

# The 4th Global Synthetic Biology & Gene and Cell Therapy Industrial Chain Forum

*The following are invited speakers and topics (to be further updated).*

Morning of December 1, Insight into the Next Decade of Synthetic Biology	
Moderator: Mr. Jesse Chen, VP, GenScript Biotech Corporation	
9:00-9:10	Organizer's Speech: Patrick Liu, Ph.D., Rotating CEO, GenScript Biotech Corporation
9:10-9:35	<b>Keynote Speech: Building a National Biomedical Big Data Sharing Platform</b> Guoping Zhao, Ph.D., Prof., Molecular Microbiologist, Member of the Chinese Academy of Sciences, Principal Investigator at CAS Center for Excellence in Molecular Plant Sciences, Head of Department of Microbiology and Immunology at School of Life Sciences Fudan University
9:35-10:00	<b>Keynote Speech: Biopharmaceutical R&amp;D: From Natural Screening to Synthetic Biology</b> Zixin Deng, Ph.D., Prof., Member of the Chinese Academy of Sciences, Fellow of the Academy of Sciences for the Developing World, Fellow of American Academy of Microbiology, Head of the State Key Laboratory of Microbial Metabolism in China, President of Chinese Society for Microbiology
10:00-10:25	<b>Keynote Speech: From Big Data-Based Precision Medicine to Nucleic Acid Drugs</b> Runsheng Chen, Ph.D., Prof., Member of the Chinese Academy of Sciences, Director of Academic Board, Chinese Academy of Sciences Key Laboratory of Nucleic Acid Biology, Institute of Biophysics
10:25-10:50	<b>Keynote Speech: DNA, HGP, and Future of Man</b> Huanming Yang, Ph.D., Prof., Member of Chinese Academy of Sciences, Professor at the University of Chinese Academy of Sciences and the Chinese Academy of Medical Sciences, Vice-President of the Genetics Society of China and the Chinese Society for Urban Science Research, Chairman and Co-founder of BGI
10:50-11:15	<b>Keynote Speech: Takeaways on New Technology and Industry Transformation</b> Xiaoning Wang, Professor, Secretary-General of China Union of Life Science Societies
11:15-11:30	Tea Break
11:30-12:20	<b>Fireside Chat: Lessons Learned, Opportunities Gained: Multiple Technology Roadmaps and Commercialization of China's Engineered Vaccines</b> Moderator: Li Zhu, Ph.D., Executive Director & Chief Strategy Officer, GenScript Biotech Corporation Panelists: <ul style="list-style-type: none"> <li>▪ Ling Chen, Professor, Standing Deputy Director General at State Key Laboratory of Respiratory Diseases, Principal Investigator at Guangzhou Institutes of Biomedicine and Health, CAS</li> <li>▪ Li Mao, Professor, Chief Medical Officer, Sino Biopharmaceutical (Virtual)</li> <li>▪ Yaning Wang, Ph.D., CEO, Createrna Science &amp; Technology; Former Director of Division of Pharmacometrics, Office of Clinical Pharmacology, Center for Drug Evaluation and Research, US FDA (Virtual)</li> <li>▪ Chenyu Zhang, Professor of Biochemistry, Dean &amp; Vice-chancellor of School of Life Sciences, Nanjing University</li> <li>▪ Aimin Hui, Ph.D., Executive President, President of Global R&amp;D &amp; Chief</li> </ul>

