Main Forum Speakers

Prof. XU Zongben

Fellow of Chinese Academy of Sciences, Mathematician, Professor of Xi'an Jiaotong University.

Prof. XU Zongben mainly engages in the basic theoretical research of intelligent information processing, machine learning and data modeling. He proposes the L (1/2) Regularization Theory, which serves as the foundation for Sparse Microwave Imaging. In addition, he discovers and identifies the Xu-Roach Themo in machine learning, which solves several difficult problems in neural networks and simulated evolutionary computation, and provides a general deduction criteria for machine learning and non-linear analysis under Non-Euclidean framework. Moreover, he initiates new modeling theories and methodologies based on visual cognition, formulates series of new algorithms for clustering analysis, discriminant analysis, and latent viable analysis, which have been widely applied to science and engineering. He has won the second prize of the National Natural Science Award, the second prize of the National Science and Technology Progress Award, and the highest science and technology award in Shaanxi Province. He is owner of the Tan Kan Kee Science Award in Science Technology, Hua Luogeng prize in mathematics and the winner of CSIAM SUBuchin Applied Mathematics Prize. He delivered a 45-minute sectional talk at International Congress of Mathematicians (ICM 2010) upon the invitation of the congress committee. Prof. XU Zongben was the vice-president of Xi'an Jiaotong University. He currently makes several important services for government and professional societies, including the director for Pazhou Lab (Guangzhou), director for the National Engineering Laboratory for Big Data Analytics, a member of National Big Data Expert Advisory Committee and the Strategic Advisory Committee member of National Open Innovation Platform for New Generation of Artificial Intelligence.

Prof. XU Haoxin

Dean, School of Basic Medical Sciences, Zhejiang University

Professor (Adjunct), Department of MCD Biology, the University of Michigan

Prof. XU Haoxin received his undergraduate degree from Peking University, Ph.D from Georgia State University, and postdoctoral training with David Clapham at Children's Hospital Boston. He then joined the University of Michigan in 2007 where he is a professor at the Department of Molecular, Cellular and Developmental Biology. He is currently a Chair Professor at Liangzhu Laboratory & Zhejiang University Medical Center, and Dean of School of Basic Medical Sciences, Zhejiang University. Prof. XU has received multiple faculty awards including the Sloan Fellowship (Alfred P. Sloan Foundation), the Presidential Early Career Award for Sciences and Engineers (White House), and Henry Russel Award and Faculty Recognition Award (University of Michigan). In 2015, Prof. XU co-founded Gordon Research Conference (GRC) on "Organellar Channels and Transporters".

ZJU-UoE Forum (BioMed-X)

KE Yuehai

Dean of ZJU-UoE Institute

Vice Dean of Zhejiang University School of Medicine

National talent project winners and national "young and middle-aged experts with outstanding contributions", new century talents of the Ministry of education, leading talents of Zhejiang provincial talent plan, Zhejiang "151" project and other talent projects; He has won 100 excellent doctoral theses from the Ministry of education, national Baosteel excellent teachers, first prize of Natural Science in Zhejiang Province, special prize of teaching achievements in Zhejiang Province, special prize of educational achievements of Zhejiang Graduate Education Association, nomination award of Yongping teaching contribution award of Zhejiang University, first prize of high-quality teaching of Zhejiang University, etc. In recent years, Prof. Ke has successively won the 973 Program of the Ministry of science and technology, protein major, national key R & D program, etc. He has presided over five key and general projects of the National Natural Science Foundation of China, etc. the main representative research results are in science, cell research, J exp Med, J extract vectors, cell mol Immunol Nature communications and other academic journals.

James Michael Whelan

Academician of Australian Academy of Science

Prof. James Whelan is a world leading expert in mitochondrial biology in plants, from biogenesis to function, mitochondrial signaling and the role of mitochondria in plant growth, development and stress resistance. His work on "Plant Energy Biology" has changed how plant metabolism is viewed in terms of resource partitioning for growth and stress responses.

James Whelan has secured more than $AUD 100 million in competitive research grant funding, published more than 270 journal articles with a h-index of 95. In 2016 and 2022 he was named as a Thompson Reuters Highly Cited Author. He was listed by the American Society of Plant Biology as one of the top 50 cited authors in the world in Plant Biology (2009, 2015) . He was recently awarded Kun Peng Fellowship from the Zhejiang government and Yangtze fellowship from the central government (2022).

CHEN Caiyong

Deputy Director of Institute of Cell and Developmental Biology,

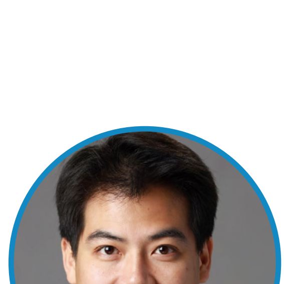
College of Life Sciences, Zhejiang University

Prof. Caiyong Chen received his PhD degree at the University of Maryland, College Park and his postdoctoral training at Brigham and Women's Hospital, Harvard Medical School. He joined Zhejiang University as a professor in 2014. Prof. Chen's research focuses on elucidating new mechanisms that control iron uptake, heme homeostasis, and red cell development.

Kuan Yoow Chan

Assistant Professor and Principle Investigator in ZJU-UoE Institute

Prof. Chan obtained his PhD in Biological Sciences at the University of Hull, UK in 2008. Upon graduation, he continued working at his PhD lab as a Wellcome Postdoctoral fellow for 2 years continuing his work on Trypanosome research. In 2010, he moved to the CRUK Manchester Institute at the University of Manchester where we worked with Prof. Iain Hagan to study the role of the eukaryotic centrosome in regulating the cell cycle, using fission yeast as a model organism. In 2018, he joined ZJU-UoE Institute as a tenure track Assistant Professor, establishing his independent research group to study the impact of centrosomal abnormalities on cell cycle deregulation in cancer.



YUAN Yuan

Assistant Professor and Principle Investigator in ZJU-UoE Institute

Prof. Yuan Yuan graduated from the University of South Florida, majoring in biomedical engineering, and later joined the University of Southern California Craniomaxillofacial Molecular Biology Center (CCMB) as a postdoctoral researcher. In 2021, he joined ZJU-UoE Institute. He has been engaged in the basic and applied research of stem cell heterogeneity and fate determining regulation, craniofacial tissue repair and regeneration for a long time, which provides an important reference and basis for clinical treatment and transformation of stem cells. Over 30 papers have been published in high impact journals such as Cell, Science Advances, Nature Communications, Advanced Functional Materials in recent five years. Thousands of young people in Zhejiang Province were selected.

WANG Yong

College of Life Sciences Zhejiang University

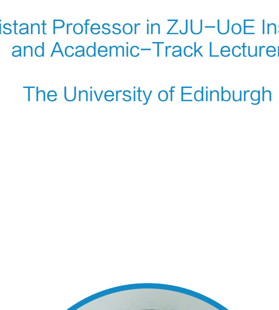
Prof. Yong Wang was an assistant professor at the University of Copenhagen before he joined Zhejiang University in July of 2021. He holds BSc degrees in Computer Science (minor) and Chemistry (major) from Jilin University and an MSc degree in Analytical Chemistry from the University of Chinese Academy of Sciences. His work during this period focused on answering basic biophysical problems e.g. in the areas of protein folding, intrinsically disordered proteins, and large-scale conformational changes in folded proteins using coarse-grained models and enhanced sampling methods. In 2013 he move to Denmark to pursuit his PhD in Biochemistry under the supervision of Kresten Lindorff-Larsen and obtained the degree at the end of 2016. His lab has wide international collaborations with experimental groups by integrating e.g. HDX mass spectrometry, NMR, CryoEM, and SAXS experimental data with molecular simulations and modeling.

