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## **labtech China 2020 concludes successfully with projections for laboratory 2030**

On November 18, the four-day **labtech China 2020**, co-organized by Messe Muenchen Shanghai Co., Ltd., Tongji University, International Laboratory Construction & Evaluation, and the Scientific Equipment and Furniture Association (SEFA), ended successfully.

labtech China 2020 is developed by analytica China, the leading trade show of the laboratory industry in the Asia-Pacific region. The Congress is committed to promoting the overall development of laboratory planning, construction, management and services in China. It advocates the harmony of people and laboratory, and promotes innovations and transformations in the era of Massive Health. A total of **75** leading researchers, architects, and laboratory industry experts offered their insights on **six important topics** concerning the laboratory industry. **Well-known Chinese and foreign enterprises and brands** exhibited their innovative technologies and products in the Live Labs and exhibitions, which attracted a total of **1,723 professional representatives** from the laboratory industry.

**Chief Operating Officer of Messe Muenchen Shanghai Co., Ltd. Mr. Stephen Lu said:** labtech China aims to provide **an efficient and high-quality platform** for the display and communication of high-quality next-gen sustainable laboratory planning, construction and management technologies, so that all parties in this ecosystem can fully express themselves. We are very happy to see that this concept has been recognized by more and more users. We will also continue the differentiated positioning of labtech China in odd and even years, and develop the Congress with the end users at the core position!

As the chief academic counsel of labtech China 2020 and its partner, **Prof. Liu Dong of Tongji University** thinks the Congress is well organized, and the speakers are very inspiring, as most of them are the laboratory rule makers and interpreters from China and other countries. The theme "Health China 2030" embodies a responsibility that aims to solve existing problems.

### **High-calibre forums projects future trends in 2030**

The **labtech China Congress 2020** show features several key themes: **Medical and Health Facility Construction and Laboratory Planning and Design, Laboratory Environment and Safety, Laboratory Safety and Energy Management, Design and Construction of High-Level Biosafety Laboratories, Laboratory Know-how and**

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**Information Management in the Post-Epidemic Era, Human with Lab.** Experts offered in-depth discussion on the current advances in laboratory planning and construction in the post-Covid-19 era, and open up new possibilities for future laboratories. The speakers are from leading institutes including the Chinese Center for Disease Control and Prevention, China National Accreditation Service for Conformity Assessment, National Engineering Research Center for Biological Protection Equipment, Zhejiang Institute of Digital Media (Chinese Academy of Sciences), Institute of Zoology (Chinese Academy of Sciences), Shanghai Public Health Clinical Center, Arcplus Group, China IPPR International Engineering Co., Ltd., Shanghai Architectural Design and Research Institute, Shanghai Oriental Hospital, Tongji University, Engineering Design Management Center of Bureau Public Works of Shenzhen Municipality, and Huawei Technologies Co., Ltd.

**Mr. Chen Guoliang, the Chief Architect of Shanghai Architectural Design and Research Institute, Arcplus Group PLC** represented: “This is my second participation in labtech China. I think the conference is very professional because it is not limited to a particular aspect of the laboratory, but offers a comprehensive overall image of what laboratory construction concerns. At the same time, through this conference we can get in touch with many professional lab personnel. The lecture speakers include laboratory evaluation standards compilers and lab users. I think it is very helpful for us to share and exchange information on such a platform. The conference has **put the construction of laboratories in a larger background, and directly relates it to human life, health, as well as the status and voice of Chinese laboratories in the world.** I think the conference is high-profile and very valuable.”

**Mr. Lu Hongzhou, the CCP Party Secretary of Shanghai Public Health Clinical Center** commented: I think labtech China Congress 2020 is doing very well this year. I think biosafety, especially **the verification of biosafety laboratories is very important.** In many places in China, new P3 and P4 laboratories are being built. I hope that through the construction of more localized P3 and P4 laboratories, we will be able to develop P3 and P4 lab construction techniques that are fully owned by Chinese firms. We must do enough research. Only when we have done enough research and made achievements, can we carry out faster research on pathogenic microorganisms when new infectious diseases strike in the future. We can benefit mankind, and prevent new epidemic outbreaks.

