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Northeast Ohio Medical University

POSITIONS OPEN

Chondrocyte is the only cell type present in the cartilage and the response of chondrocytes to anabolic/catabolic stimuli is mediated by a wide variety of factors acting through specific receptors. Activation of these receptors leads, through cell signaling, transcriptional upregulation and post-transcriptional regulation, to a program of chondrocyte responses that determines the fate of the articular cartilage. Our laboratory is focused on identifying the novel transcriptional and post-transcriptional regulators of chondrocyte genes expression in diseased and healthy cartilage. Experience with animal models of OA will be a plus. Candidates with experience in RNA/miRNA biology will be given preference. Responsibilities include designing, conducting, and analyzing scientific experiments in her/his field; presenting research results in oral and written formats; developing and maintaining knowledge of the current scientific literature. Send applications to thaqqi@neomed.edu. Only short-listed candidates will be contacted for interview.

FACULTY POSITIONS IN MOLECULAR CARDIOVASCULAR BIOLOGY

Assistant, Associate or full Professor faculty positions are available for the Division of Molecular Cardiovascular Biology, within the Heart Institute, in the Department of Pediatrics at Cincinnati Children's Hospital Medical Center. These will be regular, tenure-track faculty appointments. The applicant should have a Ph.D., M.D. or M.D.-Ph.D. with research program that investigates or can be applied to the investigation of the molecular biology of cardiac muscle, although applicants with a skeletal muscle research focus will also be considered. The successful applicant will receive a generous startup package and join a multi-disciplinary, world-renowned faculty performing cutting-edge heart and skeletal muscle research with a strong emphasis on disease mechanisms. Cincinnati Children’s Hospital Medical Center was named the second best children’s hospital in the United States by U.S. News & World Report and is the second-highest ranking recipient of research grants from the NIH among pediatric institutions. The Heart Institute has brought together clinical care, research and education programs, all directed at providing comprehensive care for children with heart and muscle disease and developing novel therapeutic avenues for treatment (https://www.cincinnatichildrens.org/research/divisions/h/heart).

A letter of interest, accompanied by a complete curriculum vitae and the names of three references should be electronically sent to email: Jeff.Molkentin@chmc.org.

In consideration of our children the Medical Center is committed to a smoke-free workplace. Children’s Hospital Medical Center conducts pre-employment drug screening as part of a comprehensive program to maintain a drug-free workplace. Equal Opportunity Employer M/F. Minorities are encouraged to apply.

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Expand your search today.
BAICIRS invites applications for the following positions:

1. Positions Supported by the National “Young Thousand Talents Program”
   - **Qualifications**
     - The applicants are required to hold a Ph.D. and have at least three years overseas research experience in world-class universities, research institutes, or top-ranking overseas companies. Applicants with overseas experience and who are now working in China for less than one year will also be considered.
     - Under the age of 40. Exceptional candidates who have made outstanding research discoveries will be considered as individual cases.
   - **Benefits**
     - Professorship and Ph.D. supervisor, with special enrollment quotas for graduate students.
     - A subsidy of CNY 2-6 million for research funding and laboratory space provided by BIT.
     - Annual salary of CNY 420,000 (insurance and accumulation fund paid by BIT not included).
     - Opportunity of buying a new flat of one sitting room and two bedrooms with a discount of CNY 1 million compared to the market price or a subsidy of CNY 2 million. Assistance of housing during the transition period will be provided.
     - Assistance in placement of children and spouse for educational and job opportunities.
     - International travel expenses will be covered for the interview, with recommendations to other positions if not recruited.

2. Tenure-Track Positions
   - **Qualifications**
     - The applicants are required to hold a Ph.D. and have more than 2 years’ experience at world-class universities or research institutions, under the age of 35 for associate professor and 32 for assistant professor.
     - The applicants are required to have expertise about the latest development in the research area with highly recognized research achievements, show potential for being future academic leaders to develop new research directions, and be supported by high-level papers as the first author or corresponding author.
   - **Benefits**
     - Professorship/associate-professorship and supervisor of Ph.D./master’s degree students, with special enrollment quotas for graduate students.
     - Annual salary of CNY 300,000-360,000 (Insurance and accumulation fund paid by BIT not included).
     - Research start-up funds of CNY 400,000-600,000.
     - Assistance in the placement of children’s educational opportunities.

**Application Instructions**

Please send your resume, which includes:
- a list of publications (necessary) and
- a future research plan (preferable)
to the following two emails:
  - ninger1979@bit.edu.cn
  - rouer_dai@bit.edu.cn

Welcome to visit website http://baicirs.bit.edu.cn/english/
2018: A crucial year for China

The year 2018 is of special significance to China because it marks the 40th anniversary of the Reform and Opening-Up, and the fifth year since the Belt and Road Initiative started.

If the momentous economic changes that have taken place in this great East-Asian country over the last few decades were presented in motion pictures, they would appear as epic and magnificent. But what matters the most, and is really behind all of the country’s recent prosperity, is the formation of a set of theories with uniquely Chinese characteristics. Because of these theories, China found that it no longer needed to blindly follow the so-called “truths” that underlie the patterns of development in other countries. The country has proved by its actions that the path it’s walking on is the right one, and this path has become the driving force for its high-speed growth and the motivation for the Belt and Road.

