

**Agenda**  
**August 1 Morning Session**

Registration

Location : Escalator exit at the 3rd floor of China National Convention Center

Time	Item
7:30-9:00	Registration

**August 1 Morning Session**  
**Conference Opening Ceremony**

Location: CNCC Hall 309AB

Time	Item
9:00-9:30	China Entry & Exit Inspection and Quarantine Association President Wang Xin's Speech
9:30-9:50	International Institute for Sustainable Laboratories Vice President Daniel L. Doyle's Speech
9:50-10:00	I <sup>2</sup> SL-CIQA Vice President Chi Haipeng's Speech
10:00-10:30	Tea Break

**Venue 1: Government laboratory management and policy**

Location: CNCC Hall 306AB

Host: Wenyi Che

Time	Company	Presenter	Position	Topic
10:30-11:00	State Administration for Market Regulatory	Xu Xinjian	Director	Sustainable Laboratories promote the development of accreditation and inspection
11:00-11:30	Chinese Academy of International Trade and Economic Cooperation, MOFCOM	Zhang Jianping	Director, Researcher	Reform and opening up; development of scientific and technological innovation
11:30-12:00	China National Accreditation Service for Conformity Assessment (CNAS)	Xiao Liang	Vice President	The principle and practice of laboratory accreditation to promote the sustainable development of inspection and testing institutions
12:00-12:30	Discussion and summary			

**Venue 2: University laboratory1**

Location: CNCC Hall 307AB

Host: Yu Ye

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
10:15-10:45	Institute of process engineering, Chinese Academy of Sciences	Wan Yinhua	Vice President, Researcher	Efficient treatment of laboratory waste water
10:45-11:15	University of California, Irvine	Wendell C. Brase	Associate Chancellor	Best Practices in University Laboratory Design
11:15-11:45	Peking University Health Science Center	Yu Ye	Division Chief	The exploration of general laboratory construction in medical colleague
11:45-12:15	China National Accreditation Service for Conformity Assessment (CNAS)	Song Guilan	Former Deputy Secretary General	Chinese scientific research laboratory accreditation system
12:15-12:45	Discussion and summary			

### **Venue 3:International excellent scientific research building case analysis**

**Location: CNCC Hall 308**

**Host: Ye Yiqian**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
10:30-11:00	Grumman/Butkus Associates	Daniel L. Doyle	Global President	University of Illinois at Urbana-Champaign, Frederick Seitz Materials Research Laboratory and Micro and Nanotechnology Laboratory Renovations
11:00-11:30	Beijing Institute of Architectural Design	Ye Yiqian	Chief Architect	Green-design of R&D building
11:30-12:00	Cannon Design	Punit K.Jain	Global Senior Vice President	Browning Hall: A Sustainable and Interdisciplinary Learning and Research Environment at Webster University in Saint Louis
12:00-12:30	Round-table			

**Venue4: High technology and finance****Location: CNCC Hall 310****Host: Zhao Tianli**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
10:30-11:00	CAIQ-TUS TECHNOLOGY SERVICES CO.,LTD.	Zhao Tianli	Executive General Manager	Analysis of Investment and Financing Opportunities in Testing Industry
11:00-11:30	MA Club	Tan Lin	CEO (Chief Ecological Officer)	Business Model Innovation in Web 3.0 Era
11:30-12:00	Fera Science Ltd.	Damian Malins	Venturing Projects Director	Fera Science Venturing - innovation in crop health, pest & diseases, laboratory services, and food assurance & traceability.
12:00-12:30	Discussion and summary			

**Venue5: User talk laboratory1****Location: CNCC Hall 311A****Host: Liu Yang**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
10:30-11:00	Yale University	Christopher D. Incarvito	Director of Research Operations and Technology	Integrating Safety and Operations to Reach Sustainability Design Goals
11:00-11:30	Emory University and Emory Healthcare	Kelly O' Day Weisinger	Assistant Director	Landfill Diversion from Labs: Upstream, Downstream, and Lab User Innovations
11:30-12:00	BGI group	Liu Yang	Director of Quality and Standardization Office	High-throughput genetic testing laboratory construction
12:00-12:30	Round-table			