YIN Zi

Professor in Zhejiang University School of Medicine

Assistant Dean of the Second Affiliated Hospital of Zhejiang University School of Medicine

Prof. Zi Yin is doctoral supervisor of stem cell and regenerative medicine and sports medicine, and winner of National Excellent Youth Fund and Zhejiang Provincial Outstanding Youth Fund. Assistant Dean of the Second Affiliated Hospital of Zhejiang University Shool of Medicine. Research direction: tendon stem cells and regenerative medicine. More than 60 SCI articles in tendon research field have been published, cited for more than 3000 times, and SCI H index is 31, all of which have been completed in China. Among them, more than 20 SCI papers have been published in Science Advances, Advanced Science, Biomaterials, Cell Death Differentiation, Cell Reports, etc. by the first author's corresponding author (including co-authors). Each paper has been cited for more than 50 times, including one paper with the highest 1% citation in ESI, with a maximum of more than 400 times for a single paper. Relevant research achievements won the first prize of Zhejiang Natural Science Award (3/5) and the second prize of Natural Science Award of the Ministry of Education (4/7). He has obtained 3 authorized patents and participated in compiling 3 English books and 1 Chinese book.

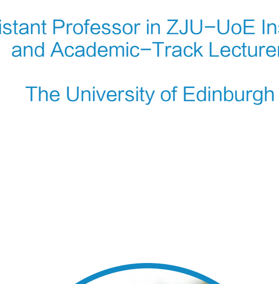


Rob Young

Assistant Professor in ZJU-UoE Institute and Academic-Track Lecturer

The University of Edinburgh

Prof. Rob Young is a tenure track lecturer at the Zhejiang University – University of Edinburgh Institute and at Edinburgh University's Usher Institute. He obtained his PhD degree from the University of Oxford in 2012 and carried out postdoctoral research at the MRC Human Genetics Unit, MRC IGMM at the University of Edinburgh. His research integrates genomics and population-wide datasets to understand how variation outside gene borders within the noncoding genome drives complex phenotypes and disease. He has a particular focus on promoters, which are noncoding regulatory loci responsible for regulating gene expression initiation and which are significantly enriched for phenotype-associated variants. He has also identified that promoters experience pervasive evolutionary volatility and is interested in what this rewiring can tell us about how variation across individuals, populations and species arises and is regulated.

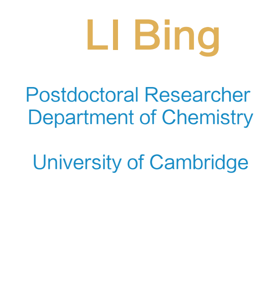


Richard Sloan

Assistant Professor in ZJU-UoE Institute and Academic-Track Lecturer

The University of Edinburgh

Prof. Richard Sloan is a tenure track lecturer at the Zhejiang University - University of Edinburgh Institute and at the University of Edinburgh. Richard obtained his PhD degree from University College London (UCL) in 2007 and then undertook postdoctoral research at the McGill University AIDS Centre in Montreal. He started his own lab at Barts and The London School of Medicine in 2013, before moving up to Edinburgh University to continue his research in the Division of Infection and Pathway Medicine. His research is in the field of intracellular innate immunity and seeks to understand how retroviruses such as HIV can be controlled by innate immune factors. More recently, he has also become interested in how endogenous retroelements in the human genome, such as LINE-1, may be similarly controlled by innate immune factors as occurs with infectious retroviruses like HIV. Collectively, this research may pave the way for new forms of antiviral therapy, provide molecular understanding of immunity and host cell biology, as well as explain patterns of patient disease susceptibility or retroviral zoonosis.



LI Bing

Postdoctoral Researcher Department of Chemistry

University of Cambridge

Dr.Bing Li graduates from University of Cambridge and currently works as Postdoc research fellow supporting by EPSRC grant. Under the supervision of Prof. Sir David Klenerman, who is the fellow of Royal society and the founder of second generation DNA sequencing, Bing Li' research focuses on the development of advanced live cell 3D imaging technology, local delivery and intracellular injection system and their application in neuroinflammation and T cell-cancer cell interaction. Furthermore, Bing is also working on the transformation from scientific research to Entrepreneurship. He founded the technology start-up company, Campixel limited, to commercialize single objective light-sheet microscopes and live cell micro & nano manipulating systems.

Buzz Baum

Research Leader at MRC Laboratory of Molecular Biology

University of Cambridge

Prof. Buzz Baum studied Biochemistry at the University of Oxford and obtained his PhD studying the cell division cycle with Paul Nurse at CRUK's London Research Institute. In 1997, as a postdoctoral researcher, he joined Norbert Perrimon's lab at Harvard Medical School, where he explored the control of cell shape and polarity in flies and in fly cells in culture using RNAi screening. Buzz returned to London in 2001 to establish his own group focused on understanding the mechanics, regulation and role of cell shape changes during cell division, development, and tumorigenesis. Then, in 2014, after proposing the "inside-out model" with his cousin David Baum as a possible explanation for the origin of eukaryotic cell organisation, the realisation that many of the core machines involved in eukaryote cell shape control were likely inherited from archaea led his team to shift its focus to questions of deep evolution. In 2020 he moved to the MRC-LMB in Cambridge, where his team is using archaea as model systems in which to identify and characterise conserved molecular and cellular processes that underpin eukaryotic cell biology in the hope of shedding new light on our evolutionary origins - putting the 'inside-out model of eukaryogenesis" to the test.

Tony Green

Academician of the Academy of Medical Sciences

Prof. Tony Green studied medicine (University of Cambridge and University College Hospital, London), subsequently trained in haematology (Royal Free Hospital and Cardiff) and gained his PhD studying oncogenic retroviruses (ICRF, London 1987). Following a post-doctoral period studying haematopoiesis at the Walter and Eliza Hall Institute (Melbourne), he moved to Cambridge in 1991 as a Wellcome Trust Clinical Senior Fellow and Honorary Consultant Haematologist. He was appointed Professor of Haemato-oncology in the University of Cambridge in 1999, served as Head of the University Department of Haematology from 2000-2020, and served as Director of the Wellcome-MRC Cambridge Stem Cell Institute from 2016 until 2022.

His early research explored the transcriptional control of normal blood stem cells and more recently the mechanisms by which such stem cells are subverted to cause haematological malignancies, using the myeloproliferative neoplasms as a tractable model. In work which spans basic, translational and clinical research he identified key causal mutations, described their biological consequences, led practice-changing clinical studies and discovered basic mechanisms of broad relevance for both cancer biology and cytokine signalling.

Tony has held multiple academic, clinical and educational leadership roles, both nationally and internationally, has been appointed to visiting professorships at several universities, was elected Fellow of the Academy of Medical Sciences (2001) and President of the European Haematology Association (2015-2017). Recent awards include the Jean Bernard Award by the European Haematology Association (2020) and the Donald Metcalf award by the International Society for Experimental Hematology (2021).

Ben Lehner

Senior Group Leader in the Human Genetics program

Wellcome Sanger Institute

Prof. Ben Lehner is a Senior Group Leader in the Human Genetics program, Wellcome Sanger Institute, Co-founder and co-chair of EMBL-CRG Barcelona Collaboratorium for Modelling and Predictive Biology. He is also an ICREA Professor and Coordinator of the Systems and Synthetic Biology Program at the Centre for Genetic Regulation, Barcelona, Spain. His main interest is in transforming biology into a quantitative and predictive engineering science. Over the years, his lab has addressed many important questions in genetics including mutation interactions, incomplete penetrance, the importance of developmental noise and inter- and trans-generational epigenetic inheritance, etc. His innovative and groundbreaking research has been highly recognised and he was awarded many prestigious prizes, including The Eppendorf Award, The Genetics Society Balfour Prize, EMBO Gold Medal, and in 2017 he has become an EMBO Member.

ZJU-UIUC Forum (Engineering+)

LE Zichun

Professor

Foreign Member of the National Academy of Science of Ukraine

Zichun Le received the Ph.D. degree in optical engineering from the Changchun Institute of Optics, Fine Mechanics and Physics, in 1997. She worked with Oxford University, England; the University of Bielefeld, Germany; the University of Iowa, USA; and Chonnam National University. She is currently a Second-Grade Professor with the Zhejiang University of Technology, Foreign Member of the National Academy of Science of Ukraine. She is also the Director of the Joint International Research Laboratory of Optoelectronic Information Technology of Zhejiang Province and the Head of the Department of Optical Engineering.

She has rich international cooperative researching experience. She is the author of more than 100 scientific works, including six monographs and more than 100 patents. Her current research interests include optics and photonics, optical communications, and signal processing.