As of July 2018, more than 100 countries and international organizations have signed agreements with China to work on the Belt and Road Initiative—countries ranging from Eurasia to Africa, Latin America, the Caribbean, and the South Pacific. And now the basic design of the Belt and Road has been completed, and all its supporting pillars have been built: The project has been included in the international discourse system and written into resolutions of the United Nations General Assembly and the United Nations Security Council. A three-part structure of international cooperation has emerged, which is (1) based on bilateral cooperation, (2) supported by a multilateral mechanism, and (3) led by summit forums. Under the Belt and Road, and based on the principles of equality, openness, and benefit-for-all, China has formed an open international system in which countries can work together toward their goals. It can be said that the domestic and international achievements represented by both the 40 years of the Reform and Opening-Up and the five years of the Belt and Road have rested on these same principles of cooperation and on a win-win spirit.

Of course, the economy isn’t the only thing that has changed in China. Along with economic developments, significant evolution has occurred in the country’s educational system.

The academic explosion in China

According to a recent report from Bloomberg News, Qingnan Xie of the Nanjing University of Science and Technology and Richard B. Freeman of Harvard University analyzed the total number of papers published in scientific fields from 2000 to 2016 in China. The research showed that, in the fields of physics, engineering, and mathematics, the proportion of papers published by Chinese scholars grew fourfold during this period. In 2016, this number exceeded the number of papers published by American authors. And when selecting Chinese authors rather than going by which country a paper was published in, the number rose even higher. More than 30% of all papers published in the fields of physics, engineering, and mathematics were written by Chinese scientists.

Before the research of Xie and Greenberg was completed, Science and Engineering Indicators 2018, released by the U.S. National Science Foundation at the beginning of this year, showed that 426,000 science and engineering papers were published in China during 2016, more than the 409,000 papers published in the United States during the same year.

China is catching up with the United States at an amazing speed, not only in terms of the number of scientific papers published, but also in terms of their quality. Papers published in 82 top science and technology journals were analyzed, and the result was published by the Nature Index (of Nature magazine). It shows that China has overtaken Europe, Japan, and South Korea and become second only to the United States, which ranks first. “Judging by the current trend, it’s likely that China will replace the United States in terms of the quality of papers after seven to eight years, in around 2025,” Nature predicted. Xie and Free-
man analyzed the authors whose papers were published in Nature and Science during 2016, and found that 20% of them were from China—and that percentage has doubled.

The “engine” that has propelled China to catch up with the United States at such an astonishing pace is ultimately powered by outstanding people—and of course, financial support. In terms of annual R&D expenditures, reported by the Science and Engineering Indicators 2018, the United States in 2015 led the world with USD 497 billion, accounting for 26% of the global total amount; China ranked next with USD 409 billion, accounting for 21%. However, as for the annual rate of growth for R&D expenditures, China’s annual rate is 18%, which is more than four times that of the United States (4%).

**Breaking the “Five-Only” standard**

In October 2018, the Chinese Ministry of Science and Technology, along with the Ministry of Education (MOE) and other ministries, issued a notice implementing a new policy aimed at eliminating the “Four-Only” standard for academic evaluation, which “examines only the numbers of published papers, and judges people only by their titles, only by their degrees, and only by the awards they have received.” In November, the MOE issued another notice that added an additional standard: “judges people only by their positions” (hereafter the “Four-Only” standard will be referred to as the “Five-Only” standard). The implementation of this new policy caused great shock and much heated discussion.

This directive is not only a correction of several problems that have long been criticized throughout Chinese academic circles, but also a challenge to some international practices and common rules.

Some observers believe that the purpose of eliminating the “Five-Only” standard is to deepen the reform of the educational system in China’s colleges and universities, to encourage people to research and educate with the right moral values, to reverse the trend of applying unreasonable academic evaluation standards, and to encourage the practice of evaluating papers according to their quality, the scientific contributions they make, and the influence they have on their field. Such a system will inspire passion and a spirit of innovation, and will help create a more “level playing field” for people in all career paths.

Nevertheless, there are those who worry about how the new evaluation rules will be put in practice after the old ones are gone, and how to define the line between what’s “normal” and what’s not. If these issues are not resolved, the result will be a chaotic academic evaluation system, and even the standards of “Double-First Class” universities will be affected.

However, those who are concerned have perhaps not considered the profound impact that bringing about these new standards will have. It’s true that these issues are not only problematic in China, but also in other academically advanced countries. But one can see this new approach as an opportunity. There’s an old saying in China that goes, “Great chaos promotes great solutions,” which in this case means that if by resolving the old issues, a new set of academic evaluation standard is created that promotes innovation, it will greatly motivate China’s progress in science and technology. The influence of these developments could be dramatic.

**Establishment of Westlake University**

On October 20, 2018, Westlake University was formally established. Five Nobel laureates, dozens of principals and representatives from home and abroad, and nearly 100 donors gathered in Hangzhou to celebrate the university’s founding.

The opening of Westlake reflects China’s progress, and is a real breakthrough. Internationally, elite schools are mainly private universities, while Chinese higher education is basically dominated by public colleges and universities. Though this pattern has demonstrated its advantages, it has also encountered a series of problems brought about by administrative difficulties and other reasons.

Westlake University is China’s first privately funded research university, developed through the collaboration of many different groups and with the approval of the Chinese government. High hopes were placed on the university both from the international community and all sectors of society. These hopes are represented in the letter of congratulation sent by the MOE to Westlake University: “The establishment of Westlake is the positive attempt of social forces to establish research-based universities and is a positive action for servicing the national innovation-driven development strategy. It is of great significance to the reform and innovation of the Chinese higher-education system.” From its proposal, submitted on March 11, 2015, to its founding on October 20, 2018, Westlake was established in only 1,319 days. This great speed is further evidence of the powerful support and tremendous encouragement flowing out from all sectors of Chinese society to this research-based university.

The university’s greatest significance lies in its implementation in the mode of “universities established mainly by foundations.” The School Board is the highest decision-making body at Westlake. Previously, Chinese universities were mainly funded by government (public, institutional) and only supplemented by market contributions (private, profit-making), while Westlake took a different path, to operate with private funding.

