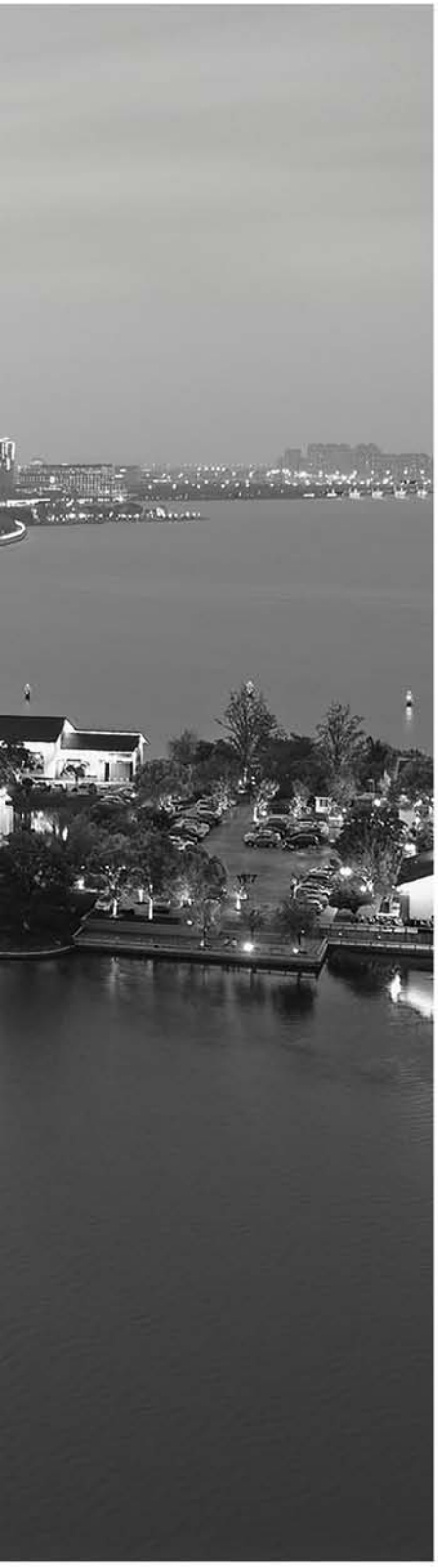
2017
DECEMBER

NEWSLETTER 005

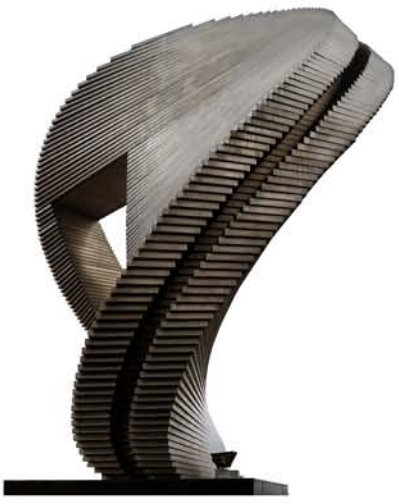
牛津大学高等研究院（苏州）

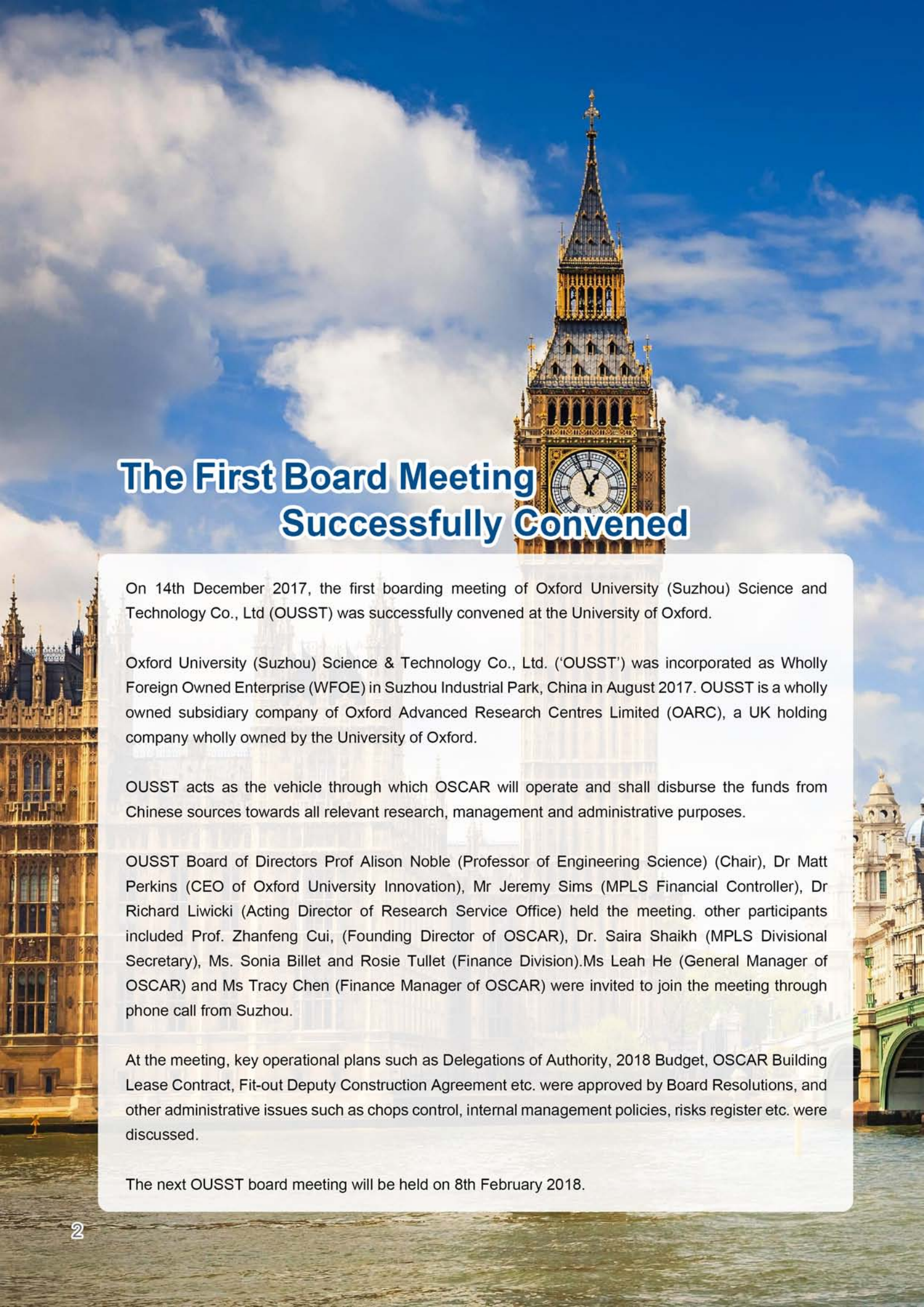
OXFORD SUZHOU CENTRE FOR ADVANCED RESEARCH

oscar.web.ox.ac.uk



HEADLINES





The First Board Meeting Successfully Convened

On 14th December 2017, the first boarding meeting of Oxford University (Suzhou) Science and Technology Co., Ltd (OUSST) was successfully convened at the University of Oxford.

Oxford University (Suzhou) Science & Technology Co., Ltd. ('OUSST') was incorporated as Wholly Foreign Owned Enterprise (WFOE) in Suzhou Industrial Park, China in August 2017. OUSST is a wholly owned subsidiary company of Oxford Advanced Research Centres Limited (OARC), a UK holding company wholly owned by the University of Oxford.

OUSST acts as the vehicle through which OSCAR will operate and shall disburse the funds from Chinese sources towards all relevant research, management and administrative purposes.

OUSST Board of Directors Prof Alison Noble (Professor of Engineering Science) (Chair), Dr Matt Perkins (CEO of Oxford University Innovation), Mr Jeremy Sims (MPLS Financial Controller), Dr Richard Liwicki (Acting Director of Research Service Office) held the meeting. other participants included Prof. Zhanfeng Cui, (Founding Director of OSCAR), Dr. Saira Shaikh (MPLS Divisional Secretary), Ms. Sonia Billet and Rosie Tullet (Finance Division).Ms Leah He (General Manager of OSCAR) and Ms Tracy Chen (Finance Manager of OSCAR) were invited to join the meeting through phone call from Suzhou.

At the meeting, key operational plans such as Delegations of Authority, 2018 Budget, OSCAR Building Lease Contract, Fit-out Deputy Construction Agreement etc. were approved by Board Resolutions, and other administrative issues such as chops control, internal management policies, risks register etc. were discussed.

The next OUSST board meeting will be held on 8th February 2018.

OUSST Board of Directors

Professor Alison Noble

Professor Alison Noble OBE FREng FRS is the Technikos Professor of Bio-medical Engineering in the Oxford University Department of Engineering Science, Associate Head of MPLS Division (Industry and Innovation), and a Fellow of St Hilda's College, Oxford.
Professor Noble is a Fellow of the Royal Society, a Fellow of the IET, a Fellow of the MICCAI Society, and a Fellow of the Royal Academy of Engineering.

