

Summer Term 2025
Lecture Announcement

Stem Cell Biochemistry

(Master of Stem Cell Medicine)

Start: 11.04.2025
Time: Fridays 10:15 – 12:00
Location: NC6/99

The lecture is divided into 13 topics that will be addressed on a weekly basis by Prof. Günther-Pomorski, Prof. Brand-Saberi and Dr. Neumann. Each teacher will provide online material for self-studying at home. The lectures will be provided as follows:

Lecture #1	11.04.: Principles of cellular signaling	Günther-Pomorski
<i>18.04.: Eastern</i>		
Lecture #2	25.04.: G-protein coupled receptors	Günther-Pomorski
Lecture #3	02.05.: Receptor tyrosine kinases	Günther-Pomorski
Lecture #4	09.05.: Phospholipase pathways	Günther-Pomorski
Lecture #5	16.05.: Toll Like Receptors	Günther-Pomorski
Lecture #6	23.05.: Cell signaling in development and disease	Brand-Saberi
Lecture #7	30.05.: TGF-beta pathway	Brand-Saberi
Lecture #8	06.06.: BMP-pathway	Brand-Saberi
<i>13.06.: Pentecost break</i>		
Lecture #9	20.06.: Shh-pathway	Brand-Saberi
Lecture #10	27.06.: Wnt-pathway	Brand-Saberi
Lecture #11	04.07.: Summary of Cell signaling in development and disease	Brand-Saberi
Lecture #12	11.07.: Ras/Raf Pathway	Neumann
Lecture #13	18.07.: Cytokine receptors	Neumann