HS 2021

(23.9.2021, SR)

### Lecturers:

Prof. Adrian Jäggi (AJ) → person in charge  
PD Nicole Bender MD (NB)  
Dr. med. Patrick Eppenberger (PE)  
PD Dr. Kaspar Staub (KS)  
PD Dr. sc. nat., Dr. med. Martin Häusler (MHae)  
Prof. Dr. Dr. Verena Schünemann (VS)  
Adam Hunt PhD student (AH)

**Room:** Y03-G-95

**Language/slides:** English

**Day:** Thursday

**Time:** 10:15 – 12:00

**Participants:** 164 (22.9.2021)

Date	Topic	Lecturer(s)
	<b>Part 1: Evolution and medicine</b>	
23.9.	Introduction to the course, what is evolutionary medicine	AJ
30.9.	Evolutionary theory, adaptation and selection, micro- and macroevolution	NB
7.10.	Development, life history, adaptive plasticity	NB
14.10.	Human evolution and human variation	AJ
	<b>Part 2: Topics in evolutionary medicine</b>	
21.10.	Exam on part 1 (1h) Cancer in evolutionary perspective	AJ
28.10.	Stature, nutrition and metabolism: the human diet, obesity, and metabolic diseases	NB & KS
4.11.	Immune system, host-pathogen co-evolution	VS
11.11.	Ancient pathogens, historical epidemics	VS



18.11.	Paleopathology I: Introduction to the field, soft tissue pathologies	PE
25.11.	Paleopathology II: Musculoskeletal disorders	MHae
2.12.	Reproduction	MHae
9.12.	Evolutionary psychiatry, mental health	AH
16.12.	Evolutionary medicine and society; exam review	AJ
23.12.	Exam on part 2	