Dr Matt Perkins

Dr Matt Perkins is the CEO of Oxford University Innovation (OUI), the research commercialisation arm of Oxford University.
Dr Perkins is a Fellow of the Royal Academy of Engineering and has a BSc and PhD in electronic and electrical engineering from the University of Leeds, where he is now a visiting professor.

Dr Richard Liwicki

Dr Richard Liwicki is Acting Director of Research Services at University of Oxford.
Dr Liwicki is Chairman of Oxford (Beijing) Science and Technology Ltd.

Mr Jeremy Sims

Mr Sims is the MPLS Financial Controller who heads the Divisional finance team and manages all divisional finance activities.
Mr Sims is secretary to the Divisional Finance Committee and member of the Finance Division Operations Board.

Profs Bradley & Cui Honoured as Jinji Lake Talents

On 27th December, the 8th SIP Jinji Lake Talents Awarding Ceremony took place in SIP. Prof Donal Bradley & Prof Zhanfeng Cui, among 29 leading researchers were honoured as Jinji Lake Talents.

See more information from bellow

437 SIP talents receive awards

The 8th SIP Jinji Lake Talents Awarding Ceremony took place in Modern Building, SIP, on 27th Dec. A total of 437 people received the honour of "Jinji Lake Talents"，among which 29 are leading researchers.

The awarding program was initiated in 2010 for the purpose of commending people who have made outstanding contributions to the development of SIP as well as encouraging more talents to settle down in the area. So far, more than 2,640 people have received the award.

This year's award-winning talents come from a wide range of fields. Among them are new entrepreneurs, leading researchers, university teachers, high-end service providers and highly skilled workers.

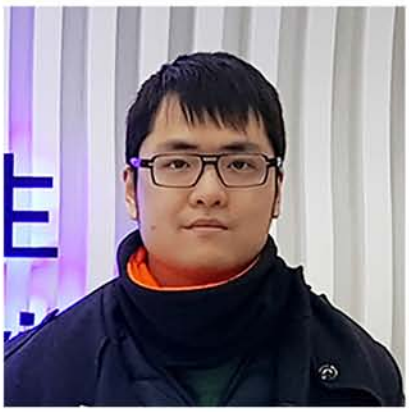
27th December 2017

http://www.sipac.gov.cn/english/news/201712/t20171228_670344.htm

Dr Hui Wang & Mr Thomas Chui's Research in OSCAR

A Brief Summary for Dr Wang's Project

Human mesenchymal stem cells (hMSCs) can be obtained from many organ origins and are attractive subjects for regenerative medicine. During in vitro proliferation, hMSCs display differential gene expression patterns in response to different culturing conditions. This project is to characterise the gene expression patterns in the context of cell-cell interactions in standard and modified culturing conditions. The next generation sequencing technology will be applied to enable comparative transcriptome analysis of hMSCs and other human cell lines in vitro. Experiments will be designed to establish novel measurements for the hMSC culture quality and to provide leading information on optimising hMSC culture conditions.