HU Huan

Assistant Professor/Assistant Dean

Dr. Hu earned the Bachelor's and Master's Degrees at Tsinghua University in China, and obtained his Ph.D. in the ECE department working with Prof. William P. King in 2014. He then joined IBM T. J. Watson Research Center as a postdoctoral research scientist for almost 3 years. He has led projects in both academia and industry, resulting to 59 peer-reviewed journal papers published in 35 international-recognized journals covering engineering, mechanics, chemistry and biology. Moreover, he has filed 26 US patent disclosures (16 patents granted) and 6 Chinese patents (3 granted). One of the Chinese patent was converted to a start-up company. He is interested in advanced nanomanufacturing, bio-inspired sensing, micro/nano-sensors, lab on chip. He is now leading the Nanomanufacturing and Biomimetics Research Group at ZJUI.

YANG Hao-Cheng

Research Professor

Dr. Hao-Cheng Yang received Bachelor's and Ph.D. degrees in Polymer Science from Zhejiang University in 2012 and 2017, under the supervision of Prof. Zhi-Kang Xu. Then he completed his postdoc research at Argonne National Laboratory and became an Associate Professor at Sun Yat-sen University in 2018. He joined the Department of Polymer Science & Technology at Zhejiang University in 2022. His group focuses on the surface and interface engineering of polymer membranes for sustainable uses. He has published more than 80 peer-reviewed papers with >6000 citations, and his H-index is 41. He also serves as an Editorial Board Member of Adv. Energy Sustain. Res. and Sustain. Horizon.

SONG Shaofei

Research Professor

Shaofei Song, Ph.D., Research Professor of Zhejiang University 100 talents project. He graduated from Zhejiang University in the year of 2018. His work mainly focused on catalyzed polymerization for polyolefins and their functionalization. Then he went to University of Toronto as a postdoctoral fellow in Prof. Mitchell A. Winnik Group. He majored the work on self-assembly of block copolymers and preparation of functional nanomaterials based on polymers.

LI Qi

Research Professor

Dr. Li got his B.E. Degree at Zhejiang University and M.S. Degree at Fudan University. Dr. Li then enrolled in Carnegie Mellon University and received his PhD degree in Chemistry. Dr Li worked as postdoctoral researcher at Stanford University in recent three years. Dr Li has made original contributions of major significance to the field of Nanochemistry, Nanomaterials and 3D Nanoprinting. Dr Li has published several influetial papers, including the recent paper on the 3D nanoprinting in Science.

YANG Qiang

Professor

Qiang Yang (M'03-SM'18) received Ph.D. degree in Electronic Engineering and Computer Science from Queen Mary, University of London, London, U.K., in 2007 and worked in the Department of Electrical and Electronic Engineering at Imperial College London, U.K., from 2007 to 2010. He visited the University of British Columbia and the University of Victoria Canada as a visiting scholar in 2015 and 2016. He is currently a full Professor at the College of Electrical Engineering, Zhejiang University, China, and has published more than 240 technical papers, filed 70 national patents, co-authored 2 books, and edited 2 books and several book chapters. His research interests over the years include smart energy systems, large-scale complex network modeling, control and optimization, learning based optimization and control. He is a Fellow of the British Computer Society (BCS), a Senior Member of IEEE, IET and the Senior Member of China Computer Federation (CCF).

LI Zuyi

Professor

Dr. Zuyi Li is currently Qiushi Distinguished Professor at the School of Electrical Egineering, Zhejiang University. He was a Professor in the Electrical and Computer Engineering Department at the Illinois Institute of Technology (IIT), Chicago, and the Associate Director of the Robert W. Galvin Center for Electricity Innovation at IIT. His research interests include economic and secure operation of electric power systems, microgrid and smart grid, and renewable energy integration. He co-led the design, implementation, and operation of the IIT Microgrid, the world's first campus microgrid. Zuyi Li received the B.S. degree from Shanghai Jiaotong University in 1995, the M.S. degree from Tsinghua University in 1998, and the Ph.D. degree from Illinois Institute of Technology in 2002, all in electrical engineering.

WANG Kai

Associate Professor

Kai Wang is an Associate Professor at China-UK Low Carbon College, Shanghai Jiao Tong University. Before, he received the PhD from University of Hong Kong in 2017 and worked as a Research Fellow at University College London from 2017 to 2022. His research interests include urban climate modelling and design, ventilation and air quality, climate risk mitigation and adaptation, etc.

XIAO Shenglan

Associate Professor

Dr. Shenglan Xiao is an associate professor of School of Public Health (Shenzhen), Sun Yat-sen University. She obtained her PhD at the University of Hong Kong and was a Post-doctoral Fellow at HKU before she joined Sun Yat-sen University. Her research interests include environment studies of disease transmission and infection control in indoor environments. She is the PI of 5 research projects. She has published over 30 SCI papers, including 9 JCR Q1 papers as first or corresponding authors, with over 1500 citations in Google Scholar. She serves as the Guest Editor of Frontiers in Public Health, and reviewers for multiple journals. She received Chief Executive's Commendation for Community service from the Hong Kong Special Administrative Region for her outstanding contribution to the fight against COVID-19 in 2021.

ZIBS Forum

CHIU Tzu-Kuan

Professor

Prof. CHIU is a professor at SAIF, Shanghai Jiaotong University. She holds a doctorate degree in finance from Wharton School, the University of Pennsylvania.

Prof. Chiu has been involved in research as well consulting projects in green finance, ESG investing, sustainability rating, impact investing, corporate governance, and corporate social responsibility with companies, government agencies, and security exchanges.

Prof. Chiu has authored and edited books in sustainable finance, ESG investing, ESG rating, corporate governance, corporate finance, and business ethics, and has published research paper in academic journals such as the Management Review, and the Journal of Business Ethics.

Prof. Chiu teaches courses at the MF, MBA, EMBA, and DBA levels and has won numerous teaching awards over the past decade. In addition, she has developed teaching cases for the Harvard Business Publishing.

Prof. Chiu serves as an independent director on the board of numerous for-profit corporations, and also sits on several not-for-profit boards. She was a founding member of the Business Ethics Advancement Council in the Greater China, and a co-founder of the Sustainable Finance Forum.

ZHAO Yupei

"Hundred Talent Program Young Professor"
Associate Professor

Dr Yupei Zhao is an "Hundred Talent Program Young Professor" and doctorial tutor in college of Media and International Culture in Zhejiang University. She is chair-elected of International Communication Association Popular Media and Culture Division, Director of Virtual Reality and Digital Culture Research Center in College of Media and International Culture at Zhejiang University (PRC), director of Cultural Creativity of Metaverse Industry Research Center in International Business School at Zhejiang University, Co-chair of APRU game and eSports research working group.Her research interests widely includes mixed-methods use to examine digital culture and platformalization, global communication, media culture and industry.

WEN Wu

Professor

Dr. David Wen is a professor of ZIBS and the executive director at the International Research Center for FinTech Security. His current work is to build future digital financial infrastructure using "Digital Value", a term he coined to represent all types of digital assets in the digital economy. After obtaining his Ph.D from Oxford University, he has worked at NTT Communication Science Laboratory in Japan, before appointed the youngest Associate Professor in Tokyo Science University. While visiting Stanford University as a visiting professor, he worked on Department of Defense's Common Access Card (CAC) program and later joined HID as chief security architect oversaw the entire Federal Identity Management products and deployment. He later took up position of Chief Scientist at Dell and SAIC, both Fortune 500 companies, managing the deployment of US Federal Government's Personal Identification and Verification (PIV) program at NASA, DHS, and FDA etc. In September 2011, he co-founded eCurrency Mint Ltd, the first silicon valley company to provide Central Bank Digital Currency solution globally. He helped coin the term Digital Fiat Currency working as the US expert to ISO Technical Committee 68 (SC 2) for digital currency security, and was elected chairman of the International Telecommunication Union's Focus Group on Digital Fiat Currency, working with central banks and telecom regulators from People's Bank of China as well as over 40 Central Banks around the world. He co-authored the first "Digital Legal Currency" book published by People's Finance Publisher and is used as textbook for graduate studies. He is currently working with a few Central Banks in developing countries using "World Change" as the new digital financial infrastructure in practice.

WAN Feng

Associate Professor

Dr. Wan Feng is an Associate Professor of ZIBS. Prior to joining ZIBS, he has worked at Beijing Normal University and University of East Anglia. His research interests include innovation management, industrial clusters, and competitive strategies. He has published in Management International Review□Technovation□Technological Forecasting & Social Change, among others.