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## **Two supporting programs and event on medical quality management and medical labs**

The **1st Annual Conference on Quality Manager of Sinopharm 2020**, a supporting program of labtech China 2020, addresses issues including the medical policy changes in 2020, and the responsibilities of pharmaceutical quality managers in the new situation. More than 10 leading experts and enterprises representatives were invited to give talks about the new directions and strategies in pharmaceutical quality management. The speakers include state-level inspectors, **CFDI drug inspectors, and representatives from Suzhou Kintor, Xiamen Amoytop, Shanghai Food and Drug Administration, and Sincere Group.**

To improve laboratory operation efficiency and construction quality, another supporting program, the **Future Medical Laboratory Development and Innovation Summit**, under the themes of "**New Trends in Hospital Construction and Laboratory Development in the Post-Covid-19 Era**" and "**Innovative Development and Operation of Medical Laboratories**", discuss the current status and future development of medical laboratory, especially the integrated construction of laboratory systems, the application of new materials and new technologies, as well as the operation and maintenance management of laboratories. The forum shared ideas on the characteristics and advantages, difficulties and challenges of laboratory construction, and aims to promote the new development of medical laboratories.

The exclusive **advanced seminar** for laboratory management and technical personnel is a professional training course sponsored by the **Shanghai Institute of Quality and Standardization**. The know-how feast provided by the "Laboratory Strategies in Response to the Covid-19 Epidemic" provides update information on laboratory accreditation policies, the strategic options of the testing agencies amid the Covid-19 epidemic, and the technical lab practices amid the Covid-19 epidemic, etc. the seminar aims to promote the healthy and sustainable development of laboratory quality and standardized management.

## **Innovative lab technology and products in immersive future lab spaces**

labtech China 2020 offers over 2,000 sqm of **Live Labs**, real-scenario laboratories constructed in the exhibition halls. A number of labs, the **Smart Live Lab, Life Science Live Lab, Innovative Medicine Live Lab, High-tech Innovation Lab , P3 Lab, Food Safety Live Lab and Environmental Monitory Live Lab** are built by leading lab designing and planning enterprises, e.g. Hanguang, WALDNER, UFU, Daxpro, Nori and Kebei. Equipped with the most popular lab technology and automation equipment, including instruments and equipment, software, service solutions and lab construction plans, the Live Labs provides an immersive

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space where visitors may have a glimpse of the future labs that are both humane and multi-functional.

**Mr. Hou Haifeng, President of Shanghai Hanguang Industry CO., Ltd.**, said: This is my second time to speak at the labtech China Congress, and my speech concerns **the Opportunities and Challenges of Chinese Lab Construction in the Post-Covid-19 Era**. This is also our tenth participation in analytica China. At a time when the Covid-19 epidemic is sweeping the world, exhibits and technology this year are more advanced than the previous years, and I think overall they are on a higher caliber. We also **built a Smart Lab** that resembles a real laboratory. I sincerely thank analytica China and labtech China for such a great platform for the laboratory builders and R&D personnel. I believe that the exhibition will become better and stronger!

**Mr. Lin Yifan, Vice President (China) of WALDNER** commented on labtech China and analytica China: Since Waldner entered China in 2013, we have participated in all the analytica China shows. Regarding the labtech China Congress, we participated in its first session last year and we thought it was quite successful. Though held as the Covid-19 epidemic is going on, judging from what we see, it has not been affected. It shows that **labtech China has established strong influence in the industry**.

