



第一届“医药健康工程杯研究生”学术论坛议程

The 1st Biopharmaceutical and Health Engineering Cup Graduate Academic Forum Agenda

生命链动未来，展现研学风采

Life Sciences Lead to Future, Showcasing the Research Spirit

时间: 2022年12月4日 9:00-17:00

地点: 信息楼2楼报告厅

Time: December 4th, 2022 9:00-17:00

Venue: Lecture Hall, 2nd Floor, Info. Building

时间 Time	主题 Topic	发言人/报告人 Guest/Speaker	主持人 Host	
9:00-9:10	开幕式致辞 Opening Ceremony Speech	高虹 GAO Hong	邢新会 XING Xinhui	
9:10-9:20	合影留念 Group Photo			
上午 Morning	口头报告 Oral Presentations	A universal platform for one-pot detection of circulating non-coding RNA combining CRISPR-Cas12a and branched rolling circle amplification	陈辉 CHEN Hui	
		Krt14 ablation induces the formation of Krt10-derived basal stem cells in skin epidermis	陈瑜 CHEN Yu	
		The effect of dimeric TFF3 inhibitor overcomes tamoxifen resistance and enhances taxane efficacy in ER+ Breast Cancer	郭慧 GUO Hui	
		The probiotic <i>Lactocaseibacillus rhamnosus</i> GG modulates human MAIT cell antimicrobial and pro-inflammatory responses against the pathobiont <i>Escherichia coli</i>	何丹 HE Dan	刘晓 LIU Xiao
		Systems Immunology Analysis of Inactivated SARS-CoV-2 Vaccine	李昫圻 LI Xuqi	
		Construction of probiotic oral delivery system and its application in the treatment of ulcerative colitis	刘君禹 LIU Junyu	
		Differentiation of human GBM from non-GBM brain tissue with polarization imaging technique	刘一蓉 LIU Yirong	
		茶歇 10分钟 Tea break 10 minutes		

主办: 生物医药与健康工程研究院、学院学生工作办公室

Host: Institute of Biopharmaceutical and Health Engineering、Office of Student Affairs



	10:40-10:50	Analyzing the influence of imaging resolution on tissue polarimetry basis parameters	邵聪慧 SHAO Conghui	张灿阳 ZHANG Canyang
	10:50-11:00	Pixel clustering of Mueller matrix images enables microstructural decomposition of pathological tissues and disease diagnosis	万嘉晨 WAN Jiachen	
	11:00-11:10	Appendix organoid model reveals migratory and pathological roles of human MAIT cells during acute paediatric appendicitis	郑毅超 ZHENG Yichao	
	11:10-11:20	Multimodal learning and Attention mechanism General model for adolescent mental health screening	杜知城 DU Zhicheng	
	11:20-11:30	A smartphone-based biosensor for noninvasively monitoring of total hemoglobin concentration in human with high accuracy	樊志鹏 FAN Zhipeng	
	11:30-11:40	Yeast screening methods for high-protein synthesis based on the different concentration of 5-FOA and 5-FAA medium	罗云蔚 LUO Yunwei	
	11:40-11:50	Bead-jet printing enabled sparse MSCs patterning augments skeletal muscle and hair follicle regeneration	谭嘉懿 TAN Jiayi	
	11:50-12:00	Ultra-precise weak measurement-based interfacial biosensors	张力中 ZHANG Lizhong	
下午 Afternoon	14:00-16:00	墙报展示 Poster Presentations		李颖诗 LI Yingshi
		茶歇 30 分钟 Tea break 30 minutes		
	16:30-16:50	颁奖典礼 Award Ceremony (特等敢闯奖, 特等创新奖, 最佳口头报告, 最佳墙报奖, 纪念奖)		李颖诗 LI Yingshi
	16:50-17:00	闭幕式致辞 Closing Ceremony Speech		邢新会 XING Xinhui

主办：生物医药与健康工程研究院、学院学生工作办公室

Host: Institute of Biopharmaceutical and Health Engineering、Office of Student Affairs