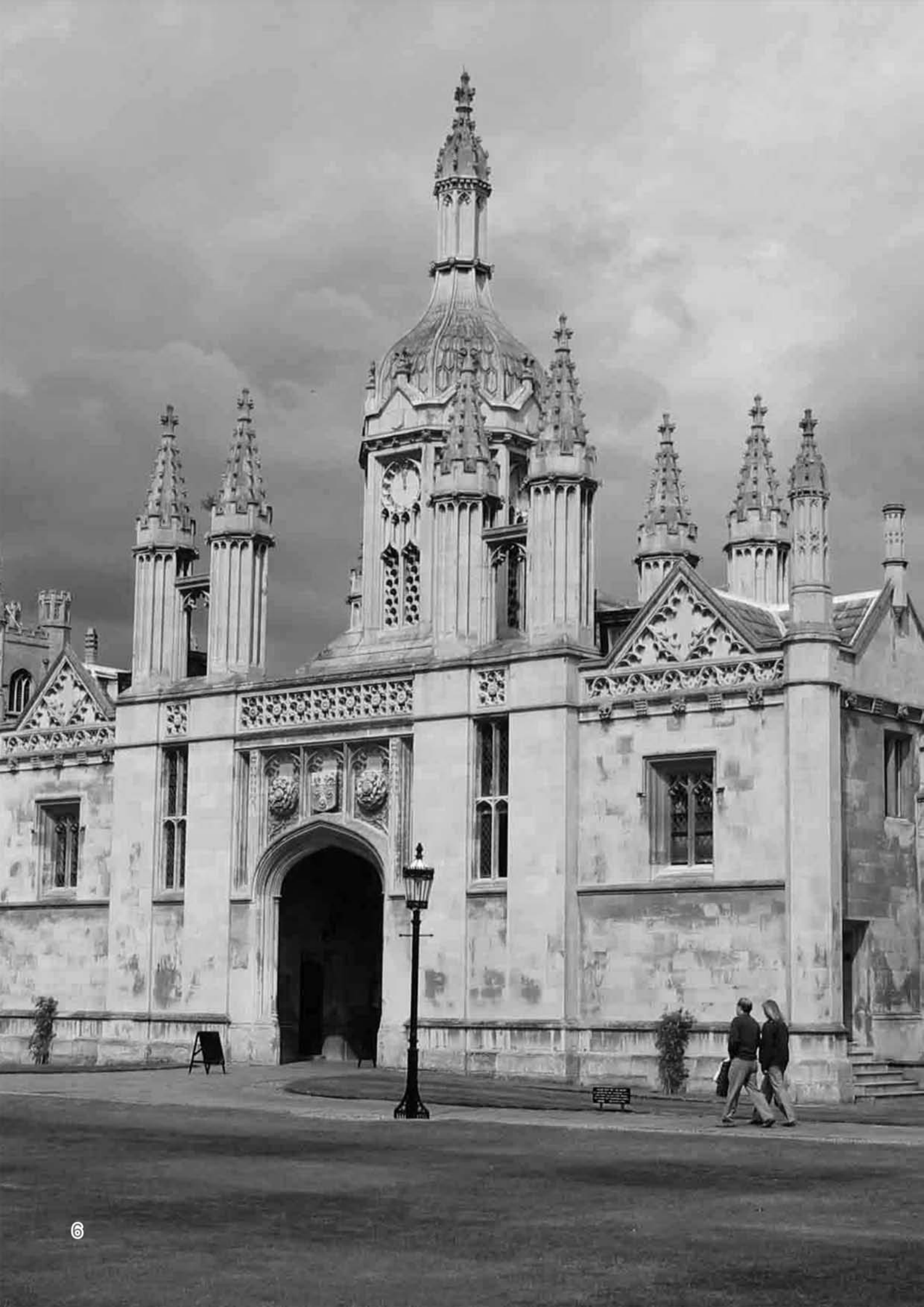
DPhil Student Chui's Feedback to OSCAR

After a busy and eventful term at the Institute of Biomedical Engineering in Oxford, I spent 4 weeks at the Oxford University Suzhou Centre for Advance Research (OSCAR). Upon arriving, I was given a warm welcome by Steven Chen, Office Manager who showed me the current office and introduced me to the OSCAR team. I was also introduced to the future site of the labs once building has finished and the timetable has completed.

My work here mostly involved cell culture and building a stem cell bank for OSCAR. As the OSCAR labs were not completed, the work was conducted at AK (Suzhou) Biomedical Ltd a few minutes' walk away from OSCAR. This gave me a rare opportunity to work in a GMP standard lab. Working here provided me with the chance to learn about commercial production of cells and biomedical products and its vast differences in mind-set and techniques compared to the research based work I am used to at Oxford University.

Suzhou is a great city to work in. OSCAR is located within Suzhou Industrial Park, which allows easy access to several companies developing new technology innovations. The area is very well planned and newly developed. It only takes a few days to learn how to get to different places. Suzhou city centre comprises of several old historical sites and structures dated back several hundred years ago, making great tourist destinations to visit on the weekend. The area I lived in, kindly arranged by OSCAR, was around a 30-minute walk away from OSCAR. It comprises of several universities and due to this there are lots of restaurants, food stands and stores for basic amenities making it really convenient.

It was great to be one of the first to experience OSCAR, the first overseas research institute set up by Oxford University. I would highly recommend future students to visit and conduct research at OSCAR.



China Vice Premier in Oxford for Signing of Research Collaboration

The Vice-Premier of the People's Republic of China, Liu Yandong, has visited Oxford to witness the signing of several research agreements between Oxford University and Chinese partners.

Before the signing, Madame Liu delivered a speech at the Sheldonian Theatre emphasising the deepening of people-to-people exchange between China and the UK and the development of cooperation between the two countries.

