

1: Swiss-Chinese Life Sciences Forum - www.enganchecubano.com

The Swiss Chinese Life Sciences Forum organised by www.enganchecubano.com, the Fachhochschule Nordwestschweiz and the Swiss Chinese Chamber of Commerce and hosted by Novartis offers insights into key players in the Chinese Pharma landscape and identifies opportunities for greater collaboration between Swiss and Chinese Pharma.

Chen is a postdoctoral fellow from Prof. The new method supersedes previous single-cell WGA methods in various key aspects, enabling the detection of single-cell copy-number variations genome-wide at kilobase resolution. The LIANTI method was recently published in *Science*, with many ongoing efforts at the moment in relevant technology development, as well as scientific and clinical applications. He received his Ph. His research is characterized by use of advanced optical-imaging microscopies to examine the cell membrane trafficking processes. Especially his current research has focused on studying the molecular mechanisms that underlie the assembly and disassemble of clathrin-coated molecular machineries using quantitative live-cell imaging techniques. Dynamics of phosphoinositide conversion in clathrin-mediated endocytic traffic. Single-molecule imaging and tracking of molecular dynamics in living cells. She received her B. At Stanford, she was selected for the departmental commencement speaker and for the Terman Engineering Scholastic Award. After graduation, as a research scientist at Counsyl, she helped develop a large-scale, cost-effective sequencing protocol for genetic diagnostics. Li currently a fifth-year postdoctoral fellow in the laboratory of Prof. D degree in neuroscience with Dr. Her primary interest is to understand the neural basis of social information processing in instinctive circuitry. One of her major contributions is to reveal the neural principles of social representation in the medial amygdala MeA, a key hub of the sensory-motor transformation from chemosensory cues to instinctive behaviors in mice Li et al. Neuronal representation of social information in the medial amygdala of behaving mice. His research is focused on molecular machinery active zone underlying neurotransmitter release and mechanism of dopamine signaling. He has recently identified the release sites of dopamine, which changed the long-standing dogma that dopamine transmission lacks endogenous architecture. Liu is also very interested in drug research. He has founded a biotech startup <https://>: Liu obtained his PhD in in National Institute of Biological Sciences, Beijing, where he studied the mechanism of heterchromatin spreading under the supervision of Dr. After PhD he decided to move on his study of epigenetic regulation to a defined developmental process, and he joined Dr. His recent finding provided a new model for this biological process, and unexpectedly, answered a longstanding question in the field raised several decades ago. Xiao Shawn Liu, Ph. Liu was interested in understanding the molecular mechanisms of biological processes. His PhD study demonstrated how cell division was regulated by Polo-like kinase 1-mediated phosphorylation of diverse substrate proteins. Using this tool, he demonstrated that demethylation of the hypermethylated CGG repeats at the pathological locus of FMR1 can restore FMR1 expression and rescue the electrophysiological abnormalities associated with Fragile X syndrome neurons. His career goal is to become an independent investigator in academia, and to uncover the epigenetic mechanisms that underlie brain functions and disorders at a cellular and molecular level. Tao received his Ph. He has been investigating human pathogens and host-bacteria interactions, and mainly worked on bacterial toxins in Dr. One of his major findings is the identification of frizzled proteins as epithelial receptors for *Clostridium difficile* toxin B, which was published on *Nature* in Afterwards, by collaborating with a group in UC Irvine, they also defined the molecular basis of how this toxin recognizes its receptor frizzled *Science*. Along the lines of basic research, he is also keen on translating the insights and knowledge of toxins toward developing new scientific tools as well as therapeutics. In early, he was promoted to the junior faculty rank of instructor at HMS. He has accepted an offer as an assistant professor in Westlake Institute for Advanced Science, and will establish an independent lab later this year. Wu earned her bachelor degree from China Agricultural University in, and is conducting her Ph. Xie Wei in the Tsinghua University. Her thesis project is to study chromatin dynamics in early mammalian development. Using ATAC-seq and CARM, She and her colleagues have systematically revealed how open chromatin reprograms during human and mouse embryogenesis for the first time and

identified the key transcription factors regulating this process. Chromatin analysis in human early development reveals epigenetic transition during ZGA. Wang is a postdoctoral research fellow from Prof. His works have been recently published in Cell and Neuron. His findings have important impact on developing treatment strategies to cure spinal cord injury and stroke and studies in brain machine interface. Zhang earned his Ph. In , he was promoted to the instructor at Harvard Medical School. Currently, his research interest is exploring and developing novel effective antitumor strategies. Prostate cancer-associated mutation in SPOP impairs its ability to target Cdc20 for poly-ubiquitination and degradation. His work focuses on the calcium signaling in kidney diseases. He identified a TRPC5 channel blocker as the first ion channel-targeted therapy for progressive proteinuric kidney disease. He is expanding his research goals into harnessing the power of genomics, and particularly single cell technologies, to inform our understanding of calcium signaling in kidney, so that he may pursue targeted, precision therapies targeting calcium signaling pathways. A small molecule inhibitor of TRPC5 ion channels suppresses progressive kidney disease in animal models.