December 1-2, Shangri-La Nanjing

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	<p>Medical Officer, Fosun Pharma</p> <ul style="list-style-type: none"> <li>▪ Linfa Wang, Professor, Member of Australian Academy of Technology and Engineering, Professor &amp; Director of the Program in Emerging Infectious Diseases at Duke-NUS Medical School (Virtual)</li> <li>▪ Hangwen Li, Ph.D., Founder &amp; CEO, Stemirna Therapeutics</li> <li>▪ Bin Wang, Ph.D., Prof., Founder &amp; Chairman at Science Committee, Advaccine Biotech</li> <li>▪ Ben Zhao, Ph.D., Former CMC Reviewer &amp; GMP Inspector, US FDA; Founder &amp; President, Haichang Biotech</li> </ul>
12:20-14:00	Luncheon
<b>Afternoon of December 1, Technical Innovation and Application Prospects in Synthetic Biology</b>	
14:00-14:25	<p><b>Keynote Speech: Artificial Chromosomes for Data Storage</b></p> <p>Yingjin Yuan, Ph.D., Prof., Member of the Chinese Academy of Sciences, Member of the Standing Committee of the CPC Committee &amp; Vice President of Tianjin University (Virtual)</p>
14:25-14:50	<p><b>Keynote Speech: In Vivo Self-assembled Small RNAs as the New Generation of RNAi Therapeutics</b></p> <p>Chenyu Zhang, Ph.D., Professor of Biochemistry, Dean &amp; Vice-chancellor of School of Life Sciences, Nanjing University</p>
14:50-15:15	<p><b>Presentation Topic: Genetic Switches for Precision Medicine</b></p> <p>Haifeng Ye, Ph.D., Professor, Principal Investigator &amp; Vice Dean of School of Life Sciences, East China Normal University</p>
15:15-15:55	<p><b>Panel Discussion: Synthetic Biology-based Machine Learning Methods and Applications</b></p> <p>Moderator: Julia Xing, Ph.D., Founder &amp; CEO, Shihua Medical (Suzhou) China /XPrecision LLC (Maryland) US</p> <p>Panelists:</p> <ul style="list-style-type: none"> <li>▪ Xinqi Gong, Ph.D., Professor at Institute of Mathematical Sciences, Renmin University of China (Virtual)</li> <li>▪ Haifeng Ye, PhD., Professor, Principal Investigator &amp; Vice Dean of School of Life Sciences, East China Normal University</li> <li>▪ Lijia Ma, Ph.D., Professor, Distinguished Principal Investigator at School of Life Sciences, Westlake University</li> <li>▪ Hong He, Ph.D., Co-founder &amp; CEO, Xiamen Chokhmah Biotech</li> <li>▪ Haotian Guo, Ph.D., Co-founder &amp; CEO, Ailurus Biotech</li> </ul>
15:55-16:10	Tea Break
16:10-16:35	<p><b>Presentation Topic: Engineering Synthetic Gene Part and Circuit: From Basic to Translational Studies</b></p> <p>Zhen Xie, Adjunct Professor at Center for Synthetic &amp; Systems Biology, Tsinghua University, Chief Science Officer at SyngenTech</p>
16:35-17:00	<p><b>Keynote Speech: How to Create Competitive Closed-loop Biomaterial Model</b></p> <p>Xiucui Liu, Ph.D., Founder &amp; Chairman &amp; CEO, Cathay Biotech</p>

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17:00-17:40	<b>Fireside Chat: Application of Synthetic Biology in Emerging Technologies and Social Impacts</b> Moderator: Rudy Zhou, General Manager, Bestzyme Bio-engineering Co., Ltd. Panelists: <ul style="list-style-type: none"> <li>▪ Weiming Jiang, Ph.D., Former President, DSM China</li> <li>▪ Xiucui Liu, Ph.D., Founder &amp; Chairman &amp; CEO, Cathay Biotech</li> <li>▪ Haoqian Zhang, Ph.D., Co-founder &amp; CEO, Bluepha Co., Ltd.</li> <li>▪ Mr. Bin Wang, VP, Hillhouse Capital Management</li> </ul>
17:40-18:20	<b>Fireside Chat: Investment Prospects and IPO Services of Biotech Ecosystem</b> Moderator: Zengjiang Cheng, Ph.D., Founder of Tongxieyi Forum; Secretary General of Tongxieyi New Drug Elite Club; Chairman, PharmaSea Panelists: <ul style="list-style-type: none"> <li>▪ Ms. Winnie Han, Senior Vice President, Global Issuer Services, HKEX (Virtual)</li> <li>▪ Adam Zhao, Ph.D., Founding Partner, AnLongMed; Founder, AnLongBio</li> <li>▪ Xiaodi Su, Ph.D., Vice President, Lilly Asia Ventures</li> <li>▪ Alvin Syh, CEO of Anrich Capital Asia; CEO of BC Asset Management Center (Virtual)</li> <li>▪ Mr. Zhi Xiao, Co-head of Healthcare Investment Team &amp; Managing Director, SDIC</li> <li>▪ Dong Lv, Ph.D., Managing Director, Zhuhai Hillhouse Investment Management Co., Ltd.</li> <li>▪ Joshua Ling, Chairman, Sino Boundary Medical Innovation Fund</li> <li>▪ Elaine Li, Ph.D. Co-founder&amp;CEO, Innoforce Pharmaceuticals</li> </ul>
18:30-20:30	<b>VIP Reception (Invite-Only)</b>
<b>Morning of December 2, Gene and Cell Therapy: Technical Breakthrough and Industry Prospects</b>	
Moderator: Cuiying Shao, Ph.D., R&D VP, GenScript ProBio	
9:00-9:20	Remarks: Brian Min, Ph.D., CEO, GenScript ProBio
9:20-9:50	<b>Keynote Speech: Synthetic Immunology and Cell Therapy</b> Zhigang Tian, Member of the Chinese Academy of Engineering Director of Institute of Immunology, Dean of the school of Basic Medicine(USTC)
9:50-10:20	<b>Keynote Speech: Based in China, Facing the world: The Globalization Process and Layout of Cell Therapy in China</b> Frank Fan, Ph.D., Chief Scientific Officer, Legend Biotech Corporation
10:20-10:50	<b>Keynote Speech: New R&amp;D Strategy of CAR-T Cell Therapy for Solid Tumors</b> Cheng Qian, Professor, Chief Scientist ,Chongqing Precision Biotech
10:50-11:10	Tea Break
11:10-11:40	<b>Keynote Speech: Made in China Boosts China's Gene and Cell Therapy</b> Hong Qian, Ph.D., Chief Operating Officer of GenScript Life Sciences Group GenScript Biotech Corporation
11:40-12:30	<b>Panel Discussion: Innovation-Breakthrough: Unfolding a New Chapter of Gene and Cell Therapy</b>