**Venue6: Chemical laboratory construction and safety issue, etc.****Location: CNCC Hall 311B****Host: Cheng Yan**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
10:30-11:00	Institute of Chemistry Chinese Academy of Sciences	Cheng Yan	Division Chief	A discussion about the Construction of R&D Chemistry Laboratory

11:00-11:30	China Institute of Petroleum and Petrochemical Condition	Zhu Guanlai	senior engineering	A brief analysis on the construction of petrochemical research laboratory
11:30-12:00	CNPC	Xu Jian	manager	laboratory renovation experience sharing
12:00-12:30	Discussion and summary			

**August 1 Afternoon Session**  
**Venue 1: CAR-T laboratory construction**

**Location: CNCC Hall 306AB      Host: Lv Lulu**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
<b>14:00-14:30</b>	Juventas Cell Therapy Ltd	Lv Lulu	Chief Executive Officer	Development status and trend of immune cell therapy
<b>14:30-15:00</b>	Hospital of Hematology, Chinese Academy of Medical Sciences	Wang Ying	Chief physician, MD, Master Tutor	Clinical Research and Optimazation of CAR-T therapy
<b>15:00-15:30</b>	Tea Break			
<b>15:30-16:00</b>	Juventas Cell Therapy Ltd	Wang Yueming	Chief Operation Officer	URS &GMP compliance of R&D facilities for immune cell therapy
<b>16:00-16:30</b>	Shanghai Office, Meiyang International Design Firm	Zhao Huidiao	Vice General Manager	An approach on design of R&D facilities for cell therapeutical drugs such as CAR-T
<b>16:30-17:00</b>	Round-table			

**Venue2:Scientific park management and construction1****Location: CNCC Hall 307AB Host: Gordon P. Sharp**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
14:00-14:30	Jacobs	Ellen Sisle	Design Director	Challenges and Opportunities in Sustainable Research Facilities: High Performance labs in Developer-Owned Buildings
14:30-15:00	FlexLab Electronics Laboratory LLC.	Vicktoria Zheltova	CEO	experience and best practices of launching high-tech lab on thin film electronics
15:00-15:30	Tea Break			
15:30-16:00	Istitute of Mechanics, Chinese Academy of Sciences	Liang Xian	Researcher	Analysis of laboratory gas flow field
16:00-16:30	Aircuity	Gordon P. Sharp	Global President	The Extreme Sports of Low Energy Labs: Case Studies in Net Zero Lab Design
16:30-17:00	Discussion and summary			

**Venue3:University laboratory 2****Location: CNCC Hall 308 Host: Guo Minjie**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
14:00-14:30	Peking University School of Pharmaceutical Sciences	Guo Minjie	professor	Practice and thinking on the construction and management of pharmaceutical laboratory in colleges and universities
14:30-15:00	DLR Group	Vicki Victoria David	Laboratory Planning Design Leader   Principal	Planning and Design Strategies that Support Prudent Practices for Handling Hazardous Chemicals in Laboratories
15:00-15:30	Tea Break			
15:30-16:00	China National Accreditation Service for Conformity Assessment (CNAS)	Lv Jing	Researcher	Requirements for laboratory safety related standards
16:00-16:30	Zhejiang University	Feng Jianyue	Division Chief, Executive Deputy Director	Reflections on the standardization construction of university laboratory safety management system

16:30-17:00	Yale University	Christopher D. Incarvito	Director of Research Operations and Technology	Energy Reduction Strategies for Newly Acquired Buildings at Yale University
17:00-17:30	Round-table			

#### Venue 4. New technology application

Location: CNCC Hall 310 Host: Chi Haipeng

Time	Company	Presenter	Position	Topic
14:00-14:30	China Academy of Building Research	Xu Zhonglin,	Researcher	High technology requirements for laboratories
14:30-15:00	CPP Wind Engineering & Air Quality Consultants	Bradley Charles Cochran	President	The Basics of Laboratory Exhaust Design
15:00-15:30	Tea Break			
15:30-16:00	Beijing Dynaflo	Chi Haipeng	GM	Assembly-based achievement laboratory unplugged implementation
16:00-16:30	Konvekta China .Konvekta AG wholly- owned- subsidiary	Zhang Zhentian	Chief Representative	Active heat recovery - the future of fresh air conditioning
16:30-17:00	Discussion and summary			