Moreover, labtech China constructed a **new 600-square-meter Clinical Lab**, focusing on the three themes of tumor clinical treatment and transformation, clinical diagnosis and research of Covid-19, and new drug and vaccine research and development. Innovative products and high-end technologies from Chinese and foreign exhibitors presented an all-round display of the cutting-edge solutions offered by the life sciences and diagnostics industries. The **"2020 Translational Medicine Innovation Technology Forum"** featured the latest research findings and cutting-edge technologies shared by well-known experts. The forum provides a high-quality academic platform for industry-university-research exchanges, and promotes the transformation between fundamental science and clinical application.

labtech China 2020 created a series of **special anti-epidemic laboratories**, including the **Huoyan laboratory (air dome version), Mobile cabin biosafety laboratory, and Container plant factory**. The new **"Modular Inflatable Membrane Negative Pressure Isolation Ward"** jointly developed by Tongji University and Dongfang Hospital was released, in addition to the **"Huo Yan (Fire Eye)" laboratory (air dome version)**. The **mobile cabin biosafety**

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**laboratory** designed by the Smart Environment Technology Team of Tongji University housed in a 20-foot high container also made a grand appearance at Hall E7. Meanwhile, the modular **Intelligent Plant Factory** developed and designed by the team uses soilless planting to grow vegetables inside the container. Testing result shows that it is a plausible way to remove heavy metal residues in vegetables. The **Integrated Nucleic Acid Testing Laboratory** developed by Dynaflo independently is fit for mass nucleic acid testing and contributed much to the Covid-19 control.

### **Continue the New Lab Exhibition Model Serves the Entire Scientific Research Ecology and the Full Life Cycle of Labs**

A total of 75 speeches, and more than 10 live demos and concurrent events were held to discuss global laboratory innovation and development trends, and predict the new opportunities and new challenges for future laboratories in 2030. **Over 2,000 square meters of Live Labs, Clinical Lab, and Anti-Covid-19 Laboratory** connected the cutting-edge technologies with the exhibited products, providing opportunities for efficient communication between the participants and exhibitors. Inheriting the new model of "**exhibition + conference**" initiated by labtech China in 2019, the congress featured a multi-dimensional, all-round and full lifecycle services that range from laboratory construction, furniture, HVAC, cleanliness, to storage, instruments, safety, and intelligent technology.

**Ms. Shi, a Technical R&D Engineer of Chongqing Military Industry Group Co., Ltd.** Presented that this is the first time I participated in labtech China. My main purpose is to see what new products and technologies there are, to see if there are any new ideas that can be used in our products. The lectures and reports I listened to mainly involved the sample pretreatment, laboratory safety and laboratory supplies. We have learned a lot from the Congress.

We look forward to meeting you at labtech China Congress 2021 on November 2021!

For more information about "labtech China", please follow our official WeChat platform "labtechChina".

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**About labtech China Congress**

labtech China Congress is developed by analytica China, the leading laboratory exhibition in Asia. Labtech China Congress presents the future-oriented laboratory ecosystem and its full life cycle from the planning and construction of laboratory complex, to the innovative laboratory technology and products, laboratory management and services. The congress is committed to promoting the sustainable development of laboratory planning, construction and management in China. It advocates the trend towards intelligent and sustainable laboratories, and concerns the safety and health of laboratory staff. Through the “exhibition + conference” model, labtech China Congress offers live labs and innovation exhibition areas that transmit the concepts of “safety, intelligence and sustainability”.

**About Messe Muenchen**

Messe Muenchen is one of the world’s leading trade show organizers. It organizes over 50 trade shows for capital and consumer goods, and key high tech industries. Each year more than 50,000 exhibitors and around three million visitors take part in over 200 events held at Messe Muenchen exhibition center, the ICM – International Congress Center München, and the MOC Veranstaltungszentrum München. Messe München and its subsidiaries organize professional trade shows in China, India, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. Messe Muenchen has a worldwide network with subsidiaries in Europe, Asia and South America and over 70 foreign representatives actively serving more than 100 countries and districts.

The leading international trade fairs of Messe Muenchen are all FKM-certified, i.e. exhibitor and visitor numbers and the figures for exhibition space are collected in line with agreed standards and independently audited on behalf of the FKM (Gesellschaft zur Freiwilligen Kontrolle von Messe- und Ausstellungszahlen), a society for the voluntary monitoring of fair and exhibition statistics. The Group also takes a pioneering role as regards sustainability: It is the first trade-fair company to be awarded energy-efficiency certification from the technical inspection authorities TÜV SÜD. For more information, visit [www.messe-muenchen.de](http://www.messe-muenchen.de).