What’s even more fascinating is the organizational concept and institutional arrangement behind Westlake University. All rules and regulations at Westlake University have been organized on the basis of full consideration of China’s national conditions; they also follow international standards and fully reflect the changes characteristic of globalization, and are seen in the university’s teaching and research, administrative services, logistical support, campus culture, and other aspects. For example, in terms of system design, the Principal Accountability System has been established under the leadership of the School Board, and the Party Committee of Westlake University has been organized to guarantee adherence to the accepted governance principles of teaching, administrative management, and academic guidance determining administrative services.

As for Westlake’s specific institutional arrangement, there are many interesting facets to note: Vocational administrative services free teachers from the red tape of daily routines; efficient research platforms ensure the smooth progress of cutting-edge science; and teachers are responsible for formulating the rules and regulations of university governance and handing them over to Westlake’s administrative teams and scientific research platforms for specific implementation.

In particular, Westlake University proposes to build an academic evaluation system that encourages innovation. “Neither the number and citation rate of academic papers nor the influencing factors of academic journals will be the main indicators of academic evaluation in Westlake University.” Here, the academic evaluation of scientists depends mainly on whether their research is at the forefront of relevant fields and has the potential to make a substantive impact. The humanistic care and truly academic atmosphere generated by this new evaluation mechanism will become part of the unique campus culture of Westlake University.

If the groundbreaking pattern established by Westlake proves to be workable, then other private colleges and universities in China will hopefully follow suit.

AcaBridge invites outstanding scholars from home and abroad to reach out to us. There’re more than 10,000 academic job vacancies in China. We’ll help you contact colleges and universities, provide one-on-one, personal consultation, and help you learn about and apply for talent-recruitment programs. If you need any help, please contact our recruitment consultant at consultant@acabridge.edu.cn. For more details, visit our website at www.edu.cn/jjtp.
The program of microbiology at Shandong University has a long and brilliant history, where the earliest Doctor’s and Master’s degrees in Microbiology in China were awarded. As a pioneer of microbiology education in China’s universities, this program has trained a large number of microbiology professionals since 1950s. On the basis of this program, the State Key Laboratory of Microbial Technology (SKLMT) was founded in 1987 at Shandong University.

Overview

Microbial technology is the core biotechnology and the central driving force for the development of life sciences. It plays essential roles in solving the major problems that “a community of shared future for mankind” is now facing, such as climate change, fuel shortage, food crisis, infectious and incurable diseases, and environmental disruption. To address these global challenges, SKLMT is dedicated to the development of innovative microbial technologies, with an emphasis on resources and environmental microbial technology, pharmaceutical microbial technology, industrial microbial technology, and marine microbial technology.

Over the past 30 years, SKLMT has fostered a growing number of cutting-edge researches including the Red/ET DNA recombineering and DNA direct cloning technology, industrial application of the cellulosic over-producing Penicillium strains, the mechanisms of biogeochemical cycling driven by marine microorganisms, myxobacterial genetics and chemecology, and biomass-based bioproduction of high value-added chemicals, to name a few.

Global challenges call for global collaborations. SKLMT on one hand gathers international scholars to carry out joint researches, on the other hand contributes Chinese wisdom to accelerate the development of applicable microbial technology. For example, the Shandong University–Helmholtz Institute of Biotechnology, co-built by Shandong University (SDU), the Helmholtz Center for Infection Research (HZI) and the Institute for Drug Science (HIPS), was officially established in 2014. On this platform, international forums, exchanges of students and scholars, co-publication of high impact papers, and technology transfers are in bloom.

From land to ocean

Limited by the previous laboratory’s location and the accessibility to marine microorganisms, the early research activities of SKLMT were focused on terrestrial microbial resources. The relocation of SKLMT in 2016 from inland Jinan to coastal Qingdao, which is the International Center for Marine Scientific Research and Education, paves the broadway to ocean for SKLMTers. Prof. Zixin Deng, an Academician of the Chinese Academy of Sciences as well as the Director of the SKLMT Academic Council, encourages more Chinese microbiologists to “Xia Hai” (pursue the studies on marine microorganisms). To date, SKLMTers have isolated and identified a large number of species of marine microorganisms from deep sea and polar region, significantly enriching our knowledge on the underexplored marine microbial resources. The team led by Profs. Xiulan Chen and Yu-zhong Zhang keeps providing new molecular insights into diverse microbial enzymes for transformation of marine organic matters that are important participants in the global biogeochemical cycles of carbon, nitrogen, sulfur, and phosphorus. In the future, SKLMT will place a high premium on marine microbial resources and make greater efforts on exploring the solutions to the above-mentioned global challenges from the plethora of oceanic microorganisms.

Embracing synthetic biology

Born in the post-genomic era, synthetic biology has conceptually and technically been reshaping all aspects of life sciences including microbiology and biotechnology. SKLMT has been embracing the revolutionary changes brought by synthetic biology. Today, a number of SKLMTers are at the forefront of synthetic biology. Prof. Youming Zhang is the inventor of the Red/ET DNA recombineering technology, with which the large DNA fragments (> 100 kb) can be directly cloned from genomes. Combined with CRISPR-CAS, the upgraded Red/ET recombineering system has become more efficient and accurate, thus being applied for constructions of drug biosynthetic pathways, magnetic nanostructures, and humanized animal models for antibody production. This pioneering microbial technology is now widely used in global laboratories as well as pharmaceutical and biotechnology companies. Recently, Profs. Luying Xun and Lichuan Gu invented a “T5 exonuclease DNA assembly” (TEDA) method, which is simpler, cheaper, and more efficient than the existing Gibson assembly and the commercial In-Fusion method.