#### Venue 5. International excellent scientific research building case analysis2

Location: CNCC Hall 311A Host: Zhou Sun

Time	Company	Presenter	Position	Topic
14:00-14:30	China IPPR International Engineering CO.,LTD.	Tian Mengjin	Vice General Manager	Experience and prospect of scientific research experimental building construction
14:30-15:00	Beijing Institute of Architectural Design	Zhou Sun	vice chief engineer	Design and research of micro-nano laboratory
15:00-15:30	Tea Break			
15:30-16:00	Perkins and Will	Jeffrey R. Zynda	Principal, Science + Technology Practice Leader	Case Studies: Science Buildings at the University of Washington and the University of Calgary
16:00-16:30	Jacobs	Tejoon Jung	Chief Architect	From Candy bars and Newspapers to Science – Renovating Existing

				Buildings for Laboratory Use
16:30-17:00	Discussion and summary			

**Venue 6. Sustainable laboratory construction 1**

**Location: CNCC Hall 311B      Host: Xun Haiyan**

Time	Company	Presenter	Position	Topic
14:00-14:30	Siemens	Timothy Walsh	Global Technical Manager	Trends in science and technology impacting lab design
14:30-15:00	University of California, Irvine	Wendell C. Brase	Associate Chancellor	What Makes a Smart Lab "Smart"?
15:00-15:30	Tea Break			
15:30-16:00	Institute of Zoology, Chinese Academy of Sciences	Xu Haiyan	Section chief	Construction of scientific laboratory based on ecological development
16:00-16:30	STIRLING ULTRACOLD A Division of Global Cooling, Inc.	Tim Kehrli	Regional Sales Director – West US/Canada Director of New Business Development - Asia	The Science and Application of Ultra Low Temperature (ULT) Freezer Technology
16:30-17:00	Discussion and summary			

**August 2 Morning Session**

**Venue 1: Medical laboratory construction**

**Location: CNCC Hall 306AB      Host: Li Baoshan**

Time	Company	Presenter	Position	Topic
9:00-9:30	ZHU	Li Baoshan	Editor in Chief of ZHU	Looking to the future, exploring the development path of Chinese medical laboratory
9:30-10:00	Peking Union Medical College Hospital	Wu Zhihong	Laboratory Director	Construction of intelligent laboratory in PUMCH
10:00-10:30	Tea Break			
10:30-11:00	China Architecture Design & Research Group	Yang Haiyu	Vice General Architect of CADG, Director of	The concept of humanistic environment in scientific

			Medical and Scientific Architecture Institute	research buildings
11:00-11:30	Fu Wai Hospital, Capital Medical University	Hu Daotao	Director of Animal Centre	Fu Wai Hospital, Capital Medical University
11:30-12:00	Round-table			

**Venue 2: Vivarium construction**

**Location: CNCC Hall 307AB**

**Host: Fu Jiangnan**

Time	Company	Presenter	Position	Topic
9:00-9:30	Jinan University	Fu Jiangnan	Director of Experimental Animals Management Center	Principles, hot spots and key countermeasures of architectural process design of experimental animal facilities in China
9:30-10:00	The Fourth Military Medical University	Liu Yi	Associate Professor	Standard and technology status of harmless treatment of waste gas in experimental animal facilities in China
10:00-10:30	Tea Break			
10:30-11:00	Aircuity	Gordon P. Sharp	Global President	A Review of the New Canadian CCAC Guidelines on Air Quality Monitoring & Reducing Vivarium Energy Use
11:00-11:30	China Technology Industry Holdings(Shenzhen) CO.,LTD.	Wang Hongjun	General manager	A discussion on the intelligent development of experimental animal facilities and equipment in China
11:30-12:00	Discussion and summary			

**Venue3: Scientific park management and construction 2**

**Location: CNCC Hall 308**

**Host: Jiang Haiyu**

Time	Company	Presenter	Position	Topic
9:00-9:30	Perkins and Will	Jeffrey R. Zynda	Principal, Science + Technology Practice Leader	The Realities of Net Zero for Laboratories
9:30-10:00	China IPPR International Engineering Company	Jiang Haiyu	Process Engineer	Laboratory planning and design experience sharing