LEI Linan

Associate Professor

Dr. Linan Lei is an Assistant Professor of Innovation and Strategy at Zhejiang University International Business School (ZIBS), China. Dr. Lei has been engaged in the research on the catch-up and beyond of hidden champions in manufacturing under the context of digitalization and globalization. Dr. Lei has lead research projects granted by National Natural Science Foundation of China (NSFC) and Ministry of Science and Technology, China. She has published articles in Management and Organization Review, Asian Business & Management, Journal of Engineering and Technology Management, among others.

LI Yuanqi

Associate Professor

Assistant Professor Yuanqi Li graduated from Tsinghua University with a bachelor's degree in Basic Science of Mathematical and Physics, and a Ph.D. in Finance from the School of Economics and Management of Tsinghua University. He was in charge of FOF macro strategy research in the Asset Management Department of China International Capital Corporation. He has participated in the research work of the People's Bank of China, the China Banking and Insurance Regulatory Commission, and the China Securities Regulatory Commission. His research interests include financial technology, green finance, behavioral finance, and business models.

WANG Yiwei

Associate Professor

Dr. Yiwei Wang is an Assistant Professor of Operations Management at Zhejiang University International Business School (ZIBS), China. He obtained his Ph.D. from UC Irvine, Paul Merage School of Business, and his bachelor's degree from UC Berkeley, department of Industrial Engineering and Operations Research. His research uses field experiments, causal inference, and applied economic modelling to study consumer behaviors and operations management problems in online and brick-and-mortar retail settings. His research has been accepted at the journal Manufacturing & Service Operations Management. He currently serves as the Ad Hoc reviewer for Management Science.

LUO Lingli

Associate Professor

Dr. Lingli Luo is an Assistant Professor of Strategic Management at Zhejiang University International Business School (ZIBS), China. She has received her PhD from University of New South Wales. Within the area of strategic management, her research interests are focused on behavioral strategy, organizational aspirations, status and reputation. She has published in the Journal of Business Venturing, Journal of Business Ethics, Asia Pacific Journal of Management, among others. She also serves as an editorial board member of the Asia Pacific Journal of Management.

JIA JIA LIM

Associate Professor

Dr. Jia Jia Lim is an Assistant Professor of Supply Chain Management & Sustainability at Zhejiang University International Business School (ZIBS), China. She uses qualitative and quantitative methods to examine the intersections between new technologies and collaboration relationship between firms for sustainability. Within the area of supply chain management and sustainability, she has published in International Journal of Operations & Production Management, Industrial Marketing Management, Journal of Business Research and International Journal of Production Economics. She also served as editorial review board member at Journal of Supply Chain Management and reviewer at Industrial Management and Data Systems.

ZHOU Dong

Post-doctoral Fellow

Dong ZHOU currently holds a position as a Postdoctoral Associate at International Business School, Zhejiang University (ZIBS). He received his PhD in Mechanical Engineering from Tsinghua University (2015). Prior to joining ZIBS, he has worked as a Lecturer of Finance at School of Economics, Zhejiang University of Technology, where he has conducted research activities in the areas of Artificial Intelligence and FinTech with a special research interest focus on machine learning for quantitative investing. He has published 12 papers in journals and conferences proceedings, while 17 patent applications were granted in China for his novel research efforts. He is currently a Member of Professional Committee of Natural Computing and Digital Intelligent City, Chinese Association for Artificial Intelligence (CAAI).

LIANG Tian

Post-doctoral Fellow

Dr. LIANG Tian is a post-doctoral fellow at International Business School Zhejiang University.She got her Ph.D in Technology Management from Taiwan Tsinghua University (Hsinchu,Taiwan)in 2022. Her research focuses on university technology transfer as well as organization entrepreneurial behavior.

Emerging Optoelectronic and Energy Devices

Ong Wee Liat

Research Professor

Wee-Liat Ong received his Ph.D. from Carnegie Mellon University, USA. He was a postdoctoral researcher at Columbia University, USA before joining Zhejiang University-University of Illinois at Urbana Champaign Institute, China as a tenure-track associate professor. His research group uses both experimental and simulation techniques to study thermal transport phenomena at the nanoscale as well as other problems pertaining to energy conversion. He has co-authored 20+ papers, including several in Nature Materials, Advanced Science, and ACS Nano.

Xinliang DAI

Research Professor

Xingliang Dai, PhD, researcher of Zhejiang University. In 2012 and 2017, he obtained the bachelor's degree and doctor's degree from Zhejiang University, respectively. In 2020, he joined the semiconductor film group in Zhejiang University, focusing on the research of quantum dots materials and solution-processed light-emitting diodes (LEDs). His research achievements won the top ten scientific progress and important achievements in optics in China in 2014. A chapter titled "Solution Technology and Preparation of Light Emitting Devices" was compiled and included in the national planning textbook "Semiconductor Thin Film Technology and Physics" (third edition). At the same time, TCL, BOE, Samsung Electronics and other display manufacturers paid extensive attention to his research. In SID speech, Mr. Dongsheng Li, the chairman of TCL, specifically mentioned the Chinese power we contributed to the display industry, which strongly promoted the industrialization process of quantum dot printing display. To date, He has published research in journals including Nature□Nature Commun.□Adv. Mater.□Adv. Funct. Mater.□ACS Energy Lett. as the first/corresponding author (including co-authors) and directed the National Natural Science Foundation of China, the Natural Science Foundation of Zhejiang Province, and the Postdoctoral Science Foundation. He has been selected into the 7th "Youth Talent Promotion Project" of the Chinese Association for Science and Technology and the Qizhen Outstanding Young Scholars of Zhejiang University.

Yunzhou Deng

Postdoc
Zhejiang University

Dr. Yunzhou Deng received his Ph.D in chemistry from Zhejiang University in 2021. He is now a postdoctoral researcher at Zhejiang University and will further his research at the Cavendish Laboratory, University of Cambridge. Yunzhou's research interest is on the fundamental processes in the solution-processed light-emitting diodes. His research involves advanced spectroscopy and numerical simulations, addressing the exciton-generation dynamics and the efficiency-loss mechanisms in the electroluminescence of quantum dots. He has published research on high-impact journals, including Nature Photonics, Nature Communications, Science Advances, and npj Flexible Electronics as the first/corresponding author (including co-authors). He is also directing the China Postdoctoral Science Foundation.

Dexin Yang

Research Professor
Hangzhou Dianzi University

Dexin Yang received his B.Sc. in 2012 and Ph.D. in 2016 from China University of Geosciences (Beijing). He was a visiting student at the University of Cambridge, UK (2014–2015), a postdoctoral research fellow from 2019 to 2021 and a visiting scholar from 2021 to 2022 at DAWEI group at Zhejiang University. He is currently an associate professor at Hangzhou Dianzi University, China. His research concerns the roles of strain and elastic relaxation in functional materials, as well as the phase transition, ferroelasticity, magnetic and optoelectronic properties of perovskite semiconductors. He has published 23 papers as first or corresponding authors, including Nat. Commun., Phys. Rev. B and Adv. Funct. Mater.

Meng Zhang

Research Professor

Dr. Meng Zhang is a ZJU100 Young Professor in the College of Optical Science and Engineering at Zhejiang University, China. She received her PhD degree in Engineering Thermophysics from Zhejiang University in 2016. She subsequently worked as a Research Scientist/ Postdoctoral Research Fellow at Georgia Institute of technology during 2017-2022. Her research interests are centered on optoelectronic devices for solar energy conversion and storage, which represents an interdisciplinary study, including optoelectronics, energy, materials science and chemistry etc. Her current work focuses on the third-generation solar cells and solar fuel production. In the recent 5 years, she has published >20 SCI-indexed journal papers, among which she is the first author or corresponding author for >10 papers. Her papers are published on well-known journals, such as Advanced Materials, Energy & Environmental Science, Chemical Reviews, Chemical Society Reviews, etc. She serves as the Community Board for Materials Horizons. She is frequently invited to review papers for many journals, including Nano Energy, Chemical Engineering Journal, Journal of Materials Chemistry A, and Materials Horizons.