Besides these new enabling technologies, the world-class libraries of catalytic parts for diverse purposes in synthetic biology, such as the microbial P450 enzyme library, the redox partner protein library, the glycosidase library, the glycosyltransferase library, and the extreme enzyme library have been built at SKLMT. In addition, the teams led by Profs. Yuezhong Li, Qingsheng Qi, Yuema Shen, Guanjun Chen, Lushan Wang, Xiang Gao, Shengying Li and others have made significant progresses on constructing diverse advanced microbial cell factories based on bacteria, myxobacteria, Streptomycyes, yeasts, and filamentous fungi.

At present, SKLMT is globally recruiting young talents to join us in order to develop the disruptive microbial synthetic biology technologies such as “transparent chassis” and “smart P450 enzyme” to make our SKLMTers’ voice in the world.
Nanjing Agricultural University welcomes talents from all over the world.

Nanjing Agricultural University (NAU) sincerely invites you to join us in teaching and research.

About us

Nanjing Agricultural University is a university under the administration of the Ministry of Education and has been selected and included in the National “Double World-Class” University Construction Initiative. In the fourth-round national first-level discipline evaluation in 2017, it had four disciplines listed in Class A+, ranking itself the 11th of the top universities in China. In the ESI rankings, it had seven disciplines ranked among the top 1‰ worldwide, and two of the disciplines, Agricultural Science and Plant & Animal Science, among the top 1‰. The US News 2018 has listed NAU the top 9 among the Best Global Universities of Agricultural Sciences.

Fields of research

The fields of research you are invited to join in are:

Agricultural Sciences including:

Science and Technology including:
Biology, Ecology, Environmental Science & Engineering, Food Science & Engineering, Landscape Architecture, Agricultural Engineering, Bioinformatics, and Computer Science & Technology;

Humanities and Social Sciences including:

You are also welcome to join us in the following Interdisciplinary Subjects:
- Genomics & Phenomics, Microorganism-Botany-Pest Interactions, Food Nutrition and Human Health,
- Agricultural Equipment Engineering, Agricultural Informatics, and so on.

Position requirements

Doctorate recipients from world famous universities; post-doctor researchers from famous research institutes; and talents with professional titles of associate professor, professor or other higher titles, from world-famous higher institutions or research institutes, and with outstanding teaching and research achievements.

NAU will offer you a benefits package which is competitive among the universities in the local area and which will be negotiated in person.

Talent introduction policy

You will enjoy a talent allowance equivalent to those for the Zhongshan Scholars of NAU who are Zhongshan Distinguished Professor, Zhongshan Professor, Zhongshan Fellow, and Zhongshan Young Scholar, according to your qualifications for recruitment; or we may talk and agree on your annual salary.

Specific conditions of your research team, laboratory, graduate students to supervise, accommodation, and employment of your spouse are to be discussed in person.

Note: The Zhongshan Scholars is an NAU-developed open initiative to support career development and academic innovation for leading scientists of today and tomorrow, and it is a major initiative to construct a world-class university and to establish world-class disciplines, so as to realize NAU’s strategy of rejuvenation by talents. Recruitment is divided into four categories: Zhongshan Distinguished Professor, Zhongshan Professor, Zhongshan Fellow and Zhongshan Young Scholar. Special talent allowance is provided for these outstanding scientists.

Application documents

Please prepare and email to rcb@njau.edu.cn the following documents for your qualification:
- A detailed CV, starting from your undergraduate education till the time of your application, including periods of continuous education, working experience, publications, research projects hosted or participated in, and certificates of awards.
- Photocopies of diplomas, certificate of doctor’s degree, and certificate of current employment.
- Full texts of five representative papers published in the past five years.

Contacts:
Ms. Liu Hongmei
Telephone: +86-25-84399039
Email address: rcb@njau.edu.cn
Opportunities to shine at ShanghaiTech University

ShanghaiTech University is a young and dynamic higher education institution aiming for high-quality research and global influence. To address challenges faced by China and the world, it seeks innovative solutions in energy, materials, environment, human health, data science, artificial intelligence (AI), and electrical engineering. An integral part of the Zhangjiang Comprehensive National Science Center, the university is now leading several frontier research projects at large-scale facilities. For more information, please visit: www.shanghaitech.edu.cn.

We are now seeking talented researchers for multiple faculty positions at all ranks in the following fields:

**School of Physical Science and Technology:** energy, system materials, photon and condensed state, material biology, environmental science and engineering

**School of Life Science and Technology:** molecular and cell biology, structural biology, neuroscience, immunology, stem cells and regenerative medicine, system biology and biological data, molecular imaging, biomedical engineering

**School of Information Science and Technology:** computer science, electrical engineering, information engineering, artificial intelligence, network and communication, virtual reality, statistics, big data and data mining

**School of Entrepreneurship and Management:** economics, finance, accounting, management, marketing, strategy and entrepreneurship

**School of Creativity and Art:** Innovative Design, Filmmaking, Game Design, Tech-driven Art, Big Data Visualization, Creativity, Design Thinking

**Shanghai Institute for Advanced Immunochemical Studies:** antibody therapy, Immunotherapy, cell therapy, regeneration medicine

**iHuman Institute:** bio-imaging, biology, chemistry, computational biology, AI/ML

**Institute of Mathematical Sciences:** pure mathematics, theory of computing, applied mathematics

Successful applicants will have a doctoral degree, and are expected to establish a record for independent, internationally recognized research, supervise students and teach high-quality courses.