10:00-10:30	Tea Break			
10:30-11:00	DLR Group	Vicki Victoria David	Laboratory Planning Design Leader   Principal	Getting Beyond the Checklist: Leveraging a Predesign Process to Set Higher and More Wholistic Sustainability Goals
11:00-11:30	STIRLING ULTRACOLD A Division of Global Cooling, Inc.	Tim Kehrl	Regional Sales Director – West US/Canada Director of New Business Development - Asia	A Life Cycle Analysis Tool for Facility Planners and Architects
11:30-12:00	Round-table			

**Venue4: International excellent scientific research building case analysis 3**

**Location: CNCC Hall 310 Host: Xu Yuanqing**

Time	Company	Presenter	Position	Topic
9:00-9:30	Siemens	Timothy Walsh	Global Technical Manager	Integrated building management systems for safe and efficient lab buildings
9:30-10:00	Atelier Ten Environmental Design	Shruti Kasarekar	Environmental Design Practice Leader	Development of sustainable laboratories in the US
10:00-10:30	Tea Break			
10:30-11:00	China Architecture Design Group	Xu Yuanqing	Vice director of Bureau II	Design of industry-university-research base of institute of pharmacy, Chinese academy of medical sciences
11:00-11:30	Cannon Design	Punit K. Jain	<b>Global Senior Vice President</b>	Bioscience Innovation Building: A Mixing of Biology and Nursing at Purdue University Northwest
11:30-12:00	Discussion and summary			

**Venue5: User talk laboratory 2****Location: CNCC Hall 311A****Host: Yang Lu**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
9:00-9:30	Institute of Materia Medica Chinese Academy of Medical Science	Yang Lu	Manager	Discussion on laboratory operation and management of Beijing Union pharmaceutical factory
9:30-10:00	Rggroup global	Rebekah G. Gladson	FAIA, DBIA, AUA	How flexible is flexible? (Benefits and Challenges of Flexible Laboratory Planning and Design)
10:00-10:30	Tea Break			
10:30-11:00	ReadSense LLC.	Gleb Speshilov	CEO	Application of high-effective next generation sequencing for medical and industrial purposes
11:00-11:30	Novartis	Ren Changjiang	Engineer	Laboratory experience sharing
11:30-12:00	Discussion and summary			

**Venue6. Sustainable laboratory construction 2****Location: CNCC Hall 311B****Host: Wang Yinhang**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
9:00-9:30	Grumman/Butkus Associates	Daniel L. Doyle	Global President	Equipment Replacements Can Be a Big Energy Efficiency Opportunity
9:30-10:00	CPP Wind Engineering & Air Quality Consultants	Bradley Charles Cochran	President	Basics of Dispersion Modeling of Laboratory Exhaust System
10:00-10:30	Tea Break			
10:30-11:00	QED	Paul Michael Carmody	CEO	Renovation: Laboratory in non-laboratory buildings
11:00-11:30	Beijing SCITEC BAS Ltd.	Wang Yihang	GM	A discussion on the construction of sustainable and smart laboratories
11:30-12:00	Discussion and summary			

**August 2 Afternoon**

**Training1.**

**Location: CNCC Hall 306AB      Host: Bradley Charles Cochran**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
14:00-15:30	CPP Wind Engineering & Air Quality Consultants	Bradley Charles Cochran	President	Designing Safe and Energy-Efficient Laboratory Exhaust Systems
15:30-16:00	Tea Break			
16:30-18:00	Rggroup global	Rebekah G. Gladson	FAIA, DBIA, AUA	How to Get What You Want! Capital Project Performance Development

**Training2.**

**Location: CNCC Hall 307AB      Host: Daniel L. Doyle**

<b>Time</b>	<b>Company</b>	<b>Presenter</b>	<b>Position</b>	<b>Topic</b>
14:00-15:30	Grumman/Butkus Associates	Daniel L. Doyle	Global President	Strategies for Maximizing the Energy Efficiency of Laboratory Facilities
15:30-16:00	Tea Break			
16:30-18:00	Emory University and Emory Healthcare	Kelly O' Day Weisinger	Assistant Director	Sustainable Behaviors in Laboratories: Develop Your Own Voluntary "Green Lab" Program

