

第 12 届生物医药与制药
国际会议

The 12th International Conference on
Biomedicine and Pharmaceutics
(ICBP 2024)

会议手册
Conference Program

主办单位

Organizer

国际管理科学与工程协会 (IAMSET)
International Association of Management Science
and Engineering Technology



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I.会议介绍

I. CONFERENCE INTRODUCTION

会议背景

BACKGROUND

随着全球科学技术的快速发展和人们对健康需求的不断提高,生物医药领域已成为科研和产业发展的重点领域。在过去的几十年里,生命科学取得了一系列重大突破,如基因测序的成熟、蛋白质组学的发展以及细胞疗法的兴起。这些科学进展为新药的研究和开发、疾病的诊断和治疗提供了新的思路和方法。与此同时,世界面临着越来越多的公共卫生挑战,例如传染病的爆发、慢性病的高发病率以及与老龄化相关的健康问题。这促使各国加大对生物医药领域的投入,促进相关研究和产业的发展。

在此背景下,第十二届国际生物医药与制药大会以药物发现与开发、药物传递与转化、药代动力学、药物安全与毒性等为主题,旨在搭建一个全球性的平台,汇集生物医药领域的权威专家、学者、企业代表和从业者,共同探讨最新的研究成果、行业发展趋势和面临的挑战。通过深入的学术交流和思想碰撞,促进跨学科合作,推动生物医学和制药领域的创新发展,为人类健康事业做出贡献。

With the rapid development of global science and technology and the continuous improvement of people's demand for health, the field of biomedicine and pharmaceuticals has become a key field of scientific research and industrial development. The past few decades have seen a series of major breakthroughs in the

life sciences, such as the maturation of gene sequencing, the development of proteomics, and the rise of cell therapy. These scientific advances provide new ideas and methods for the research and development of new drugs, disease diagnosis and treatment. At the same time, the world faces increasing public health challenges, such as the outbreak of infectious diseases, the high incidence of chronic diseases, and the health problems associated with aging. This has prompted countries to increase investment in the field of biomedicine and pharmaceuticals, and promote the development of related research and industry.

Based on this background, with the topics of Drug Discovery and Development, Drug Delivery and Translation, Pharmacokinetics, Drug Safety and Toxicity, the 12th International Conference on Biomedicine and Pharmaceutics aims to build a global platform to bring together leading experts, scholars, business representatives and practitioners in the field of biomedicine and pharmaceuticals to discuss the latest research results, trends and challenges facing the industry. Through in-depth academic exchanges and collisions of ideas, we will promote interdisciplinary cooperation, promote innovation and development in the field of biomedicine and pharmaceuticals, and contribute to the cause of human health.

会议目的

OBJECTIVES

ICBP 2024 旨在汇集领先的学术科学家，研究人员和研究学者，交流和分享他们在生物医药与制药领域各个方面的经验和研究成果。它还为研究人员、从业者和教育工作者提供了一个重要的跨学科平台，以展示和讨论生物医药与制药领

域的最新创新、趋势、关注以及遇到的实际挑战和采用的解决方案，凭借其高质量，它为学生、学者和研究人员提供了非凡的价值。

ICBP 2024 aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of biomedicine and pharmaceuticals. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of biomedicine and pharmaceuticals. With its high quality, it provides an exceptional value for students, academics and researchers.

会议主题

TOPICS

会议主题 Topics

主题一/Topic 1:	Drug Discovery and Development
主题二/Topic 2:	Drug Delivery and Translation
主题三/Topic 3:	Pharmacokinetics
主题四/Topic 4:	Drug Safety and Toxicity

II.日程安排

II. CONFERENCE SCHEDULE

Sept. 25 10:00-18:00	会议测试 Conference Rehearsal (10:00-18:00)		
Sept. 26 10:00-16:10	开幕式 Opening Ceremony (10:00-10:05)		
	嘉宾演讲 Keynote Speech (10:05-11:25)		
	时间 Time	报告题目 Title	报告人 Speaker
	10:05-10:15	IGF1 signaling supports the tumor-promoting abilities of TAMs	Luo Ya (罗娅)
	10:15-10:35	Powder consolidation and tableting: new approaches for research	Prof. Subrata Mallick
	10:35-10:45	Nanocrystals based advanced anticancer drug delivery systems	Dr. Manish Kumar
	10:45-11:05	Crafting the biomaterials as potential biomedicine for biomedical and tissue engineering applications	Dr. Sourav Mohanto
	11:05-11:25		Dr. Pranjal Gujarathi
	午餐时间 Lunch Break (11:25-14:30)		
	嘉宾演讲 Keynote Speech (14:30-16:00)		
时间 Time	报告题目 Title	报告人 Speaker	
14:30-14:50	The protective effect of niosomal hesperidin on M1/M2-macrophage polarization-based hepatotoxicity in chlorpyrifos -induced	Prof. Zohre Eftekhari	