ShanghaiTech University will offer attractive compensation packages, including: Initial research support package: reasonable start-up funds, research associates and post-doctoral fellows, laboratory space to meet research needs

**Compensation and benefits:** highly competitive salary commensurate with experience and academic accomplishments, a comprehensive benefit package Subsidized housing: on-campus, 80/100/120 m² faculty apartments available at low rent for tenure and tenure-track faculty

**Relocation & travel allowance:** reimbursement of expenses for household relocation and family’s one-way travel

**Family assistance:** support with children’s education; affiliated kindergarten, primary and middle schools are under construction

To apply: using this format, please submit a cover letter (Firstname_Lastname_Cover_Letter.pdf), a research plan (Firstname_Lastname_Research_Plan.pdf), and a CV (Firstname_Lastname.CV.pdf) to shanghaitechuniversity@gmail.com.
Located in the Longgang District of Shenzhen, The Chinese University of Hong Kong, Shenzhen (CUHK-Shenzhen) is a research-intensive university, established in 2014 through a Mainland–Hong Kong collaboration with generous support from the Shenzhen Municipal Government. It inherits the fine academic traditions of The Chinese University of Hong Kong and will develop its academic programmes in phases and offer courses in Schools of Science and Engineering, Management and Economics, and Humanities and Social Science. English is the main language for course instructions, and the students will receive degrees of The Chinese University of Hong Kong. At present, several research centers have been established in the School of Science and Engineering, including Arieh Warshel Institute of Computational Biology, Kobilka Institute of Innovative Drug Discovery, Hopcroft Institute for Advanced Study in Information Sciences, and Shenzhen Key Laboratory of Semiconductor Laser.

Post Specification
The School of Science and Engineering invites applications for multiple faculty positions at both senior and junior levels in the areas of Computer Science, Data Sciences, Electrical Engineering, New Energy Science and Engineering, Material Science and Engineering, Physics, Robotics, Chemistry and Organic Chemistry, Bioinformatics, Computational Biology, Molecular Simulation, Computational Chemistry, Cell Biology and Molecular Biology, Structural Biology (in particular G-protein coupled receptors), Pharmacology, Stem Cell Biology, Regenerative Medicine, Biomedical Science and Engineering, Statistics, Mathematics, Financial Engineering, and Quantitative Finance. Applications in other areas will also be considered.

Junior applicants should have (i) a PhD degree (by the time of reporting for duty) in related fields; and (ii) high potential in teaching and research. Candidates for senior post (Associate and Full Professor) are expected to have demonstrated academic leadership and strong commitment to excellence in teaching, research, and services. Junior appointments will normally be made on contract basis for up to three years initially, leading to longer-term appointment or tenure later subject to review. Exceptional appointments with tenure will be considered for candidates of proven excellence. Applicants are encouraged to check out the details about the university at http://www.cuhk.edu.cn/en.

Salary and Fringe Benefits
Salary will be comparable to international standards, commensurate with experience and accomplishments. Appointments will be made under the establishment of CUHK-Shenzhen, and employee benefits will be provided according to the relevant labor laws of Mainland China as well as CUHK-Shenzhen regulations. Subsidies from various government-sponsored talent programs will also be made available for eligible candidates http://www.cuhk.edu.cn/UploadFiles/talentprogramoutline.pdf

Application package, including CV and contacts of three referees, as well as personal statements in teaching, research, and service, should be emailed to: Talents4SSE@cuhk.edu.cn

Applicants are required to specify the rank of the position in their letter of application. Applicants also need to ask three referees to send the letters directly to Talents4SSE@cuhk.edu.cn upon submitting application materials.

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**Guangdong Ocean University (GDOU)**, located in a beautiful, southernmost coastal city, Zhanjiang, in mainland of China, is a key institution featured with Ocean Science and Fisheries Sciences. GDOU provides full range of academic programs at undergraduate and graduate level, including PhD programs in Fisheries Science, Food Science & Technology, and Ocean Science. Our main campus is located at the east side of Huaguangyuan International Geological Park (4A). This dream campus, 806 acres in total, a beautiful place facing sea and surrounded by mountains, is home to studying, teaching and research facilities. At GDOU more than 32,000 students from different countries come together to discover. Over 2,000 qualified and brilliant staff and faculty are contributing to teaching, researching and more at GDOU. GDOU is proud to have 16 key laboratories or Engineering Research Centers of Guangdong Province and 15 affiliated research institutes.

Due to the vast development, GDOU is now recruiting high-level faculty from China and abroad.

**Recruitment of Global Talents for Guangdong Ocean University**

1. **Disciplines**
Science, Engineering, Agronomy, Economics, Management, Law, Literature, Education, marine-related disciplines, Art etc. Please find the details in GDOU website.

2. **Job Description**
Teaching and research in university

3. **Job Requirements**
(1) PhD from overseas or domestic universities/research institutes
(2) Be capable of teaching and researching in university

4. **Contact Information**
1. Applicants can send a detailed CV to gdouszkercyj@163.com.

Please detail your education, work experience, publications and research interests etc and use Applicant’s Name + Profession (Field of Research) + Current Institution of Study or Work + Interest Recruit Type as the subject of the email.

2. Should you have any questions, please contact Dr. Jichang Jian or Ms. Xiaolei Li.

**telephone:** (+86)0759-2383281  
**email:** gdouszkercyj@163.com

3. **GDOU Website:** http://www.gdou.edu.cn
**Recruitment:** http://news.gdou.edu.cn/special/show.php?specialid=12

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4. **Guangdong Ocean University (GDOU)**, located in a beautiful, southernmost coastal city, Zhanjiang, in mainland of China, is a key institution featured with Ocean Science and Fisheries Sciences. GDOU provides full range of academic programs at undergraduate and graduate level, including PhD programs in Fisheries Science, Food Science & Technology, and Ocean Science. Our main campus is located at the east side of Huaguangyuan International Geological Park (4A). This dream campus, 806 acres in total, a beautiful place facing sea and surrounded by mountains, is home to studying, teaching and research facilities. At GDOU more than 32,000 students from different countries come together to discover. Over 2,000 qualified and brilliant staff and faculty are contributing to teaching, researching and more at GDOU. GDOU is proud to have 16 key laboratories or Engineering Research Centers of Guangdong Province and 15 affiliated research institutes.