Dr Robert Easton, Pro-Vice-Chancellor of the University of Oxford, said: 'Expanding and deepening the University's links with China has been at the heart of our international strategy over the past decade, and will continue to be a major part of our development in the coming years.

'These landmark agreements will seal Oxford's collaboration with medical researchers in China for the coming decades. They will lead, among other things, to the establishment of the first Chinese medical research institute outside of China here in Oxford, and in collaboration with our University.

'Our work with the Chinese Academy of Medical Sciences delivers on Oxford's strategic mission to benefit society on a global scale. Together with the Academy we will work towards new treatments that will benefit many millions of people around the World.'

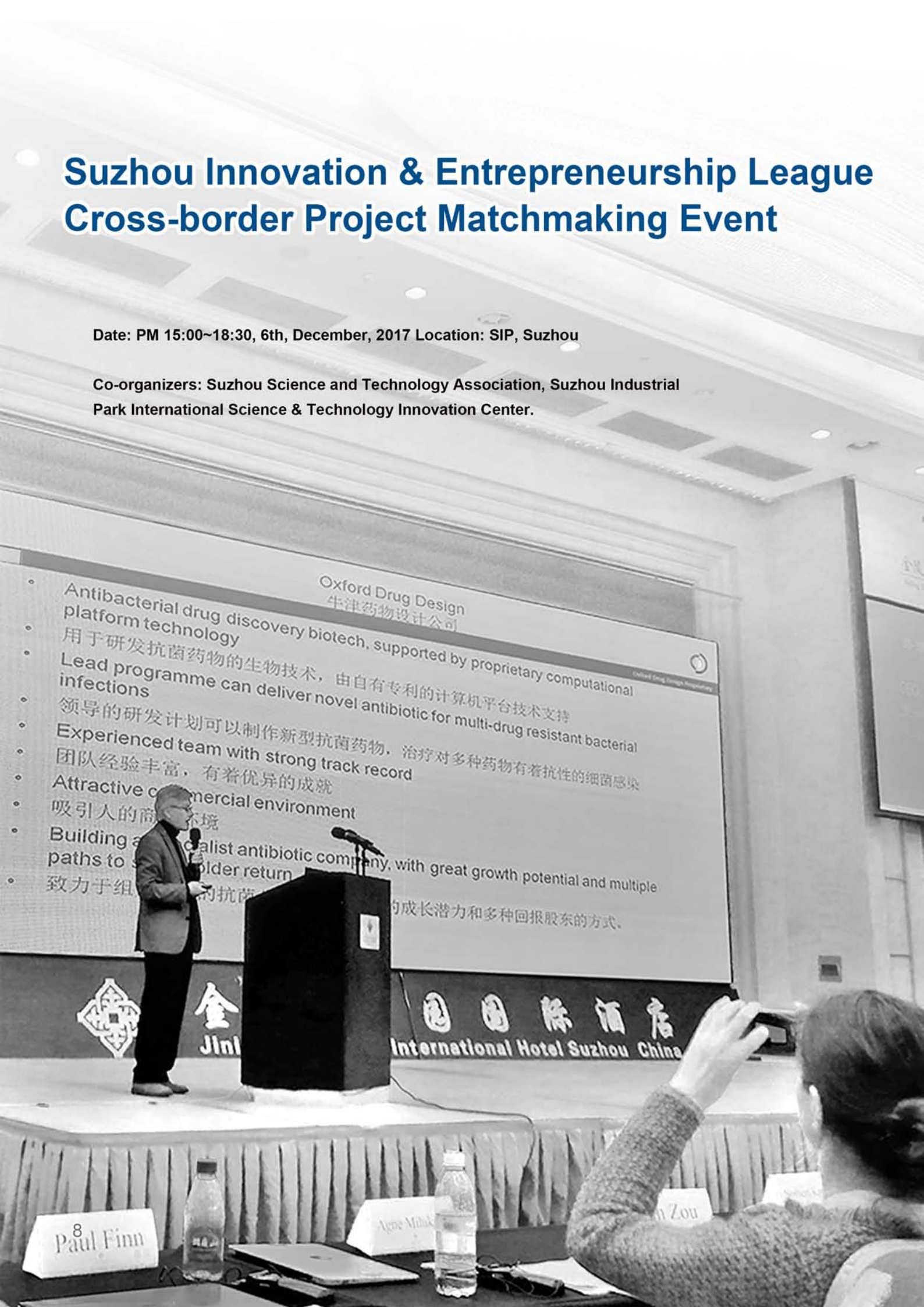
The research agreements signed during Madame Liu's visit were between the Chinese Academy of Medical Sciences and the China Scholarship Council and the University of Oxford on behalf of its Medical Sciences Division (MSD) and its Nuffield Department of Medicine (NDM).

