

CELL BIOLOGY IN CHINA

Chinese Society for Cell Biology (CSCB) was founded in 1980 and has over 7,000 members working at more than 200 universities and 40 institutes of the Chinese Academy of Sciences and Chinese Academy of Medical Sciences. CSCB is dedicated to the goals of facilitating the exchange of knowledge and innovation through conferences and journals, establishing research collaborations, providing training and development opportunities to students and young science professionals, and spreading the basic scientific knowledge to the general public about cell biology and biomedicine in order to improve civic education. In addition, Chinese cell biologists are very interested in collaboration and communication, within China and internationally. A couple hundred of cell biology labs in China have the capacity to accept foreign students or postdocs. Most of them are well equipped with relatively advanced instruments such as confocal microscopes, flow cytometers, electron microscopes, 2DE system, etc. And most updated techniques like RNAi, tandem affinity purification are routinely performed. Also, distinguished scholars are particularly welcomed to collaborate on research projects or to deliver advanced lectures. Most national or provincial key laboratories have all essential and sometimes advanced teaching facilities, including multiple medium-interactive teaching systems or remote education facilities. In some cases special funds are available to provide teaching materials and to cover international collaborators' accommodation and travel expenses. The CSCB office will be helpful for both foreign and Chinese sides to find suitable partners.

CSCB has 4 working committees and 12 specialized committees:

Working committees:

The Youth Working Committee

The Academic Working Committee

The Science Popularization & Education Working Committee

The Management Committee for Cell Biological Development Fund

Specialized committees:

The Chromosome, Genomics and Protein Committee

The Cell Ultrastructure and Function Committee

The Cell Differentiation and Development Committee

The Cell Signal Transduction Committee

The Immune Cell Biology Committee

The Medical Cell Biology Committee

The Cell Engineering and Transgenic Organisms Committee

The Neuralcytology Committee

The Functional Genomics and System Biology Committee

The Botanical Organogenesis Committee

The Stem Cell Biology Committee

The Regeneration of Cell Biology Committee

Since its advent, CSCB has consistently achieved its established goals. Through national conferences, which are held once two years, and specialized meetings, CSCB has created a platform for all its members to participate in academic exchange. The biennial conference is widely recognized as the most important event for CSCB members. It takes place in different cities within China, with about more than 1500 attendees each time. By taking this opportunity people present their research achievement, find collaborators, join different training courses, and enjoy various social activities during the meeting.

Shanghai Institute of Biochemistry and Cell Biology

Shanghai Institute of Biochemistry and Cell Biology (SIBCB) established in May 2000 is the merger of Shanghai Institute of Biochemistry (founded in 1958) and Shanghai Institute of Cell Biology (founded in 1950). The SIBCB is a member of Shanghai Institutes for Biological Sciences (SIBS) under the Chinese Academy of Sciences (CAS). Dr. Xiaolong Liu is the Director. The SIBCB is one of the leading institutions in the field of the life sciences in China. The scientists in SIBCB have accomplished several scientific achievements over the last century, including the total synthesis of crystalline bovine insulin, the total synthesis of yeast alanine tRNA, the artificial propagation of domestic fresh-water fish and artificial monogenesis of oocytes. The main missions of SIBCB are to conduct human-health-relevant cutting-edge research, nurture research talents, and foster an innovative and inspiring

research culture, aiming to become one of the top world-class research institutions. SIBCB currently has 60 Principal Investigators (PI) leading their independent research groups, 25 postdoctoral fellows, 398 graduate students, 333 research scientists and technical staff and 20 administrative staff. Among the 60 PIs, ten are members of the Chinese Academy of Sciences or Chinese Academy of Engineering, 26 are supported by CAS "Hundred Talent Program", 17 has obtained the National Science Fund for Distinguished Young Scholars. The research at SIBCB focuses on protein sciences, gene, RNA, epigenetic regulation, signal transduction, cell and stem cell biology, cancer and other diseases. In addition, SIBCB is also actively involved in translational research using animal models and drug-target-oriented small molecule screening. SIBCB has been actively seeking national and international academic collaborators. It has established more than 22 partnerships with institutions, universities and organizations world-wide including Max-Planck Society of Germany, Asian-Pacific International Molecular Network (A-IBMN), RIKEN of Japan and the University of Toronto of Canada. To promote scientific exchanges between China and other countries, SIBCB has been collaborating with Nature Publishing Group in issuing the peer-reviewed international journal Cell Research monthly, which is considered as a highly respected journal in molecular cell biology field.

Institute of Biophysics, Chinese Academy of Sciences (IBPCAS)

Founded in 1958, IBPCAS is China's leading national research center for protein science, brain and cognitive sciences. The institute focuses its effort on basic research targeting world-class frontier sciences, innovation and development in scientific methods and instruments, and training of new generation of scientists. It also serves as a think-tank for the government in the related fields. The institute currently has two National Laboratories, i.e., the National Laboratory of Biomacromolecules and the State key Laboratory of Brain and Cognitive Sciences. The National Laboratory of Protein Science, approved by the Ministry of Science and Technology of China in 2006, is under construction. The institute has developed five research centers, namely Center for Structural & Molecular Biology, Center for Computational & Systems Biology, Center for Brain & Cognitive Sciences, Center for Infection & Immunity, and Center for Brain Mapping. The institute hosts 390 faculty and staff, including 9 CAS Academicians and 65 principal investigators. Currently, there are 488 graduate students enrolled in different programs at the institute. About half of them are Ph.D. candidates. There are 48 postdoctoral fellows from various part of the world working here.

Guangzhou Institutes of Biomedicine and Health (GIBH)

Guangzhou Institutes of Biomedicine and Health (GIBH) was established in 2003 by the Chinese Academy of Sciences in partnership with the City of Guangzhou and the Province of Guangdong. GIBH is located at 190 Kai Yuan Avenue, Science Park, which is a newly constructed campus with five buildings containing state of the art, fully equipped research laboratories. Currently, the institute employs approximately 350 staff members as well as mentors 230 students with an annual operating budget of \$20M. Unlike other institutes throughout China, in addition to championing basic science and academic exploration, a primary objective for GIBH is drug discovery research and the advancement of new therapeutics into clinical trials. The mission of GIBH is to serve the citizens of China and the world through discovery, learning and engagement by integrating both biological and chemical sciences for the improvement of human health. GIBH consists of three primary departments including: (1) Stem Cell Biology & Regenerative Medicine (iSCBRM); (2) Chemical Biology (iCB); and (3) Infection & Immunity (I3). Additionally, a new Drug Discovery Pipeline (DDP) was created in 2009 to broaden the benefit from the core departments and to promote applied science with an emphasis on drug development. Various positions at GIBH are currently available. Whether it's pursuing original science in the laboratory or research and development of new medicines, GIBH offers opportunities to develop and expand your career while making a true difference in the scientific community. Please visit our website at <http://www.gibh.cas.cn/> or <http://english.gibh.cas.cn/>.

Chinese government attaches great importance to international cooperation. The [Ministry of Science and Technology](#) of China, the [Ministry of Education](#), the [National Natural Science Foundation of China](#), the [State Administration of Foreign Experts Affairs](#), and the [Chinese Academy of Sciences](#) all have programs that support international cooperation and exchange. IBPCAS has developed a network of cooperation with 16 countries throughout the world. The institute has established 6 joint research centers or laboratories with international institutions and companies. The institute developed guest professors program and annually organizes several international conferences/meetings and over 50 seminars presented by invited international scholars.