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Please detail your education, work experience, publications and research interests etc and use Applicant’s Name + Profession (Field of Research) + Current Institution of Study or Work + Interest Recruit Type as the subject of the email.

2. Should you have any questions, please contact Dr. Jichang Jian or Ms. Xiaolei Li.

**telephone:** (+86)0759-2383281  
**email:** gdouszkercyj@163.com

3. **GDOU Website:** http://www.gdou.edu.cn
**Recruitment:** http://news.gdou.edu.cn/special/show.php?specialid=12

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Multiple Faculty Positions Open in RNA Biosciences

The newly founded Center for RNA Biomedicine, funded as part of the $150M University of Michigan Biosciences Initiative, solicits applications for faculty positions at the assistant professor level, but appointment at a more senior level is possible for applicants with suitable experience. The faculty positions will be tenure track or tenured with university year appointments starting Sep. 1, 2019, or Jan. 1, 2020. Candidates must have the following qualifications:
- A PhD, MD, or other terminal degree
- Evidence of superlative scientific accomplishment and scholarly promise
- Depending on field, evidence of teaching excellence

Primary school and departmental affiliation(s) will be determined by the applicant’s qualifications and preferences, and by relevance of the applicant’s research program to departmental initiatives and themes. We welcome applications from outstanding scientists in any area of RNA research complementary to existing expertise at Michigan, with particular emphasis on RNA drug targeting or as medicine, structural biology of RNA nanomachines, RNA structural in vivo profiling, RNA protein interaction profiling, and in vivo analysis of long non-coding RNA function. For further information about the Center for RNA Biomedicine’s current research areas, please visit umichrna.org.

All applications must be submitted online at rna.lsa.umich.edu/facRecruiting. You will be asked to upload the following materials: a cover letter, a curriculum vitae, a brief summary of recent research accomplishments and statement of future research plans, and a statement of teaching interests and philosophy. Candidates for appointment as an assistant professor should provide names and contact information for at least three references, as instructed in the online application form. To ensure full consideration, all materials should be received by Jan. 15, 2019.

Women and underrepresented minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.

For more information, contact us directly at mjerant@umich.edu or 734-615-8213

Learn more about the Biosciences Initiative at University of Michigan: biosciences.umich.edu

Assistant/Associate/Full Professors: Pharmacology

The Department of Pharmaceutical Sciences at Northeastern University Bouvé College of Health Sciences seeks candidates for one full-time tenure-track faculty position at the assistant professor rank and one full-time tenured position at the associate or full professor rank. The Department has strengths in neuropsychopharmacology, immunology, medicinal chemistry, pharmacetics, imaging, drug discovery, development and delivery, and it seeks candidates able to complement, collaborate, and expand these areas of strength. Qualified candidates must hold a PhD or MD in pharmacology or related specialty field. Candidates will be considered until the position is filled. Applicants with transferable funding will be given priority.

To apply, visit http://aptrkr.com/1350580, and click on ‘Faculty Positions’.

Northeastern University is an Equal Opportunity/ Affirmative Action, Title IX, and ADVANCE institution. Minorities, women, and persons with disabilities are strongly encouraged to apply. Northeastern University is an E-Verify employer.

Faculty Position in Diabetes Research

The Diabetes Research Group at Sanford Research invites applications for full-time faculty within Sanford Research with commensurate rank in the Sanford School of Medicine at the University of South Dakota.

We seek outstanding scientists with research programs on translational or preclinical studies on type-1 diabetes. Areas of expertise may include beta cell regeneration, regulation of autoimmune or modalities of early detection of type-1 diabetes. Significant institutional support, including modern laboratory space and state-of-the-art facilities will be provided. A comprehensive benefits package will be tailored to the candidate’s qualifications.

Qualifications
Applicants should hold a PhD, MD or MD/PhD degree and complement the existing strengths and interdisciplinary nature of Sanford Research. Physician Scientists are encouraged to apply. Candidates will be expected to develop independent research programs and secure extramural funding.

Application
Sanford Health is an Equal Opportunity/Affirmative Action Employer. Applicants should submit a single PDF that includes: 1) detailed curriculum vitae, 2) description of research experience and future research plans with specific details on relevance of their research to type-1 diabetes, and 3) three letters of recommendation. If any of the above information is missing, the submission will not be considered. Submit materials via email to: researchrecruitment@sanfordhealth.org

Indian Institute of Science Education and Research Bhopal
(Autonomous Institute of MHRD, Govt. of India)

Faculty Positions in India

Applications are invited for faculty positions at all levels in

Natural Sciences
Biological Sciences, Chemistry, Earth and Environmental Sciences, Mathematics, Physics

Engineering Sciences
Chemical Engineering, Electrical Engineering and Computer Sciences

Humanities and Social Sciences
Economic Sciences, Humanities and Social Sciences

Eligibility
Exceptionally brilliant candidates with a Ph.D. from a renowned Institute with a proven track record of outstanding research ability and commitment to teaching.

Attractions
- Academic Freedom
- Generous Startup Grant
- Interdisciplinary Environment
- State-of-the-art Teaching Infrastructure
- Excellent Research Infrastructure
- Green Pollution-free Campus

Further details are available at https://www.iiserb.ac.in/dofa/rolling_advertisement
To further strengthen our research environment and complement research areas already present at SciLifeLab, we are now looking to recruit two outstanding young group leaders to new Fellows positions. As part of the SciLifeLab Fellows program, you become an associate at our research center, as well as contract a position at one of our host universities.