	toxicities in mice	
14:50-15:05		Dr. Ahmad Reza Farmani
15:05-15:25	Concurrent inhibition of TLR4/MD2 and EGFR is a novel strategy for cancer treatment	Prof. Zhiling Yu (禹志领)
15:25-15:40		Dr. Huzaifa Umar
15:40-16:00	Implications of early post-natal immune activation in the development of ASD phenotypes	Prof. Manuel F. Lopez Aranda
论文推荐 Paper Recommend (16:00-16:05)		
Recommend Papers 推荐引用论文		
闭幕式 Closing Ceremony (16:05-16:10)		

Note: All time above is for GMT+8:00 (Beijing Time)

III. 嘉宾介绍

III. PRESENTER INTRODUCTION

主讲嘉宾

KEYNOTE SPEAKERS



Zhiling Yu (禹志领), Professor

Hong Kong Baptist University, China

Dr. Zhiling Yu holds a BSc degree in traditional Chinese medicine and a PhD degree in biochemistry. Prof. Yu once worked at China Pharmaceutical University, Nagasaki University, Hong Kong University of Science and Technology, Xiamen University and University of Macau, and currently serves as the professor at Hong Kong Baptist University. Dr. Yu is known for his research in herbal pharmacology, focusing on anti-atopic dermatitis, anti-rheumatic, and anticancer herbs. He is also interested in processing of Chinese medicinal materials, focusing on the mechanisms underlying processing of Chinese medicines, standardization of adjuvant materials for the processing of Chinese medicinal herbs, and quality control of decoction pieces. He has published more than 200

peer-reviewed research papers. Prof. Yu serves as Editorial Board Member/Associate Editor/Executive Editor/ Consulting Editor for more than 30 journals, e.g. LiShizhen Medicine and Materia Medica Research, BMC Complementary Medicine and Therapies, Current Topics in Nutraceutical Research, Journal of Alternative, Complementary & Integrative Medicine, Pharmacological Research.



Zohre Eftekhari, Associate Professor

Department of Biotechnology, Pasteur Institute of Iran

Zohre Eftekhari holds Professional Doctoral Degree in Veterinary Medicine and worked as the research fellow at University of Tehran. She currently serves as an associate professor at Biotechnology Department, Pasteur Institute of Iran. Her research fields lie in respiratory diseases, infectious diseases, heart diseases, viral vaccines, toxic assays in pharmaceutical products, animal models in infectious and autoimmune diseases, and toxicology in veterinary medicine. She has presided and participated in 17 funded projects, including 15 completed and 2 ongoing projects. Prof. Zohre Eftekhari has published near 60 scientific articles in international journals, 3 authored books, 3 translated book and 2 patents to date. She serves as the peer reviewer for Plant Biotechnology Persa

and Respiratory Research. She also participated in academic conference and delivered her presentation.



Subrata Mallick, Professor & HOD

Siksha ‘O’ Anusandhan (Deemed to be University), Odisha, India

Dr. Subrata Mallick has 26 years of teaching & research and 14 years of Industrial Experience. He is currently the professor and HOD of pharmaceuticals at School of Pharmaceutical Sciences, Siksha ‘O’ Anusandhan (Deemed to be University), Odisha, India. He is charge of research guidance of Doctoral level including inspire fellowship of DSWT, Govt of India, and 14 guidance projects of among them are awarded. His research area of interest lies in transdermal drug delivery systems, transmucosal drug delivery systems, powder compaction, drug degradation kinetics and stabilization, drug-drug and drug-excipient interaction. Prof. Subrata Mallick has an amazing publication record, including more than 100 publications in journals, 6 books, over 130 conference abstract proceedings and 5 scientific articles. He also serves as the consulting Editor of Drug Design, Development and Therapy, Dovepress, and the member of Editorial Board of some journals, such as Journal of Pharmacy and Nutrition Sciences, International Journal of

Pharmaceutical and Biomedical Research, International Journal of Life Sciences Biotechnology and Pharma Research, etc.