Runchen Lai

staff scientist,
Westlake University

Dr. Runchen Lai now serves as a staff scientist in the spectroscopy laboratory of the Instrumentation and Service Center for Molecular Science (ISCMS) of Westlake University since Sep. 2022. Prior to joining Westlake University, she earned her PhD degree from Department of Chemistry, Zhejiang University, where she studied the synthesis of colloidal quantum dots and the growth kinetics of nanocrystals in solution. She then worked as a postdoctoral researcher at the Dalian Institute of Chemical Physics, Chinese Academy of Sciences and the School of Optoelectronic Science and Engineering, Zhejiang University. During her postdoctoral fellowship, she mainly focused on the excited-state dynamics in photoelectric conversion systems based on novel semiconductor materials, such as quantum dots and perovskites, using time-resolved spectroscopy

Special session on Musculoskeletal system

Ouyang Hongwei

Dean of International Campus of Zhejiang University

Qiushi Distinguished Professor of Zhejiang University

the National Science Fund for Distinguished Young Scholars

Dean of International United College of Zhejiang University, Qiushi Distinguished Professor of Zhejiang University ,supported by National Science Fund for Distinguished Young Scholars□ He has been engaged in sports system injury repair and regeneration research for seven consecutive years from 2015 to 2021. He was selected as one of the most cited scholars of Elsevier China and one of the "Top 2% of Global Top Scientists in 2020" published by Stanford University. It has established 3 national industry standards, 1 group standard and 1 Ministry of Health management standard. It is the first in China to carry out clinical articular cartilage tissue engineering transplantation, the first international clinical multi-center randomized controlled study of silk medical materials, and the first in China to obtain the third class medical device certificate of silk materials. As the first complete person, he has won 3 first prizes of provincial and ministerial science and technology awards. In 2012, I led the team to establish the first domestic biomedical major and was selected as one of the first national first-class undergraduate major construction sites

Ye Zhaoming

Director of Orthopedics Department of the Second Affiliated Hospital of Zhejiang University

Chairman of orthopedics Department of Zhejiang Province

Director of Orthopedics Department of the Second Affiliated Hospital of Zhejiang University, Director of Orthopedics Institute of Zhejiang University, Chairman of orthopedics Department of Zhejiang Province. "Qiushi" Distinguished Professor of Zhejiang University□Associate editor of World Journal of Emergency Medicine; Editorial board member of Orthopaedic Surgery, Chinese Journal of Orthopedics and JBJS (Chinese Version); corresponding editorial board member of Chinese Journal of Bone Tumor and Bone Disease; Executive editorial Board member of Journal of Practical Oncology.

He presided over 1 national key research and development plan project, 3 National Natural Science Foundation projects and 2 Zhejiang Provincial Natural Science Foundation projects, 1 Zhejiang Provincial Health Department key project, 1 Zhejiang Provincial Higher Education 13th Five-Year Teaching Reform project, 2 Zhejiang University MOOC project of bone science. He has published 50 SCI papers as the corresponding author. In the world, the reconstruction of bone defect after resection of pelvic tumor in the upper femur segment was earlier proposed. The article was published in CORR, the TOP journal of orthopedics. The role and mechanism of epigenetic regulation of CXCL12 in mediating lung metastasis of osteosarcoma and its immune microenvironment was first proposed in the world. The paper was published in Cancer Research.

Yu Jiakuo

Chief Scientist of the National Key R&D Program

Director of Sports Medicine

Peking University Third Hospital

Director of Sports Medicine Institute

Peking University

Professor Yu Jiakuo is an expert enjoying the special allowance of the State Council. Central Health Consultation Specialist. Chief Scientist of the National Key R&D Program, Leader of the National Natural Science Foundation of China Instrument Special Key Project, National Natural Science Foundation of China Key Project Leader, and National Natural Science Foundation Key International Cooperation Project Leader. He led 14 national-level projects. He has published 166 papers as first author and corresponding author. Editor-in-chief and associate editor of 8 monographs. 56 authorized patents have been obtained. As the first completer, he won 4 provincial and ministerial scientific and technological achievements from the first to the third prize.

Zou Xuenong

Expert of National 973 project

Director of Orthopaedic Institute

The First Affiliated Hospital of Sun Yat-sen University

Professor Zou Xuenong is an ICORS-Fellow of the International Association for Orthopaedic Research and a life member of the International Chinese Society of Hard Organizations. Member of the Basic Science Group of the Orthopedic Branch of the Chinese Medical Association; Standing Committee Member of the Chinese Basic Society of Orthopaedics of the International Society of Trauma and Orthopaedic Surgery (SICOT); Vice Chairman of Intelligent Biomimetic Biomaterials Branch of Chinese Society of Biomaterials; Standing Committee Member of Regenerative Medicine Materials Branch of Chinese Society of Biomaterials; Standing Committee Member of Medical Metal Materials Branch of Chinese Society of Biomaterials; Member of Biomaterials Branch of Chinese Society of Biomedical Engineering. Project expert of the National 973 Program.Engaged in the pathogenesis of bone and joint diseases, biomaterials and regenerative medicine related research, key technologies and product development, responsible for the randomized double-blind controlled multi-center clinical study of teriparatide in the treatment of low back pain, achieved a series of innovative research results, participated in the development of 3 FDA-registered medical device products.

Qing Jiang

National Science Fund for Distinguished Young Scholars

director of orthopedics affiliated Drum Tower Hospital

Medical School of Nanjing University

Professor Jiang Qing is a director of the International Arthritis Association, a vice chairman of the Sports Medicine Branch of the Chinese Medical Association, a former chairman of the Sports Medicine Branch of Jiangsu Medical Association, and a vice chairman of the Orthopedic Branch. Professor Jiang Qing is the first clinical doctor of sports medicine trained in China, and he is also the outstanding young recipient of our sports medicine department. Professor Jiang Qing is mainly engaged in basic and clinical research on locomotor system diseases, and has published more than 200 papers including Nature Medicine and Nature Genetic. The team led by him has obtained a number of national patents.

Ruan Jun

Deputy Director of Laboratory and Equipment Management Department,

Zhejiang University

Jun Ruan is responsible for the management of laboratory and equipment assets, open sharing of large instruments, laboratory safety and other work of Zhejiang University

Zhang Yan

Chang-Jiang Scholar Professor

Deputy Dean of School of Basic Medicine school Zhejiang University

Dr.Zhang has been appointed as the Distinguished Professor and the Vice Dean of School of Basic Medicine of Zhejiang University. He has been elected to the "Changjiang Scholar" of the Ministry of Education and the Chief Young Scientist of the National Key Research and Development Program. Dr. Zhang has long been engaged in the research of GPCR structural pharmacology and signal transduction regulation mechanism. He has achieved systematic results with international influence in the field of GPCR structural pharmacology. For the first time, he has obtained the high-resolution structure of GPCR signaling complexes using Cryo-electron microscopy technique. Dr. Zhang has published more than 50 corresponding or first-author papers, including Nature (8), Science (2), Cell, Cell Research (5), Molecular Cell (3), Nature Chemical Biology, etc. His work has received wide attention from international peers, with more than ten F1000 recommendations and more than 10 highly cited papers. He has been awarded the Jiazhen Tan Life Science Innovation Award (2022), Shulan Medical Youth Award (2022), Chinese Medical Major Advances (2019), and Top 10 Academic Advances of Zhejiang University (2021).

Fang Sanhua

Executive Deputy Director of Public Technology Platform Medical School of Zhejiang University

Dr. Fang is currently the Executive Deputy Director of the Public Technology Platform of Zhejiang University School of Medicine. He is also the head of the Imaging and Neurology Institute sub-platform. Dr. Fang graduated from Zhejiang University School of Medicine with a PhD in Neuropharmacology in 2006. From 2010 to 2012, as a visiting scholar, he conducted research on inflammatory mechanisms of brain injury in molecular biology at the University of Texas Southwestern Medical Center, USA. After returning to China, he was mainly responsible for the construction and management of the public technology platform and the research of neuroscience and optical microscopy imaging technology in Zhejiang University. His research has received grants from the National Natural Science Foundation of China, Zhejiang Provincial Natural Science Foundation, China Postdoctoral Science Foundation, and Zhejiang Provincial Fund for Analysis and Testing.