**Assistant Professor in Computational Biology**
Studies of algorithms, modelling and methodology, with applications in life sciences

**Assistant Professor in Environmental Genomics**
Genomic studies of all kinds of non-human biota and their relationships to the environment, focusing on structure and function of ancient or recent systems

**About SciLifeLab**
As a national hub for molecular biosciences in Sweden, SciLifeLab (Science for Life Laboratory) facilitates cutting-edge, multi-disciplinary life science research and promotes its translation to the benefit of society. The center focuses on both health and environmental research and is jointly operated by its four founder universities: KTH Royal Institute of Technology, Karolinska Institutet, Stockholm University, and Uppsala University. About 200 research groups, 1500 researchers and 40 national infrastructure facilities are associated with SciLifeLab.
University of Massachusetts
Medical School

Tenure-Track Faculty Position in Virology

The Department of Microbiology and Physiological Systems (MaPS) at the University of Massachusetts Medical School (UMMS) (http://www.umassmed.edu/) invites applications for a tenure-track faculty position at the rank of ASSISTANT PROFESSOR. Depending on qualifications, candidates may be considered for an appointment at the rank of ASSOCIATE or FULL PROFESSOR. We seek candidates who are focused on studies of viral infection, including (but not limited to): molecular mechanisms of virus infection and pathogenesis; cell biology of infection; virus structure; viral evolution, and interactions of viruses with their hosts. Candidates will be expected to develop and maintain an innovative, externally funded research program. We offer competitive startup and ongoing support, highly competitive salaries, faculty mentoring, a centralized graduate program, and an exceptionally collaborative culture with abundant opportunities for basic and translational research.

UMMS is part of the unique, world-leading greater Boston biomedical research, clinical, and biotech community. Institutionally, traditional departments are complemented with interdepartmental centers and programs (www.umassmed.edu/about/department-and-centers/). The successful candidate will also be a founding member of the nascent UMMS Virology Center.

MaPS is located in the state-of-the-art Albert Sherman Center. Faculty research endeavors are supported with a wide array of departmental shared facilities as well as core facilities (https://www.umassmed.edu/research/cores/) and BSL-3 and ABSL-3 suites. Please use the following link to apply: https://academicjobsonline.org/ajo/jobs/12777. Applications will be reviewed on an ongoing basis. Direct questions to Timothy Kowalik, PhD (timothy.kowalik@umassmed.edu).

UMass Medical School values diversity, equity and inclusion. This is exemplified by our definition of diversity (https://www.umassmed.edu/who/our-diversity-education/), by recognizing the intrinsic relationship between diversity and excellence in all our endeavors, and by embracing open and equitable access to opportunities for learning and development as our obligation and goal.

NYU Winthrop Hospital

Assistant, Associate or Full Professors

The New York University Long Island School of Medicine (NYU LISOM) and its Research Institute and Diabetes and Obesity Research Center invite applicants from accomplished basic and physician scientists for tenure eligible Assistant, Associate or Full Professor positions. Applicants must have an M.D. and/or Ph.D. or equivalent degree and have demonstrated excellence in research. The successful candidates will have experience in related fields of diabetes, obesity and heart disease. We are also interested in researchers focused on islet cell biology including basic and translational studies. Responsibilities include establishing a vigorous and independently funded research program, supervising and mentoring students and postdoctoral fellows with diverse backgrounds, and contributing to medical school education. Scholarship that bridges disciplines is encouraged across departments with NYU’s many schools, centers and institutes. In particular, there is a strong and growing set of collaborations with NYU School of Medicine’s Division of Endocrinology, Diabetes and Metabolism. We seek individuals with strong records of independent creative accomplishments, who will interact productively with colleagues within the NYU LISOM and with NYU School of Medicine taking advantage of unique opportunities to translate basic science into clinical practice. The Center is located in a new Research and Academic Center Building with ample opportunities to collaborate with basic and clinical scientists. The Center is within easy commute to New York. Currently, research is being carried out by basic and clinical investigators in lipid disorders, renal, cardiovascular and central nervous system complications, and obesity interventions. We have a strong set of clinical and educational programs for collaborations between preclinical and clinical faculty.

Please submit a letter describing qualifications, along with a CV, a two page summary of current and proposed research, and names of referees to: Dr. Mahmood Hussain, Endowed Chair and Director, Diabetes and Obesity Research Center, NYU Winthrop, dore@nyulagone.org.

The new NYU LISOM is located at the campus of NYU Winthrop Hospital in Mineola, in western Nassau County, just 25 miles from Manhattan and NYU SOM and a block from the Mineola LIRR Train Station.

PhD Scientists, Sr. Scientific Investigators, Principle Scientists, and Directors

ICB International, Inc., (“ICBII”), of La Jolla, California is dedicated to developing disease altering therapies for afflictions of the central nervous system (CNS) to ameliorate the suffering of hundreds of millions of patients worldwide. Realizing that blood-brain barrier (BBB) has been an insurmountable barrier to developing diagnostics and curative therapies for brain diseases, ICBII made it a priority to deal with BBB challenges. We have developed novel antibody mimics, referred to SMART Molecules (SMs), proven, in transgenic mouse models of Alzheimer’s and Parkinson’s diseases, not only to cross the BBB, but also to detect, quantify, and modulate the function of errant CNS proteins.