2: Chinese Life Sciences Introductory Readings | Paradigm Publications

"A veteran Chinese collaborator like BSK, with abundant resources and know-how in the Chinese market, can be very helpful for Western life science companies," says BSK President Dr. Dongliang Ge. "The rapid advance of life science technology is generating limitless opportunities," continues Ge.

According to Bylaws for Members of the Chinese Academy of Sciences adopted in and recently amended in , it is the highest academic title in China. Members older than 80 are designated as "senior members", and may no longer hold leading positions in the organization. Academicians can give suggestions and influence Chinese state policy related to science and technology. Relevant discussion may be found on the talk page. Please help improve this article by introducing citations to additional sources. September Challenges[edit] Chinese Academy of Sciences headquarters In , the Academy employed a staff of 60, and counted research institutes. The academy is struggling with a number of challenges. It is in direct competition with other Chinese institutions of learning for funding and talent. Underpaid scientists from the Academy have to apply constantly for grants to supplement their income, a widespread phenomenon in the entire research and higher education sector, which may have resulted in underperformance. This has spurred the Academy to found two affiliated universities in Beijing and Shanghai, both of which opened their doors to a couple of hundred undergraduates in The loss of independence of the Russian Academy of Sciences , the successor to the Soviet Academy of Sciences on which the Chinese Academy of Sciences was modelled, in a top-down reform in sent a chilling signal: The aim of this initiative is to orient the academy towards the international frontier of science, major national demands and the battleground for the national economy by re-organizing existing institutes into four categories: The Academy seems to be resting on its past achievements, with little consideration for whether this new initiative may be good for the nation or the Academy. This explains why some[who? There is no guarantee that these goals will be fulfilled through the reform undertaken in The Pioneering Action Initiative is pivoting institutions into a new matrix so as to boost collaboration within the Academy and concentrate on tackling key research questions. Implementation will be tough, though, since many institutes do not fit easily into any of the four categories defined above. The danger is that the Academy may actually become even more hermetic and isolated than before. The timing of the reform may also complicate matters. The reform at the Academy coincides with the nationwide reform of public institutions shiye danwei launched in Institutes within the Chinese Academy of Sciences that fall into Type 1 are to be fully financed from the public purse and will be expected to fulfil only the tasks set by the state. Type II institutes of the Academy, on the other hand, will be allowed to supplement partial public funding with income earned through other activities, including through government procurement of their research projects, technology transfer and entrepreneurship. Consequently, the Chinese Academy of Sciences will need to become a leaner institution, as the state may not always be willing or able to finance such a costly body. At the time, research and training were separated at universities and industrial research institutes focused on specific problems in their particular sectors. This strategy consisted in concentrating a small number of scientists on basic research and following the global trend in high technology, while encouraging the majority of its staff to engage in the commercialization of research results and projects of direct relevance to the economy. Initially, the Academy hoped to satisfy the Chinese leadership by making the staff of its institutes more nimble and mobile. It established application-focused research institutes in new scientific disciplines and new cities and formed alliances with provincial and local governments and industries. The Suzhou Institute of Nanotech and Nanobionics is one such establishment; it was created jointly by the Academy and the Jiangsu provincial and Suzhou municipal governments in

3: School of Life Sciences | Home

10 Interesting Facts about the Chinese Life Science Market December 16, Author info. China's life science market is growing. Opportunities for both multinational and local pharmaceutical companies exist due to both government support of the sector (by expanding health care accessibility, improving quality, and controlling costs) and an increase in demand (an ageing population and an.

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4: Chinese Biotech Database

Science China Life Sciences is an academic journal cosponsored by the Chinese Academy of Sciences and the National Natural Science Foundation of China, and published by Science China Press. It is committed to publishing high-quality, original results in both basic and applied Life Science research.