Jia Lingyan

Director of center for Academic Affairs

Zhejiang University-University of Edinburgh Institute

Dr. Jia is currently the Director of the center for Academic Affairs at Zhejiang University-University of Edinburgh Institute. She is mainly responsible for managing the fund application, transformation of scientific research achievements, public technology platform support and laboratory safety of the Joint Institute of Zhejiang University and Edinburgh University.

Zhao Chunhui

The National Science Fund for Distinguished Young Scholars

Qiushi Distinguished Professor of Zhejiang University

Professor. Zhao's main research direction is statistical machine learning and data mining for different applications. More than 180 high-level SCI research papers have been published in international authoritative journals. 3 Chinese monographs and 1 undergraduate textbook have been published. More than 60 invention patents have been granted. Professor. Zhao is the director of the National Natural Science Foundation for Distinguished Young Scholars Program and presided over more than 20 scientific research projects, including National Natural Science Foundation of China, national key research and development plans, provincial projects and enterprise cooperation projects. Professor. Zhao has won many provincial and ministerial awards such as the Natural Science Award of the Ministry of Education and the First Youth Science and Technology Award of Zhejiang Province, and ten academic awards, including the First Prize of Natural Science of the Chinese Society of Automation and the First Young Female Scientist Award of the Chinese Society of Automation. Professor. Zhao served as the senior editor of Journal of Process Control, the editorial board member of three international journals, including Control Engineering Practice and Neurocomputing, and the editorial board member of three domestic journals, including Control and Decision.

Si Ke

Professor

Deputy Dean of College of Brain Science and Brain Medicine Zhejiang University

Deputy Director of the Center for Frontier Science of Brain and Interbrain Fusion of the Ministry of Education, Deputy Director of the Key Laboratory of Medical Neurobiology of the Health Commission, and Deputy Director of the International Joint Research Center of Optoelectronics Technology of the Ministry of Science and Technology. Professor. Si's main research direction is biomedical photonics and brain computer interface, including optical microscopic imaging, neuro optical regulation, and artificial intelligence data processing. Professor. Si has published more than 60 academic papers in Nature Photonics, Molecular Psychiatry, PNAS, Theranotics, Optics Letters, Optics Express, etc. His researches have been cited by Science, Nature Reviews Physics, Nature Biotechnology, and Nature Photonics more than 20 times. One of the researches has been cited by a review in Science and is highly praised as "opening the door to a new generation of microscopy". Two researches are cited by Nature Reviews Physics [1-18 (2020)] and reported extensively. Professor. Si presided over the key program and general program of the National Natural Science Foundation of China, provincial key research and development program (preferred entrustment), provincial outstanding youth program and other projects.

Lin Xianfeng

Distinguished researcher of Zhejiang University School of Medicine

Doctor of Medicine, attending physician, master's supervisor.In recent years, he mainly focusing on the mechanism and application transformation of preparation of de immunogenic natural biomaterials, regeneration and repair of skeletal muscle system and interdisciplinary research has been carried out. As a correspondent/first author, with an H index of 21, he has published more than 30 SCI papers in the international authoritative journals, including Nature, Matter, Developmental Cell, Science Advances, JACS, Biomaterials, etc. He presided over three programs, such as major cultivation programs and general programs of the National Natural Science Foundation of China.

Lv Hongbin

Professor

Director of Sports Medicine Department Xiangya Hospital

Hongbin Lv, Director of Sports Medicine Department of Xiangya Hospital of Central South University, Director of Hunan Key Laboratory of Organ Damage Aging and Regenerative Medicine, Director of Sports Medicine Joint Research Center of Xiangya Hospital of Central South University - International Chinese Bone Research Society (ICMRS), and Distinguished Professor of "Sublimation Scholars Program" of Central South University. She is devoted to the clinical and basic research on the injury and rehabilitation of the muscleskeleton system. She has successively presided over more than 30 international, national, provincial and ministerial scientific research projects and obtained nearly 15 million yuan of various scientific research funds. She won the second prize of Hunan Natural Science Award, the third prize of Hunan Science and Technology Progress Award, and the Huaxia Medical Science and Technology Award as the first person to complete the research; She was supported by the AO Research Fund of the International Osteomuscular Joint Research Foundation in 2005, won the “New Investigator Recognition Award” at the 56th Annual Orthopedic Research Conference in 2010, and won the "2016 Excellence in Basic Science Award" at the 2017 ORS Annual Conference. She has published more than 140 papers, including more than 70 SCI, 2 monographs edited by the chief editor, and 1 textbook and 1 teaching reference book edited by the co editor. She also has 4 national invention patents.

Liu Yan

Chang-Jiang Scholar Professor

National "Ten Thousand People Program" young top talent

Chang-Jiang Scholar Professor,fellow of the International College of Dentists, deputy editor of Frontiers in Dental Medicine, Editorial Board member of Nano Research, International Journal of Oral Science and Chinese Journal of Orthodontics; He has been committed to the research of biomimetic nanomaterials and cranial and maxillofacial tissue regeneration for a long time, and has made innovative discoveries and important breakthroughs in tissue formation mechanism, biomimetic nanomaterials preparation and defect tissue regeneration efficiency. As the first/corresponding author in Nature Communications, Advanced Materials, Journal of the American Chemical Society, Advanced Functional Materials, Nano Today and other published 62 academic papers; Won one of the 100 most influential international academic papers in China and highly cited papers on Web of Science; Presided over 14 national and provincial level projects; 8 invention patents were authorized and 1 was converted. 4 provincial and ministerial science and technology progress awards; He has won 27 domestic and international academic awards, such as Wu Mengchao Medical Youth Foundation Award, the first National Oral Outstanding Youth Award, and the William J. Gies Award of the International Dental Research Association.

Liu Kun

Professor

Deputy Director of orthopedics Shanghai Sixth People's Hospital

Doctor of Medicine, post doctor of Johns Hopkins University, member of the 20th batch of doctor service group of the Central Organization Department (Xinjiang aid). Professor liu. is now the deputy director of orthopedic administration, researcher, deputy chief physician and doctoral supervisor of Shanghai Sixth People's Hospital. He is good at the research and clinical prevention of tissue adhesion, and has published papers in Adv Mater, Adv Sci, Nat Commun, etc. He presided over the National Natural Science Foundation outstanding youth programs, general programs and other projects. Professor Liu has been selected into a number of talent plans, including Shanghai Excellent Academic Leaders, Dawn Plan, Shanghai Young Top Talents, etc. 17 patents have been granted and 5 have been converted. He won the second prize of National Science and Technology Progress Award (R3) and the first prize of Shanghai Science and Technology Progress Award (R2). He served as the youth member of the International Bone Mineral Research Association, the vice leader of the basic science group of the Youth Committee of the Orthopedic Branch of the Chinese Medical Association, the vice chairman of the Youth Committee of the Microsurgery Branch of the Shanghai Medical Association, and the vice chairman of the Youth Committee of the Orthopedic Branch of the Shanghai Medical Association.

Qin Tingwu

Professor

west China Hospital of Sichuan University

Professor and doctoral supervisor, State Key Laboratory of Biotherapy/Institute of Orthopedics, West China Hospital, Sichuan University. Visiting Scholar, Mayo Clinic Orthopedic Biomechanics Laboratory, USA. He is currently member of the Materials Biomechanics Branch of the Chinese Society of Biomaterials and member of the Tissue Engineering and Regenerative Medicine Branch of the Chinese Society of Biomedical Engineering. He presided over a number of "863" key projects, National Natural Science Foundation projects and other projects, published more than 60 papers, edited 1 national university textbooks, participated in editing (translating) 6 monographs, and obtained 8 authorized invention patents. The main research results won the second prize of the first China Medical Science and Technology Award and the first prize of the Ministry of Education Technology Invention Award.

Fang Fei

Assistant Professor

Icahn School of Medicine at Mount Sinai

Dr. Fei Fang is an Assistant Professor in the Leni and Peter W. May Department of Orthpaedics at the Icahn School of Medicine at Mount Sinai in New York. Dr. Fang specializes in deciphering cues of tendon mechanobiology and developmental biology. Dr. Fang aims to combine the research results with tissue engineering and cell therapies for promoting regeneration of musculoskeletal tissues, with a focus on tendon, ligament, and meniscus. Dr. Fang graduated from Huaqiao University (China) with a B.A. in Mechanical Engineering, received her M.S. in Mechatronic Engineering from Zhejiang University (China), and then completed her M.S. and Ph.D. in Mechanical Engineering from Washington University in St. Louis. She joined Mount Sinai in August 2022 to lead the Fang Laboratory for Musculoskeletal Mechanobiology and Cell Niche.