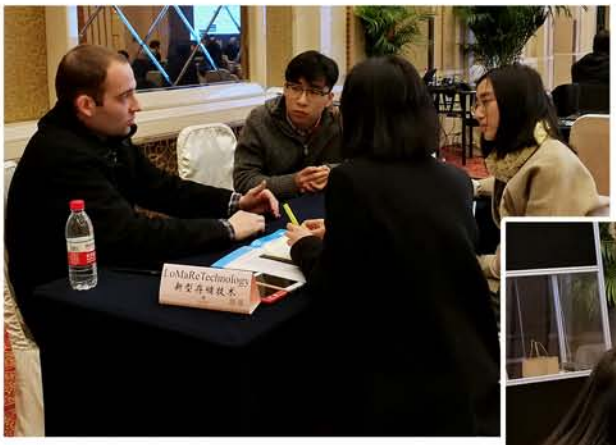
Current Oxford collaborations with Chinese partners in the medical sciences include some of the world's largest ever studies, such as the collaboration with the Chinese Academy of Medical Sciences through the Kadoorie Biobank, which is studying more than 500,000 people across ten sites in China in an effort to identify the genetic and environmental causes of common diseases.

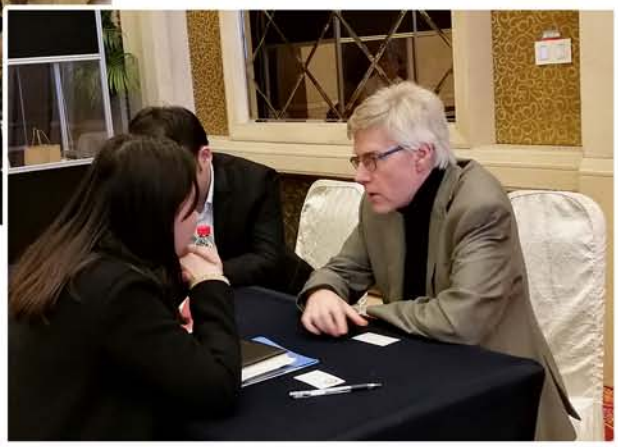
Suzhou Innovation & Entrepreneurship League Cross-border Project Matchmaking Event

Date: PM 15:00~18:30, 6th, December, 2017 Location: SIP, Suzhou

Co-organizers: Suzhou Science and Technology Association, Suzhou Industrial Park International Science & Technology Innovation Center.







This event was organized by Suzhou Science and Technology Association and Suzhou Industrial Park International Science & Technology Innovation Centre.

The event was divided into two parts: project roadshow and project matchmaking. In the roadshow part, the UK delegate demonstrated four bioscience related projects: Dr. Paul Finn: Oxford Drug Design; Dr. Wenming Ji: Oxford Cardiomox; Ms. Ya-Hsin Shen: Oxford Endovascular; Ms. Amy song: Non-invasive glucose monitoring system. Two ICT related projects were demonstrated as well: Cycl Iand by Dr. Agne Milukaite and LoMaRe Tchnology by Dr. Evgeniy Donchev.

In the matchmaking part, each project team discussed about questions of the technical and collaboration way with their potential partners, and they exchanged contact information and clarified the basic collaboration directions. For example, Longrich group showed keen interest to invest Dr. Paul Finn's Oxford Drag design project. They hope to establish JV to carry out joint research in China and promote related products in China market, even the entire Asian market. Meanwhile, Oxford Cardiomox, LoMaRe Tchnology and Non-invasive glucose monitoring system also attracted some potential partners to discuss collaboration opportunities with the teams.

Headline News of SIP in December

AI expo to kick off in Suzhou next year

The 1st Global AI Products and Applications Expo, sponsored by the People's Government of Suzhou and organised by SIP Administrative Committee, is scheduled to take place at Suzhou International Expo Centre, SIP, from 10th to 12th May, 2018.

The event themed "AI Experience and Smart Life" is aimed at promoting a faster artificial intelligence (AI) development and expanding its application in various sectors like manufacturing, software and hardware development and services.

The event will consist of the opening ceremony, main forum, sub-forums, AI products and applications exhibition and awarding ceremony. The exhibits will demonstrate the application of AI technologies in a wide range of fields, including home life, education, medical services, traffic and manufacturing. Excellent AI products will receive awards.

