한국비임상기술지원센터
Korea Non-Clinical Technology Solution Center

온라인 세미나 사전 접수 안내

Time	Topics
13:00~13:30	Opening
13:30~14:20	비만 및 고콜레스테롤 혈증의 작용 기전 및 임상 적용, 대사 질환 관리에서의 역할 (GLP-1,PCSK9) -Li Shuang, Ph.D.
14:20~14:35	BREAK TIME – Quiz 1
14:35~15:10	B형 간염 치료 연구에 마우스 모델의 활용 –Miao Zhenchuan, Ph.D.
15:10~15:30	PDX 모델를 이용한 오시머티닙의 후천성 내성 기전 및 치료 전략 -Candice Tang, Ph.D.
15:30~15:45	BREAK TIME – Quiz 2
15:45~16:15	오가노이드를 이용한 효능 및 독성평가 모델의 구축 및 응용 –Ding Duanchen, Ph.D.
16:15~16:35	디지털 병리학 분야에서 인공지능(AI)의 응용 –Bai Shaocheng, M.S.
16:35~16:50	BREAK TIME – Quiz 3
16:50~17:20	의약품의 효능을 확인하는 면역염색법 –황인구 교수 (서울대학교)
17:20~	Q&A

대 상 자: 제약업체 연구원 및 관련기관 종사자

인 원: 선착순 250명 종료 시 마감

일 시: 2025년 02월 14일(금) 13:30~

장 소: Zoom Webinar Online 개최

신청기간: 2025년 01월 23일(목) ~ 2025년 02월 12일(수)

등 록 비: 무료

신청방법: 링크 접속 후 신청서 작성
https://docs.google.com/forms/d/e/1FAIpQLSfsBEVVsgstJfNR4TjcAL3TCg3k86Z73ZqCkNoa4AKlSKQo-g/viewform?usp=header
신청완료 후 한국비임상기술지원센터에서 신청확인 메일 발송 예정 (2월 12일 이전), 확인 메일 받은 신청자에 한하여 온라인 세미나 참석가능

문 의 처: Tel. 031-759-9934 / E-mail. marketing@kntsc.kr
- ✓ 교육 세션은 원활한 진행을 위해 레코딩으로 진행됩니다.
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- ✓ Q/A 세션은 LIVE로 진행됩니다.
- ✓ Q/A 세션은 국내 강연에서만 진행됩니다.
- ✓ 온라인 세미나 진행중 이벤트가 있을 예정입니다.

한국비임상기술지원센터 온라인 세미나 연자 이력사항

Li Shuang, Ph.D.

CAREER EXPERIENCES/PROFESSIONAL POSITIONS AND EMPLOYMENTS

Li Shuang received her Bachelor's degree from the School of Life Sciences, Jilin University, Master's degree from Peking University, and PhD degree from the Free University of Brussels, Belgium, majoring in Medical Immunology. She has worked in Hengrui and other well-known pharmaceutical companies in the early development of oncology and immunology drugs and pharmacological and pharmacodynamic studies.

Currently, she is mainly engaged in the development and validation of humanised animal models and in vivo pharmacological and pharmacodynamic studies in mice at SMOC. She has published research papers in PNAS and other international journals, and specialises in the fields of tumour immunity, in vivo model validation, and in vitro and in vivo pharmacological and pharmacodynamic evaluation.

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Miao Zhenchuan, Ph.D.

CAREER EXPERIENCES/PROFESSIONAL POSITIONS AND EMPLOYMENTS

Dr. Zoological Institute of Chinese Academy of Sciences, engaged in hematopoietic stem cell research. Stem cell single cell analysis techniques at York University in Canada.

From 2001 to 2012, during the postdoctoral research at the School of Life Sciences of Peking University, he mainly engaged in the research of humanized mouse models and related technologies.

The current Chief Scientist is responsible for optimizing the liver mouse model, significantly improving the liver humanization level of the Hu-URG® model, and developing applications for HBV research, anti-HBV drug evaluation, liver targeted gene therapy, etc.

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Candice Tang, Ph.D.

CAREER EXPERIENCES/PROFESSIONAL POSITIONS AND EMPLOYMENTS

Dr. Candice Tang is the Associate Director and the Chair, Institutional Animal Care and Use Committee at Shanghai LIDE Biotech, Co. Ltd.

Dr. Tang graduated from the Anhui university of Chinese medicine as Bachelor then studied in the Academy of Military Medical Sciences as master. She received Ph.D. in animal science from the University of Tokyo, Janpan.

She focused on the discovery, synthesis and efficacy evaluation of anticancer molecules. She previously served as the project leader of oncology in a large CRO, serving domestic and foreign pharmaceutical companies such as Lilly, Roche, AstraZeneca…

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Ding Duanchen, Ph.D.

CAREER EXPERIENCES/PROFESSIONAL POSITIONS AND EMPLOYMENTS

Ding Duanchen received his undergraduate degree from Peking University, then went to the United States to study and received his PhD from Purdue University under the supervision of Prof Hikka I. Kenttãmaa, AAAS Fellow and 2015 ACS National Award Winner.

In order to accelerate the process of new drug development and to provide a more effective evaluation platform, Dr. Ding has led the team to develop the construction of complex tumour-related models, and has completed the construction of tumour immunity and super-mimetic tumour organoid models based on the organoid microarrays, evaluated the efficacy of anti-tumour small and large molecules, nucleic acid drugs, cellular drugs, and tumour immunity-related drugs, and has helped partners in completing the IND filing of the new drugs.

At the same time, the team uses primary cells, physiological organoids and other highly bionic in vitro models to carry out drug high-throughput screening, pharmacodynamic evaluation and translational medicine research, involving drug ADMET evaluation, special disease model construction and the corresponding efficacy evaluation.

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Bai Shaocheng, M.S.

CAREER EXPERIENCES/PROFESSIONAL POSITIONS AND EMPLOYMENTS

Education Backgroud : Master's degree in Animal Sciences,Yangzhou University, Yangzhou, Jiangsu, China

Research Achievements: Participated in multiple National Natural Science Foundation projects, co-authored over 10 SCI papers, and holds a national invention patent.

Work Experience: Focused on advancing the application of artificial intelligence in the medical field, participating in AI analysis for subtypes of myeloproliferative neoplasms, and developing various AI medical tools such as intelligent systems for genotoxicity testing.

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황인구, Ph.D.

EDUCATION

2003년 한림대학교 의학박사 (관심분야: Ischemia, Aging, Neurogenesis)

2001년 서울대학교 수의학석사 (관심분야: Enteric nervous system)

1999년 서울대학교 수의학사

CAREER EXPERIENCES/PROFESSIONAL POSITIONS AND EMPLOYMENTS

2003-2007년 ㈜네추럴에프앤피 선임연구원
2007-2009년 서울대학교 수의인력양성사업단(BK21사업단) 연구교수
2009년- 서울대학교 수의과대학 해부학교실 조교수,부교수
2016년- 한국과학기술한림원 준회원
2017년- 한국차세대과학기술한림원(Y-KAST) 정회원
2020-2023년 대한수의학회 총무제2위원장