By the end of , the number of diabetic patients in Chi It is estimated that there are 25 million to 70 million gastric ulcer patients in China. As early as the s, the global market size of gastric ulcer drugs The lot release volume of human vaccines has remained at With a more specific mechanism of action, they prevent dry cough and other side effects that may be caused by angi The number of people with type 2 diabetes exceeded million at the end o Sildenafil is developed by Pfizer to treat penile erectile dysfunction, pulmonary hypertension, mountain sickness, etc. Meanwhile, over 90 mill It increased from 7. The aging population has brought about a large market for adult incon Sep A-Share Listed Medical Services Companies - Profiles and Financial Data By China Research and Intelligence In China, medical services refer to services provided by medical institutions for patients, including health examination, diagnosis, treatment, recovery, disease prevention and healthcare, delivery, birth planning and other services. From to , the market size will maintain the growth rate o API can be applied clinically after it is processed into pharmaceutical pre Dec China Medical Robotics Industry Report, By Research In China Medical robotics can be used in surgery, rescue, transport, care, rehabilitation, dispensing and so on for the sick and wounded. In most cases, the detection Sep China Independent Clinical Laboratory Industry Report, By Research In China Owing to a large population base, uneven distribution of medical resources among regions, aging population, and continuous advance of health care reform, the Chinese independent clinical laboratory market size has been growing radically in recent Sep China Yohimbine Industry Overview, By China Research and Intelligence Description As a kind of effective ingredient extracted from African yohimbe barks, Yohimbine is widely used abroad for male health products. Health examination, which belongs to prophylactic medicine, plays an important role in medical treatment industry to effectively save med MRI, is the application of nuclear magnetic resonance in medical field. As a kind of non-intrusive detection technology, MRI exerts no radiation on human body compared with X Moreover, with the improvements in domestic vaccine supply capacity and vac

5: Growing Chinese Life Sciences Company Sets Up Headquarters in Amsterdam - NFIA

The Chinese Pharma industry is rapidly upgrading its capabilities, moving from being a supplier of basic molecules and generics to becoming a major force in the development of innovative, molecular-targeted treatments and gene-based therapies. The Swiss Chinese Life Sciences Forum organised by.

6: Harvard Chinese Life Sciences YONGJIN Distinguished Research Award Awardees â€“ HMS CSSA

Ropes & Gray's internationally recognized China life sciences practice offers integrated and comprehensive counsel to leading investment funds and global pharmaceutical, medical device and biotechnology companies on doing business in one of the world's fastest growing and most challenging markets.

7: Life Sciences - Journal - Elsevier

"The Life Calculation by the Eight Characters" presented by Professor Manfred Kubny.

8: Chinese Life Sciences Group

The Chinese Academy of Sciences (CAS; Chinese: ä¸ä¸­å½ç§å­¦é¢), with historical origins in the Academia Sinica during the Republic of China era, is the national academy for the natural sciences of the People's Republic of China

(PRC).

9: Global and Chinese Bio-imaging Industry, Market Research Report | Grand Research Store

One of the sectors that has received significant interest by the Chinese government are life sciences; however, as we found in a nearly two year survey of various Chinese officials, entrepreneurs.

Caricature tutorial Dell poweredge 2850 manual Balleines History of Jersey Lucile Desmoulins. Foundations of syntactic theory God does not answer to you Little womens Christmas Louisa May Alcott New Scalp acupuncture The Best American Sports Writing 1999 (The Best American Series) Case Study Research in Applied Linguistics (Second Language Acquisition Research) Kiss Blue Volume 1 The Province of Hope Mundo 21 With Cdrom 3rd Edition Plus Ah Spanish/english Dictionary Cloth When God doesnt defend The hip, high-prote, low-cal, easy-does-it cookbook. The Fedon Revolution Advances in Metal and Semiconductor Clusters, Volume 4 (Advances in Metal and Semiconductor Clusters) Positioning George Horton Grade 1. People and places Cognitive ethology Policy Interpretation Reading and More Grade 6 (The Home Study Collection) The Day My Brothers Face Changed My Life Anecdotal life of Sir John Macdonald Revelation mystery method Working with one another : service user/professional Joanne Roberts and Computer aided data book of vapor pressure Paedobaptism Exmained; With Replies (Vol. 3 of 3) University economics Personal finance 10th edition mcgraw hill Kapoor Nicotine And Tobacco (Drugs) Human impact on marine ecosystems Pray for the kingdom Conduct Under Fire Forward with the crowd Stine Babysitter Box (Babysitter) Modelling database dynamics Mechanisms and significance of fractionated electrograms recorded during atrial fibrillation Natasja de G Global TB control : persisting problems, shifting solutions Mukund W. Uplekar and Mario C. Raviglione. Chaucer.The old dramatists.The old dramatists (Contd [Chapman and Ford]