Manish Kumar, Senior Research Fellow

Indian Institute of Technology (Banaras Hindu University), Varanasi, India

Dr. Manish Kumar currently is the Senior Research Fellow at the Department of Pharmaceutical Engineering & Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi, India. With a passion for teaching and research, he is dedicated to pharmaceutical sciences and has significant knowledge of drug delivery and nanomedicine. His research interests lie in nanocrystals, nano pharmaceuticals, targeted drug delivery system, nano medicines, anticancer drug delivery, etc. He expertise in preparing Anticancer drug nanocrystals as dry powder for inhalation, formulating anticancer drug nanocrystals loaded injectable hydrogel for intratumoral injection, fabrication of anticancer drug nanocrystals loaded hydrogel as dressing material for resected breast cancer management, and designing of anticancer drug nanocrystals loaded microneedles for transdermal drug delivery and skin cancer therapy. He has 27 publications in high-quality journals and 17 book chapters to date. Dr. Manish Kumar also

participated in academic conferences and made 9 poster presentations. He serves as a reviewer for some journals indexed in Wiley, Betham, and Elsevier.



Manuel F. Lopez Aranda, Professor

University of Malaga, Spain

Manuel Francisco Lopez Aranda holds Ph.D. in Neuroscience, and is currently the distinguished researcher professor at Department of Cell Biology, Genetics and Physiology, University of Malaga, Spain. His research interests focus on immunohistochemistry, cell culture, proteins and molecular neuroscience. He presided and participated in 11 research projects and has published more than 20 papers to date. Prof. Manuel also attended academic conferences and made his speeches.



Sourav Mohanto, Project Associate-II

**Yenepoya Pharmacy College & Research Centre
(Yenepoya University), India**

Sourav Mohanto holds Ph.D. in Pharmaceutical Sciences, and currently

works as a Project Associate-II at Yenepoya Pharmacy College & Research Centre (Deemed to be University), India. His research area of interests lies in gastro-retentive drug delivery systems, pulmonary drug delivery system (Preparation and Characterization), Topical and Bone Drug delivery system (In vitro and In vivo characterization), Interpenetrating polymeric network systems (Preparation and Characterization), and Toxicology. Dr. Sourav Mohanto has participated in and completed 15 research projects, and has 48 publications, including 42 papers, 6 books, and has granted 10 patents. He also holds some academic positions. For example, he is the Association of Pharmaceutical Teachers of India-Life Member, India and Executive Member of Association of Pharmaceutical Research (APR), India. He is also serves as a reviewer for some journals and conferences.



Huzaifa Umar, Principal Research Fellow
Faculty of Engineering, Near East University,
Turkey

Dr. Huzaifa Umar is an accomplished researcher and academician with expertise in bioengineering aspects of natural product and their potential applications in cancer treatment. His research areas include Cancer Biology, Nanotechnology, Drug delivery, Biochemistry, Microbiology

and application of Artificial Intelligence in Biomedicine. He got a Ph.D. in Bioengineering from Cyprus International University Nicosia. Currently, he is a dedicated faculty member at the Operational Research Centre in Healthcare, Near East University, Turkey. To date, he has 45+ publications published in prestigious journals within the field, and many more are currently under revision. His research has garnered significant attention, with 590+ citations and 10 h-indexes to date.



Ahmad Reza Farmani, Assistant Professor
Fasa University of Medical Sciences, Iran

Dr. Ahmad Reza Farmani is a PhD of Tissue Engineering from Tehran University of Medical Sciences. His intellectual basis is to use the engineering perspective to build new materials for new applications in medical engineering, regenerative medicine, and cancer treatment. Now, he is a assistant professor of Tissue Engineering at Fasa University of Medical Sciences, Iran. His research interests including Wound Healing, Tissue Engineering, Human Origin Biomaterials, Blood Derived Biomaterials, etc. Since 2009, he has participated in several academic projects and conferences, and has published dozens of articles.



Pranjal Gujarathi,
Research Scholar & Assistant Professor
 Bhagwan Mahavir University, Gujarat, India;
 Vidhyadeep Institute of Pharmacy, Vidhyadeep
 University, Gujarat, India

Pranjal Gujarathi is the Ph.D. Research Scholar at Bhagwan Mahavir College of Pharmacy, Bhagwan Mahavir University, Gujarat, India, and also works as an assistant professor at Department of Pharmacology, Vidhyadeep Institute of Pharmacy, Vidhyadeep University, Gujarat, India. She expertise in natural medicines and treatment, in-vitro and in-vivo studies, handling the basic and advances equipment's used in pharmacology experiments, and has published various reviews and research paper internationally in Springer, Elsevier journal. She is the author of one national and international book. Pranjal Gujarathi also attended some academic conferences as keynote speaker and delivered her wonderful speeches. She serves as the Editor of edited book series of Iterative International Publisher, reviewer for some journals and is the member of Association of Pharmaceutical Teacher of India (APTI).