Suzhou Daily
6th December, 2017
http://www.sipac.gov.cn/english/news/201712/t20171207_662756.htm

SIP gives a helping hand to Suzhou's fast economic development

Suzhou is reaping the rewards for its efforts over the past one year to develop new economic drivers and growth points. The output value of local high-tech industries reached RMB 1.17 trillion in the first three quarters, accounting for 47.5% of the total output value of the industrial enterprises above designated size.

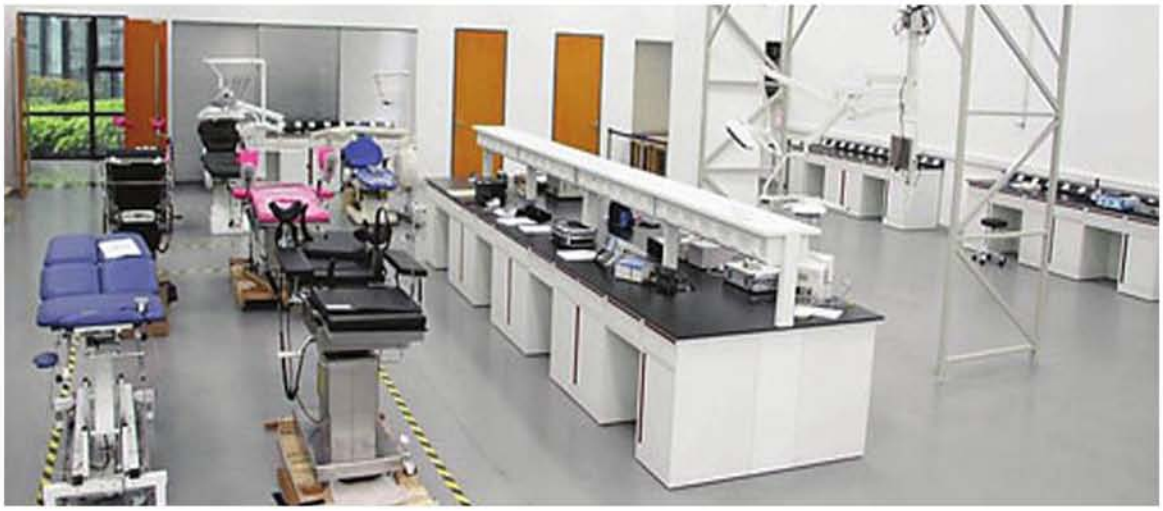
SIP, as the city's pioneer in economic development, plays a big part in these achievements relying on its advanced development concepts. In recent years, SIP has been deepening the implementation of an innovation-driven development strategy, amassing development resources and factors as well as providing impetus for innovation and business start-ups. Therefore, it has attracted a great number of enterprises in the fields of cutting-edge technologies, advanced manufacturing and bio-medicine that have made great contributions to local GDP growth.

For the next step, SIP plans to continue expanding its opening-up to solicit more promising businesses and projects as well as strengthening its support for industrial transformation, upgrading and innovation to contribute more to the city's economic development.

26th December, 2017

Great efforts to bolster development of bio-medicine in Suzhou

As one of the three major strategic emerging industries in Suzhou, bio-medicine plays an important role in the local industrial transformation and upgrading. Therefore, Suzhou municipal government has taken a series of measures to accelerate its development over the past few years.

