

Legende/Farbcodes

Thema bereits vergeben

Thema noch frei

Thema mit 4 Wochen Laborarbeit

Name Betreuer:in:	Fachbereich:	Bachelorthema 1:	Bachelorthema 2:
Aberger F.	Biow. u. Med. Biol.	Organoids in Cancer-Immunology Research	Cancer Stem Cells
		Organoids for Biomedical Research	
Achatz G.	Biow. u. Med. Biol.		
Aglas L.	Biow. u. Med. Biol.	IgE mAbs in allergy (theoretical thesis)	What makes a protein an allergen? (theoretical thesis)
		Allergy and big data analysis (theoretical thesis)	tba (practical thesis)
		Bet v 1 particles (practical thesis)	Bet v 1 particles
		Th2 immunity in health and disease (theoretical thesis)	tba (practical thesis)
		tba (practical thesis)	tba (practical thesis)
		tba (practical thesis)	tba (practical thesis)
		tba (practical thesis)	tba (practical thesis)
Brandstetter J.	Biow. u. Med. Biol.	Hypersensitive detection of the epiptoteome	mechanistic enzymology
Bresgen N.	Biow. u. Med. Biol.		
Briza P.	Biow. u. Med. Biol.	Proteomics and quan. mass spectrometry	
Dall E.	Biow. u. Med. Biol.	Recombinant production of proteins involved in neurodegeneration	Dipeptide-labeling to monitor peptide ligation
Duschl A.	Biow. u. Med. Biol.	Novel therapeutic concepts using nanopillar	Changes and effects of the nanoparticle biocorona
Elmer-Kalss H.	Biow. u. Med. Biol.	HIV Impfstoffentwicklung - Details TBD	Broadly neutralizing Antibodies in HIV treatment and prophylaxis
Elmer D.	Biow. u. Med. Biol.	Immune checkpoint blockade - response and resistance	The kynurenine pathway and immunosuppression
		The immunosuppressive enzyme IDO1 - pharmacologic inhibition	
Esser-Skala W.	Biow. u. Med. Biol.	Proteomics data batch correction in R	Cell type identification from single cells data in R
Ferreira-Briza F.	Biow. u. Med. Biol.	T helper cell polarization in allergic sensitization	
Fortalmy N.	Biow. u. Med. Biol.	Cell type identification from single cells data in R	Cell type identification from single cells data in R
Friedrich A.	Biow. u. Med. Biol.		
Gadermaier G.	Biow. u. Med. Biol.		
Gaspert M.	Biow. u. Med. Biol.	Interactions of (nano)particles with environmental contaminants	Interactions of (nano)particles with environmental contaminants
Grazl I.	Biow. u. Med. Biol.		
Helm K.	Gerichtsmedizin	Verschiedene Schnelltests zum Nachweis von humanem Blut bei der forensischen Spurenvoruntersuchung im Vergleich	Erfolgsquoten der molekulargenetischen Spurenanalyse an der Gerichtsmedizin Salzburg in Abhängigkeit von Spurentyp
Himly M.	Biow. u. Med. Biol.		
Horejs-Höck J.	Biow. u. Med. Biol.	Helicobacter pylori induced immune responses	Cytokine Expression in Acute Myeloid Leukemia (AML)
Huber C.	Biow. u. Med. Biol.	HPLC-MS analysis of therapeutic monoclonal antibodies	Data collection for untargeted metabolome analysis
Kerschbaum H.	Biow. u. Med. Biol.		
Krenn P.	Biow. u. Med. Biol.	Cancer (stem) cell adhesion and migration	GLI/Hedgehog signaling in leukemia
Lackner P.	Biow. u. Med. Biol.	Comparison of Protein Stability Predictors	Evaluation of ProThermDB
Lahnsteiner A.	Biow. u. Med. Biol.	non-B DNA structures and their potential to alter DNA methylation	DNA methylation analysis in non-alcoholic fatty liver disease
Leppendörfer G.	Biow. u. Med. Biol.	Inflammation in Bone: Role of TNF-alpha signalling	Organoid-on-chip: recent developments
Marcini S.	Biow. u. Med. Biol.	Stem cell organoids: clinical aspects	Osteocalcin - an anti-aging hormone targeting bone
Messner-Kober N.	Biow. u. Med. Biol.	Quantitative EV capturing on a glass surface	EV bidistribution in a mouse model
Neuper, T.	Biow. u. Med. Biol.	Innate immune responses to H. pylori	Inhibition of FLT3 in AML cell lines
Obermeyer G.	Biow. u. Med. Biol.	Cloning of membrane proteins for cell-free synthesis	Cell-free synthesis of fluorescent pH indicator (GFPH)
		Fabrication of hydrogels or natural scaffolds for 3D cell culture (Bioengineering, 3D bioprinting)	Fluorescent staining of cell wall components in microalgae
Platzner K.	Biow. u. Med. Biol.		
Posselt G.	Biow. u. Med. Biol.	Helicobacter pylori vaccine development	Organoid-based infection models
Reigl C.	Biow. u. Med. Biol.	Analysis of Mucus from epithelial cells after treatment with Helicobacter pylori and dendritic cells	Proteomic Identification of protease Cleavage Sites
Rinnerthaler M.	Biow. u. Med. Biol.	Lipid droplets in Aging	Lipid droplets in Aging
Risch A.	Biow. u. Med. Biol.	"Environment and Epigenetics"	Epigenetik und die Analyse von antiker DNA
		Viral Mimicry – The reactivation of endogenous retroviruses in breast cancer therapy	Funktionelle Analysen von Krebsrisikofaktoren
Schmidt-Arras	Biow. u. Med. Biol.	Cytokine signalling - characterisation of patient-derived mutants	Establishment of a multiplex IF immune cell panel
Schönauer E.	Biow. u. Med. Biol.	Pathogenesis and treatment of Clostridium difficile infections	Molecular regulation of matrix metalloproteinase activity
Schubert M.	Biow. u. Med. Biol.	NMR characterization of glucuronic acid and its lactones	
Simon-Nobbe B.	Biow. u. Med. Biol.	Oleat/olive oil - anti-aging aspects	Oleic acid/olive oil-related anti-inflammatory aspects
Sales A.	Zentrale Tierhaltung		
Sonogo M.	Biow. u. Med. Biol.	Adult Neurogenesis	Neural Stem Cell Migration
Stütz E.	Biow. u. Med. Biol.		
Weiger T.	Biow. u. Med. Biol.	The aging brain	The asymmetric brain
		Unterschiede zw. männlichem und weiblichem Gehirn	Smart phone use and brain
		Microbiota and the social brain	Brain in space
		Autismus und brain	Mönchsregeln im Lichte moderner Chronobiologie
		Legalisierung von Cannabis aus neurobiologischer Sicht	Gehirn, Musik, Lernen
Weißer S.	Biow. u. Med. Biol.	Molecular and cellular mechanisms of infections	Molecular and cellular mechanisms of infections
Wiederstein M.	Biow. u. Med. Biol.	Assessment of AlphaFold models for experimentally determined human protein structures	Comparison of the structure search tools TopMatch and FoldSeek
Wolff F.	Biow. u. Med. Biol.	Mechanisms of resistance against hypomethylating agents	Role of adenosine metabolizing enzymes in epigenetic therapy