Round table 1

Theme	International excellent scientific research building case analysis	
Time/Location	August 1, 12:00–12:30, CNCC Hall 308	
Host	Ye Yiqian	
<b>Guest</b>		
Grumman/Butkus Associates	Daniel L. Doyle	Global President
Beijing Institute of Architectural Design	Ye Yiqian	Chief Architect
Cannon Design	Punit K. Jain	Global Senior Vice President
China IPPR International Engineering CO.,LTD.	Tian Mengjin	Vice General Manager
Beijing Institute of Architectural Design	Zhou Sun	vice chief engineer
Perkins and Will	Jeffrey R. Zynda	Principal, Science + Technology Practice Leader
Jacobs	Tejoon Jung	Chief Architect

Round table 2

Theme	User talk laboratory	
Time/Location	August 1, 12:15–12:45, CNCC Hall 311A	
Host	Liu Yang	
<b>Guest</b>		
Yale University	Christopher D. Incarvito	Director of Research Operations and Technology
Emory University and Emory Healthcare	Kelly O' Day Weisinger	Assistant Director
BGI group	Liu Yang	Director of Quality and Standardization Office
Institute of Materia Medica Chinese Academy of Medical Science	Yang Lu	Manager
Rggroup global	Rebekah G. Gladson	FAIA, DBIA, AUA
ReadSense LLC.	Gleb Speshilov	CEO

Novartis	Ren Changjiang	Engineer
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Round table 3

Theme	CAR-T laboratory construction	
Time/Location	August 1, 16:30-17:00, CNCC Hall 306AB	
Host	Lv Lulu	
<b>Guest</b>		
Juventas	Lv Lulu	CEO
Institute of hematology, Chinese academy of medical sciences	Wang Ying	Chief physician, MD, Master Tutor
Juventas	Wang Yueming	COO
Shanghai Office, Meiyang International Design Firm	Zhao Huidiao	Director

Round table 4

<b>Theme</b>	<b>University laboratory</b>	
<b>Time/Location</b>	August 1, 17:00–17:30, CNCC Hall 308	
<b>Host</b>	Wan Yinhua	
<b>Guest</b>		
Institute of process engineering, Chinese Academy of Sciences	Wan Yinhua	Researcher, Deputy director
University of California, Irvine	Wendell C. Brase	Associate Chancellor
Peking University Health Science Center	Yu Ye	Division Chief
China National Accreditation Service for Conformity Assessment (CNAS)	Song Guilan	Former Deputy Secretary General
Peking University School of Pharmaceutical Sciences	Guo Minjie	vice-president
Zhejiang University	Feng Jianyue	Division Chief, Executive Deputy Director
Yale University	Christopher D. Incarvito	Director of Research Operations and Technology
DLR Group	Vicki Victoria David	Laboratory Planning Design Leader   Principal
China National Accreditation Service for Conformity Assessment (CNAS)	Lv Jing	Researcher

Round table5

<b>Theme</b>	<b>Medical laboratory construction ( )</b>	
<b>Time/Location</b>	August 2, 11:30–12:00, CNCC Hall 306AB	
<b>Host</b>	Li Baoshan	
<b>Guest</b>		
ZHU	Li Baoshan	Editor in Chief of ZHU
Peking Union Medical College Hospital	Wu Zhihong	Laboratory Director
China Architecture Design & Research Group	Yang Haiyu	Vice General Architect of CADG, Director of Medical and Scientific Architecture Institute
Fu Wai Hospital, Capital Medical University	Hu Daotao	Director of Animal Centre

Beijing Children's Hospital , Capital Medical University	Yang Jian	Director of operations and security
Peking University Third Hospital	Zhao Qixia	Director of infrastructure

**Round table6**

<b>Theme</b>	<b>Scientific park management and construction</b>	
<b>Time/Location</b>	<b>August 2, 11:30–12:00, CNCC Hall308</b>	
<b>Host</b>	Jiang Haiyu	
<b>Guest</b>		
Perkins and Will	Jeffrey R. Zynda	Principal, Science + Technology Practice Leader
China IPPR International Engineering Company	Jiang Haiyu	Process Engineer
DLR Group	Vicki Victoria David	Laboratory Planning Design Leader   Principal
STIRLING ULTRACOLD A Division of Global Cooling, Inc.	Tim Kehrl	Regional Sales Director – West US/Canada Director of New Business Development - Asia