To advance its science from laboratory to patients, ICBII is looking for PhD/MD candidates with a commitment to scientific excellence to eradicate CNS disorders with the energy, enthusiasm, and innovation to make a difference in patients’ lives by avoiding mistakes of the past clinical studies. We are looking for scientists in the following categories:

- Protein Engineers experienced in phage display libraries.
- Neurobiologists experienced in quantification of CNS proteins and mechanisms of protein transport across the BBB.
- Immunologists experienced in developing mechanisms based inhibitors for proteins and enzymes involved in synaptic dysfunction.
- Pharmacologists experienced in PK, PD, and toxicology in animals and humans.
- Radiologists/radiochemists with experience in developing radiolabeled proteins and imaging animals using PET scanner.

Successful candidates will have a PhD/MD in relevant discipline and 3 to 5 years’ experience working in the pharmaceutical and/or biotech industry as well as demonstrated track record of accomplishment in the form of publications in scientific journals and/or drug development. The position and salary will be commensurate with experience and accomplishments. These positions are open to US Citizens and permanent residents (Green Card holders) with a passion to work in the laboratory to combat neurodegenerative diseases. If you are a vibrant scientist with excellent interpersonal skills, please email your resume with a cover letter stating your interest and naming three references to info@ichili.com. We are an equal opportunity employer. All correspondence will be held in confidence.
myIDP: A career plan customized for you, by you.

Features in myIDP include:

- Exercises to help you examine your skills, interests, and values.
- A list of 20 scientific career paths with a prediction of which ones best fit your skills and interests.
- A tool for setting strategic goals for the coming year, with optional reminders to keep you on track.
- Articles and resources to guide you through the process.
- Options to save materials online and print them for further review and discussion.
- A certificate of completion for users that finish myIDP and more.

Start planning today!
myIDP.sciencecareers.org

Beth Israel Deaconess Medical Center

The Parikh laboratory at Harvard Medical School and Beth Israel Deaconess Medical Center in Boston is seeking a Postdoctoral Fellow who will lead a wholly NIH-funded project to understand the molecular processes regulating homeostasis of NAD+. NAD+ regulation in metabolically active organs may be pivotal both for cell-autonomous functions during acute stress and for generalized physiological disturbances such as impaired organ function. The successful applicant will apply systematic functional screens (e.g., CRISPR) to identify central control mechanisms for NAD+ balance and will lead vertically integrated experiments to evaluate metabolism and physiology across cellular and in vivo models of acute stress.

Candidates must be enthusiastic, passionate and self-motivated with a commitment to career development. You will have the support of an organized Departmental Postdoctoral training program including opportunities to present your work and bi-annual review of a personalized Individual Development Plan with your primary mentor and a co-mentor to ensure that you are meeting career goals. The candidate must be able to independently and efficiently manage concurrent projects and while possessing a strong commitment to contributing intellectually and interpersonally toward a positive and stimulating lab environment.

**Essential Responsibilities:**

1. Abides by the institutional policies of BIDMC relating to health and safety, equality of opportunity and data storage and management.
2. As a member of the research team, actively pursues research under the supervision of a principal investigator while developing skills for independent work.
3. Receives training in and performs duties contributing to the investigational work of the team including formulation of research questions and design, conduct of experiments, and evaluation of results.
4. Prepares and publishes scientific manuscripts under direction of PI.
5. Develops expertise in desired lab skills/informatics/physics/clinical research. Develops proficiency with research tools and equipment. Develops ability to work with more independence as the fellowship progresses.

**Required Qualifications:**

1. Doctoral degree required.
2. 0-1 years related work experience required.
3. Extensive experience in molecular biology, mammalian cell culture, manipulation of DNA and RNA in cells using CRISPR and RNAi.
4. Ability to produce complex documents, perform analysis and maintain databases. Prior experience reviewing, analyzing, and summarizing scientific literature.
5. Excellent attention to detail and interpersonal, organizational, writing, and project management skills.
6. Strong organizational and data management skills.
7. Advanced technical computer skills as required for technical support specific to functional area and related systems.

**Competencies:**

1. **Decision Making:** Ability to make decisions that are guided by general instructions and practices requiring some interpretation. May make recommendations for solving problems of moderate complexity and importance.
2. **Problem Solving:** Ability to address problems that are varied, requiring analysis or interpretation of the situation using direct observation, knowledge and skills based on general precedents.
3. **Independence of Action:** Ability to follow precedents and procedures. May set priorities and organize work within general guidelines. Seeks assistance when confronted with difficult and/or unpredictable situations. Work progress is monitored by supervisor/manager.
4. **Written Communications:** Ability to summarize and communicate in English moderately complex information in varied written formats to internal and external customers.
5. **Oral Communications:** Ability to comprehend and communicate complex verbal information in English to medical center staff, patients, families and external customers.
6. **Knowledge:** Ability to demonstrate in-depth knowledge of concepts, practices and policies with the ability to use them in complex varied situations.
7. **Team Work:** Ability to lead collaborative teams for larger projects or groups both internal and external to the Medical Center and across functional areas. Results have implications for the management and operations of multiple areas of the organization.
8. **Customer Service:** Ability to provide a high level of customer service and staff training to meet customer service standards and expectations for the assigned unit(s). Resolves service issues in the assigned unit(s) in a timely and respectful manner.

**Physical Nature of the Job:**

1. **Light work:** Exerting up to 20 pounds of force frequently to move objects. Some elements of the job are sedentary, but the employee will be required to stand for periods of time or move throughout the hospital campus.

**To apply:**

Interested applicants should send a single PDF file including:

1. Cover letter (please state how you heard about the position)
2. CV demonstrating publication of impactful work
3. One-page statement of research interests
4. Contact information for three references

EOE M/F/VET/DISABILITY/GENDER IDENTITY/SEXUAL ORIENTATION.