墙报展示嘉宾

POSTER PRESENTER

Luo Ya (罗娅), Scholar

The Second Affiliated Hospital of Army Medical University, China

IV. 组织机构

IV. ORGANIZATION



ICBP 2024 国际会议承办单位国际管理科学与工程协会（IAMSET）于 2010 年在香港注册成立，为合法运营的专业机构，在郑州设立有办事处。业务范畴包括理学、自然科学、社会科学、工程科学、信息学、医学等，涵盖了国际 STEM 的全部学科：科学（Science），技术（Technology），工程（Engineering），数学（Mathematics）等，并通过组织国际学术会议、论坛、研讨会等多种学术交流活动，为来自世界各地的专家学者建立了学术交流的优质平台。

协会通过组织并承办技术研讨会与来自全球的学术机构或个人建立良好的合作关系，为各国学者提供互相学习、自由交流的平台，为年轻学者提供机会，使其能够在实践中撰写优秀学术成果、了解学术成果出版的操作流程，从而提升自身以及团队的学术水平。同时为推进和传播管理科学、工程技术等前沿研究提供强有力的支持。

国际管理科学与工程协会与多家世界知名出版集团和多位期刊主编建立了良好的合作关系，如学术出版社（Academic Press），施普林格出版社（Springer），美国机械工程师协会（ASME），美国科学出版社（American Scientific Publishing）等出版社。

协会承接国际学术会议举办, 国际人才引进, 高分学术论文指导, 优秀论文推荐发表, 论文推广等学术活动。国际管理科学与工程技术协会努力践行以上使命, 以加强与各国学术机构之间的合作, 促进国际学术交流。

V.会议主席

V. CONFERENCE CHAIRMAN



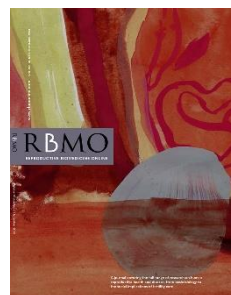
Dr. Zhenling Liu

Henan University of Technology, China

Prof. Zhenling Liu is the associate professor at the School of Management, Henan University of Technology and is charge of teaching the courses, including “Quantitative Analysis”, “Comprehensive Experiment on Application of Statistical Analysis Software”, “Econometrics”, “Marketing Research and Decision Making”, and “Frontier of Management”, etc. His research interests focus on energy-economy-environment system and sustainable development. Prof. Liu presided or participated in several projects and has published more than 90 papers in national and international journals and 13 books. He also severs as the associate editor of Journal of Sustainable Science and Management, and the editor of Advances in Industrial Engineering and Management. Prof. Liu has won several awards, including 3 provincial and ministerial science and technology progress awards.

VI.期刊支持

VI. RELATED RENOWNED JOURNALS



VII. 参与信息

VII. PARTICIPATION INFORMATION

会议时间和方式

Conference Time and Way

- 北京时间 2024 年 9 月 25 日, 10:00-18:00 会议测试
September 25, 2024, 10:00-18:00 (Beijing Time): Conference Rehearsal
- 北京时间 2024 年 9 月 26 日, 10:00-18:00 线上会议
September 26, 2024, 10:00-18:00 (Beijing Time): Online Conference

- 请下载腾讯会议并提前注册账号
Please install VooV Meeting Software on your PC (The official website of VooV Meeting Software: <https://voovmeeting.com/>) and create an account in advance.

- 请各位嘉宾于会议当天提前进入会议室，谢谢！
Please speakers join the VooV Meeting in advance on September 26, 2024 (Beijing Time). Thanks.

会议入口

Conference Entrance

- 会议测试入口/Conference Rehearsal Entrance

链接: <https://meeting.tencent.com/dm/5abluRkc9gdq>

#腾讯会议: 107-326-578

会议密码: 2024

Link: <https://meeting.tencent.com/dm/5abluRkc9gdq>

Conference ID: 107-326-578

Password: 2024

- 正式会议入口/Online Conference Entrance

链接: <https://meeting.tencent.com/dm/QtEZYqRy7pbv>

#腾讯会议: 831-123-851

会议密码: 2024

Link: <https://meeting.tencent.com/dm/QtEZYqRy7pbv>

Conference ID: 831-123-851

Password: 2024

- 其他参会入口

微信视频号直播—WeChat Channels Live

抖音直播—TikTok (Chinese version) Live

Note: We will upload the conference recording to TikTok, WeChat Channel, Twitter, YouTube to promote the conference and your article after the conference.

联系方式

Contact Us

会务组

CONFERENCE AFFAIRS GROUP

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