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	<p><b>Moderator:</b> Yu Zhang, Ph.D., Vice General Manager &amp; Chief Scientific Officer, VCANBIO; CEO, VCANBIO Pharmaceutical</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>James Li, M.D., Co-founder, Chairman of the Board and CEO, JW Therapeutics</li> <li>Yi Zhang, Professor, Director of Biotherapy Center, the First Affiliated Hospital of Zhengzhou University</li> <li>DanZhang, Ph.D., Co-Founder &amp; Chief Strategy Officer, ClinChoice; Foreign Member of Russian Academy of Engineering</li> <li>Yongjun Fang, Chief physician of Hematology Oncology Department, Nanjing Children's Hospital</li> </ul>
12:30-14:00	Luncheon
<b>Afternoon of December 2, Gene and Cell Therapy: Industrialization and Commercialization</b>	
14:00-14:30	<p><b>Keynote Speech: Combined Interventional Therapy and Targeted Immunotherapy for Liver Cancer</b></p> <p>Gaojun Teng, M.D., Member of the Chinese Academy of Sciences, Chief Professor, Southeast University, Director of Zhongda Hospital Affiliated to Southeast University &amp; Chair of the Center of Interventional Radiology and Vascular Surgery</p>
14:30-15:00	<p><b>Keynote Speech: Regulatory Policy Research and Trends of Cell Therapy in China</b></p> <p>Tao Wan, Professor of State Key Laboratory of Medical Immunology</p>
15:00-15:30	<p><b>Keynote Speech: Cell Therapy Innovation and Compliance — Current Situation and Future</b></p> <p>Richard Wang, Ph.D., Founder, Chairman &amp; CEO, Neukio Biotherapeutics</p>
15:30-16:00	<p><b>Keynote Speech: A Complete Suite of Reagents for CRISPR Editing</b></p> <p>Hong Li, Ph.D., VP of Global R&amp;D Center, GenScript Biotech Corporation</p>
16:00-16:20	Tea Break
16:20-16:50	<p><b>In-depth Dialogue: Unlocked Capital Potential Boosts Gene and Cell Therapy</b></p> <p><b>Moderator:</b> Kechun Li, Partner, YuanBio Venture Capital</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>Junfeng Wang, Managing Director, Legend Capital</li> <li>John Wang, Executive Partner, GTJA Investment Group</li> <li>Xiao Zhang, Partner &amp; Head of Pharma and Biotech Team, CEC Capital</li> </ul>
16:50-17:30	<p><b>In-depth Dialogue: Commercialization Challenges of Gene and Cell Therapy</b></p> <p><b>Moderator:</b> Sean Liour, Ph.D., Head of PM &amp; RA, GenScript ProBio</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>Feifei Qi, Ph.D., CTO and co-founder of Immunochina Pharmaceuticals</li> <li>Lin Yang, Ph.D., founder and Chairman, PersonGen BioTherapeutics</li> <li>Yi Li, Ph.D., Principal Investigator at Bioland Laboratory, Principal Investigator at Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences</li> </ul>
18:00-20:00	<b>VIP Reception (Invite-Only)</b>

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