Gao Bo

Tenure-track Assistant Professor

Li Ka-shing School of Medicine University of Hong Kong

His research interests focus on the role and function of signaling pathways in genetic development and human disease, with a focus on bone/connective tissue systems and disease. So far, he has published nearly 20 Research papers in Nature, Nature Genetics, Developmental Cell, Cell Research and other internationally renowned journals, which have been cited more than 1400 times.

Qiu Jichuan

Professor of Shandong University

Professor of Shandong University,,supported by the national youth talent support program.The research work focuses on the design and synthesis of biomedical materials and their applications in drug delivery, stem cell differentiation, tissue engineering and other fields. Be the first or corresponding author in Adv. Mater., Angew.Chem. Int. Ed., Acc. Chem. Res., Nat. Nanotechnol. He has published more than 20 papers in other journals and obtained 4 authorized Chinese invention patents. He presided over some tasks of the National Natural Science Foundation Youth Project, the Major Basic Research Project of Natural Science Foundation of Shandong Province, and the major Science and Technology Innovation 2030 Project of Ministry of Science and Technology. He is currently Managing Editor of BMEMat and was invited to work as Front. Chem. Guest editor.

Jin-Hong Kim

Associate Professor Seoul National University

The research interest of our lab is in revealing the molecular mechanisms underlying musculoskeletal diseases (osteoarthritis, tendinopathy, and sarcomas) and developing therapeutic strategies against these diseases.

Chen Jun

professor

Assistant Director of Sports Medicine Institute of Fudan University

Professor Jun Chen has obtained 8 projects of National Natural Science Foundation (youth and general projects and 6 international exchange and cooperation projects), 1 project of doctoral foundation, 3 projects of Shanghai Science and Technology Commission, etc. He has obtained 13 Chinese patents (11 inventions, 2 practical) and published 26 SCI papers as the first, co-first or corresponding author in international professional journals, among which 6 papers are IF> 10,14 articles 10> IF> 5. The maximum score of single paper influence factor was 16.4. He has won the second prize of Scientific and Technological Progress of the Chinese Medical Association, the second Prize of Scientific Progress of the Shanghai Medical Association, the Golden Award of Shanghai Workers' Technology Innovation, the Excellent Oral Report of the Annual Meeting of Chinese Orthopaedic Surgeons, the Top Ten Medical Youth of Fudan University, "Outstanding Talents", "Excellent Postdoctoral of Fudan University" and other awards and honorary titles.

Chen Di

Professor

Director of “The research center for computer-aided drug discovery” in the Shenzhen Institutes of Advanced Technology Academy of Sciences

Professer Di focused on the pathogenesis and treatment of bone and joint diseases. Knockout and Knockin mice were mainly used as animal models to study the pathogenesis and treatment of osteoarthritis, ankylosing spondylitis and hereditary bone diseases, and to explore the role of Wnt/β-catenin, TGF-β and AMPK signaling pathways in their occurrence and development. On the basis of this study, new drugs for the treatment of bone and joint related diseases were developed and their clinical application was discussed.

Xiao Guozhi

Professor, Deputy dean of School of Medicine,

Southern University of Science and Technology

Deputy dean of School of Medicine, Southern University of Science and Technology. To investigate the molecular basis of bone development and disease. Published 142 SCI articles, 9 CNS sub-journals, 55 IF > 10 papers, 35 nature index papers, 15 book chapters/paper, 85 abstracts of international conferences, a total of about 14000 citations, a total of about 1370 IF, H index 58; He has hosted many international orthopaedic research conferences, international conferences and more than 190 academic reports of famous universities. He presided over the American R01 (multiple), R21, R03, National natural major, key, overseas senior, NFSC-RGC projects, and the Ministry of Science and Technology 973 and major special projects. International Orthopaedic Research Congress awarded more than 10 times; He is the editorial board member of famous international academic journals such as J Bone Miner Res and J Biol Chem, and the reviewer of about 60 international journals. He is an expert in the review of research grants in China, the United States and Italy, and an outstanding alumnus of Peking University Health Science Center (formerly Beijing Medical University) celebrating its 100th anniversary.

Bai Xiaochun

Dean of School of Basic Medical Sciences

Chang-Jiang Scholar

Southern Medical University

the National Science Fund for Distinguished Young Scholars

Chang-Jiang Scholar, The National Science Fund for Distinguished Young Scholars, dean of School of Basic Medical Sciences,Southern Medical University,supported by National Science Fund for Distinguished Young Scholars,his main interests are: (1) mechanism of bone and joint degeneration; (2) Study on the injury and repair of bone and cartilage tissue. In recent years, it has undertaken 12 major projects, key projects and Jieqing projects of the National Natural Science Foundation, and won 1 second prize of National Science and Technology Progress Award, 1 first prize of Chinese Medical Science and Technology Award, 1 first prize of Natural Science Award of Yunnan Province, and 1 second Prize of Science and Technology Progress Award of Guangdong Province. He has published 95 papers as the first or corresponding author in journals such as Science, Dev Cell, Nat Aging, Blood, PNAS, Ann Rheum Dis, Adv Sci, J Cell Biol, Nat Commun, PLOS Genet, etc. He has cited his papers more than 4,500 times and was selected as one of China's most Cited Scholars in 2020.

Yue Bing

Professor

the National Science Fund for Distinguished Young Scholars

Chief scientist of national key research and development program

From 2008 to 2010, he went to Massachusetts General Hospital Affiliated to Harvard Medical School to complete his doctoral project, specializing in the diagnosis and treatment of knee diseases. Especially good at minimally invasive arthroscopic treatment of knee sports injuries, artificial knee replacement, lower limb deformity orthosis, etc. He has undertaken 2 projects funded by the National Natural Science Foundation, published nearly 30 papers, won the "Shanghai Science and Technology Progress Award" and other awards for 3 times, and has been selected in the "Shanghai Youth Science and Technology Star Program" and "Shanghai Excellent Young Medical Talent Training Program".

Shi Dongquan

Professor

The National Science Fund for excellent Young Scholars

Prof.Dongquan Shi is supported by National Science Fund for Excellent Young Scholars. His clinical direction: adult reconstructive surgery (joint replacement, joint reconstruction) and sports medicine (arthroscopy and rehabilitation). Scientific research achievements: He has made a series of research innovations based on the genetic characteristics of osteoarthritis and the basic application research of cartilage injury repair, and has published 110 papers in ACS Nano, Angew Chem Int Ed Engl, Science Advances, Nano research, Nat Med, Nat Genet, etc. Published SCI papers have been cited for a total of 1890 times, with an average annual citation of 135.0 times and H index of 23. He presided several National Natural Science Foundation of China, and 1 subproject of National Key Research and Development Program of the Ministry of Science and Technology. And he won the second Prize of Natural Science of Ministry of Education in 2014; The first prize of Youth Basic Research Award of Orthopaedic Branch of Chinese Medical Association in 2015; The first prize of Jiangsu Province Science and Technology Progress in 2018 and the second prize of Jiangsu Province Medical Science and Technology Award in 2019.

Li Changjun

Professo

The National Science Fund for excellent Young Scholars

Prof. Changjun Li is supported by National Science Fund for excellent Young Scholars, Distinguished Professor of Xiangya Hospital□his research interest covers the pathogenesis and treatment of degenerative diseases of the muscleskeleton system. He has published more than 10 first/corresponding authored SCI papers in journals of Cell Metab, J Clin Invest and Nat Commu, et al. In total, SCI papers have been cited more than 2200 times. He presided over 5 national subject projects.He won the "Young Scientist Award of ASBMR and ICMRS□The first prize of Natural Science of Hunan Province□The second prize of COA Orthpaedics Youth Research Award by CORS, and the New Star Award of Basic Research of Endocrine Society of Hunan Medical Association."