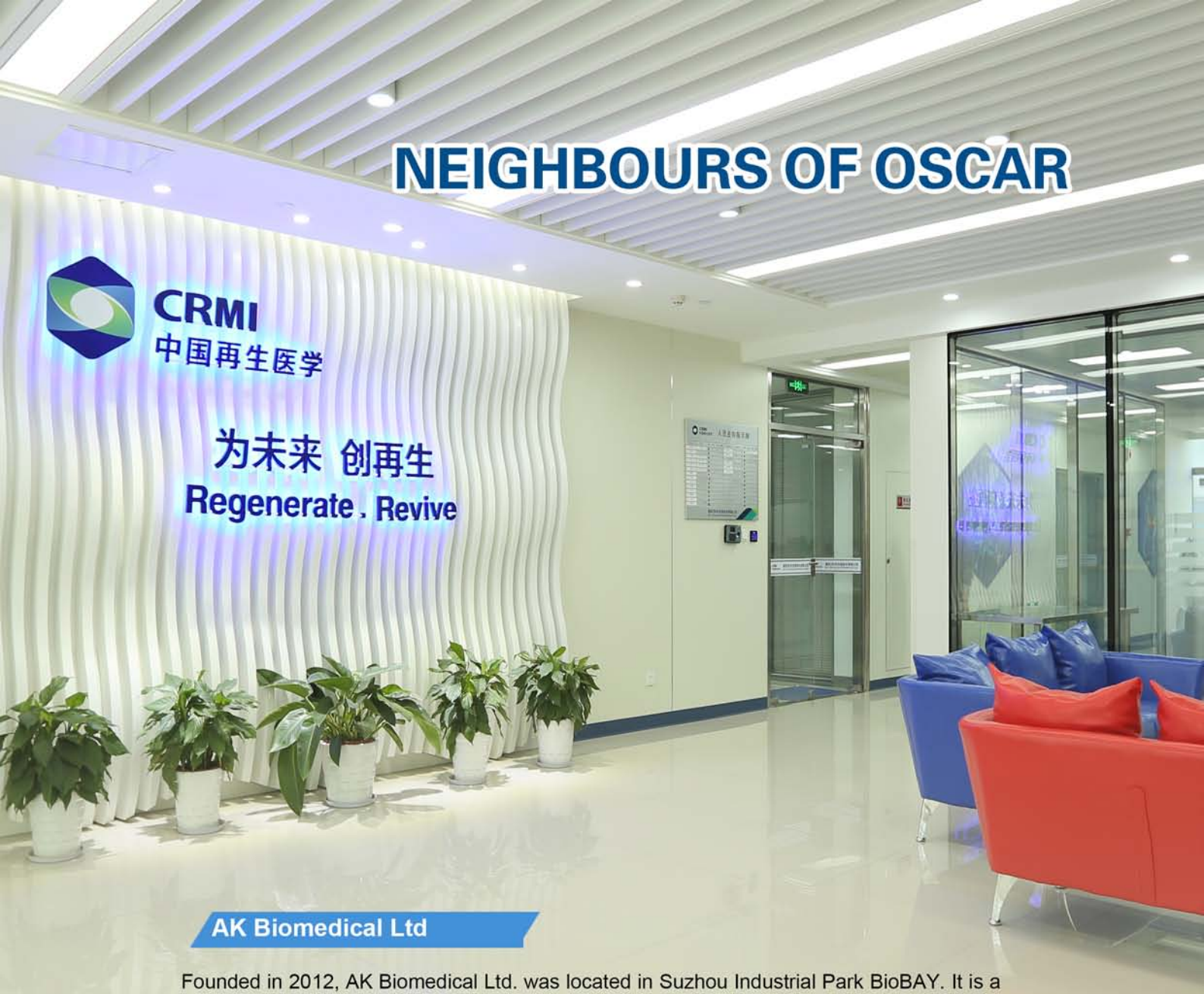


For example, Suzhou Food and Drug Administration has bettered its services for bio-medicine enterprises through a string of system and mechanism reforms that help speed up the registration, clinical trial and marketing of new products.

Relying on Suzhou Bio-medicine Industrial Park (SZBMIP), a home to more than 460 high-tech enterprises and tens of thousands of high-level talents engaged in bio-medicine, SIP has been sparing no efforts to do its bit in promoting the development of bio-medicine industry in the city. It offers effective guidance, preferential policies and continuously optimised services to help the enterprises and talents seek a good development locally.

Suzhou Daily
29th December, 2017
http://www.sipac.gov.cn/english/news/201712/t20171230_671202.htm

NEIGHBOURS OF OSCAR



AK Biomedical Ltd

Founded in 2012, AK Biomedical Ltd. was located in Suzhou Industrial Park BioBAY. It is a company which specialises in cell therapy and regenerative medicine with total investment of 30 million RMB.

Core technologies include human primary cell isolation, purification, expansion, storage and transportation. In August 2015, AK (Suzhou) Biomedical Ltd. joined China Regenerative Medicine Group.

Biomedical Ltd possesses 2000sqm of human cell processing facility, which includes 7 cGMP compliant cell processing suites，with high quality grade B+A cleanrooms，two sets of HVAC , purified water and water for injection units.




UCLA Suzhou Research Institute

Founded in October 2013, UCLA Suzhou Research Institute was co-constructed by the University of California at Los Angeles (UCLA) and the government of Suzhou Industrial Park(SIP). UCLA Suzhou Research Institute is an international academic research and innovation institution which takes the sustainable development of SIP as the guidance, the enhancement of the capacity for independent innovation as the basis, and high-end disciplines and high-tech industries as the support.

The research institute is located aside beautiful Dushu Lake in SIP, providing technology transfer and transformation, key common technology development, personnel training, talent introduction, business incubators and other services.

http://www.szucla.org/

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