Lai Yuxiao

Professor

The National Science Fund for excellent Young Scholars

Prof. Yuxiao Lai is the Deputy Director of Medical Engineering Institute, Executive Director of Centre for Translational Medicine Research and Development, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences; Science and Technology Innovation Young Top Talents of Guangdong Provincial. Her main research direction is the research and development and clinical transformation and application of orthopedic implantable functional materials, and her research results have been published 50 papers in Biomaterials, Bioactive Materials, ACS Nano, Chemical Engineering Journal,etc. The research results of "magnesium-containing polymer degradable bone repair materials" have been transformed into technology and industry, and multi-center clinical trials have been carried out through the special approval of NMPA innovative medical devices. Prof. Lai undertaken important projects such as the National Natural Excellent Youth Program, the National Key R&D Program, the "863" Young Scientist Project, and the Innovation Interdisciplinary Team of the Chinese Academy of Sciences. She has won honors such as China Patent Award, Shenzhen Technology Invention Award and Geneva Invention Award, etc.

Smart City Forum

ZHANG Junyi

Professor
foreign academician o
Japanese Academy of Engineering

Junyi Zhang is a full professor in Hiroshima University, a foreign member of The Engineering Academy of Japan, and a World's Top 2% scientist selected by Stanford University. He has been the co-chair of WCTRS (World Conference on Transport Research Society) COVID-19 Task Force, the co-chair of Transportation Planning Subcommittee of WTC (World Transport Convention), and reviewers of European scientific research funds and more than 50 SCI/SSCI-indexed journals. He served as a member of IATBR (International Association for Travel Behaviour Research), the editor-in-chief of Asian Transport Studies, and a member of TRB (Transportation Research Board) subcommittees, etc. His interdisciplinary research fields include transportation planning, transportation engineering, urban and regional planning, environmental and energy policy, health and pandemic policy, planetary health, tourism policy, and human behavior. He has published more than 480 peer-reviewed papers (more than 100 SCI/SSCI papers) in journals such as Nature sub-journals, Transportation Research Part A/B/C/D, Sustainable Cities and Society, Energy, Energy Policy, and Tourism Management. He further published six books and his research was awarded for 12 times by international journals/associations.

ZHOU Wei

Former Chief Engineer
and Director of Policy Research
Office of Ministry of Transport

Zhou Wei, professor, doctoral supervisor, former chief engineer and director of the Policy Research Office of the Ministry of Transport, an expert enjoying special government allowances. He is currently the Chairman of the Expert Committee of the Ministry of Transport. He has served as a Chinese expert member of the 4th, 5th and 6th "China Council for International Cooperation on Environment and Development", chairman of the Transportation Professional Steering Committee of the Higher Education Teaching Steering Committee of the Ministry of Education, member of the Strategic Environmental Assessment Expert Advisory Committee of the Ministry of Environmental Protection, and vice chairman of the 6th and 7th Council of the China Highway and Transport Society. He was elected as a deputy to the 16th and 17th National Congresses of the Communist Party of China.

Prof. Zhou Mainly engaged in highway planning, policy research, highway hub planning, transportation economics and management, highway engineering post-project evaluation and sustainable development of transportation and other fields of research work, has participated in and presided over the completion of more than 50 national, provincial and ministerial level and other scientific research projects, has won 8 provincial and ministerial science and technology progress awards, completed China's future sustainable transportation development strategy and policy research project won the China Environment and Development Outstanding Contribution Award issued by Vice Premier Zengpeiyan in November 2006. He has supervised more than 150 doctoral and master's students, published more than 100 papers and 6 books at home and abroad.

Washington Ochieng

Professor
Fellow of the Royal Academy of
Engineering

Professor Washington Yotto Ochieng, FREng, is the Head of the Department of Civil and Environmental Engineering at Imperial College London, and Chair in Positioning and Navigation Systems and is a Fellow of the Royal Academy of Engineering (RAEng). He is also the Senior Security Science Fellow at the Institute for Security Science and Technology (ISST) at Imperial College London. Formerly, he was the Head of the Centre for Transport Studies and Co-Director of the ISST at Imperial. He is the current Vice President of the Royal Institute of Navigation (RIN).

Prof. Ochieng has undertaken award-winning research in critical infrastructure resilience, user-centric mobility and positioning, navigation and timing (PNT) systems. Examples of his works include the design of positioning and navigation systems (including Europe's EGNOS and GALILEO systems) for land, sea, air and space applications; Air Traffic Management (ATM) and Intelligent Transport Systems (ITS). In 2013, In 2019, he received the Harold Spencer-Jones Gold Medal (the highest award from the RIN) in recognition of his ‘extensive valued advice to policy makers and for pioneering research in safety-critical navigation and positioning systems’.

CHEN Gan

Former Deputy Chief Engineer
of Dongfeng Motor Corporation

Chief Chief Engineer of
Dongfeng Motor Corporation Technology Center

Chief Scientist of Dongfeng
Yuexiang Technology Co., Ltd.

Bachelor and Master of Automotive Engineering Department of Tsinghua University; Doctor, Department of Mechanical Engineering, Imperial College, University of London, UK.

Dr. CHEN Gan engaged in vehicle development and research for more than 30 years, focusing on vehicle dynamics, structural dynamics and simulation analysis. In the past 10 years, the main work is the research on the development of automotive technology strategy. He participated in and presided over the formulation of the 12th, 13th and 14th Five Year Technology Development Plans of Dongfeng Motor Corporation's Technology Center, and participated in the preparation of two automobile new technology R&D enterprises that have a significant impact on the entire automobile industry: China Intelligent and Connected Vehicles (Beijing) Research Institute Co.,Ltd. and China Automative Innovation Corporation.

Expert of the Evaluation Committee of Science and Technology Award Working Committee of China Society of Automotive Engineers; Vice Chairman of NVH Branch of China Society of Automotive Engineers, Vice Chairman of Technical Committee of Chassis Branch; Vice Chairman of National Technical Committee of Auto Standardization (Vehicle Dynamics); Member of Hubei Provincial Expert Advisory Committee on the Construction of a Strong Manufacturing Province; National Distinguished Expert, Hubei Provincial Distinguished Expert; An expert of "Special Government Allowance of the State Council."

ZHANG Lei

Vice President of
Alibaba Cloud Intelligence

Dr. ZHANG Lei is responsible for the construction of Alibaba Cloud's industrial intelligent core technology system, the research and development of products and solutions in industries such as city brain, transportation logistics, automobile and autonomous driving cloud, and natural resources, as well as the overall operation and management of the transportation and logistics industry. Before joining Alibaba Cloud, Dr. Zhang served as a full professor, and an outstanding chair professor in a world-renowned university, the Director of the National Smart City Big Data Center, and the Dean of the Scientific Research Institute of Transportation; He has published many monographs and more than 300 international top journals and top conference papers in big data driven urban planning, transportation, industrial digitalization, complex system analysis and other professional fields. Dr. Zhang has served as the Secretary General of the World Society for Transport and Land Use Research, the academic chairman of the Transport and Logistics Branch of the International Association of Operations Research and Management and has won several heavyweight international scientific research awards.

Information Electronics

Guangwei Hu

Assistant Professor in School of Electronic and Electric Engineering
Nanyang Technological University

Dr. Guangwei Hu is an Assistant Professor in School of Electronic and Electric Engineering, Nanyang Technological University, Singapore. He received the B.Sc. in physics from Harbin Institute of Technology in 2016, Ph.D. degree from National University of Singapore in 2020, and the postdoctoral training in NUS and Stanford University. He was a visiting scholar in UT Austin and CUNY. His research interest is nanophotonics, including theory, numerical modelling, and materials for broad applications including bio-imaging, computations, photonic chips and others. He has published more than 70 papers, including Nature (4), Nature Photonics, e-Light (3), Nature Nanotechnology, Nature Electronics and many others. His work has been featured as the Top 10 Breakthrough in Physics of 2020 by Physics World, Optics and Photonics News (Year of Optics in 2021), China's Top 10 Breakthrough in Optics in 2021, and many others. He received the 20th Anniversary Challenge Award from Optica Foundation, Rising Star of Light in 2020 by Light: Science & Applications, NUS President's Graduate Fellowships and various other awards.

Song Han

Research Professor

Dr. Song Han received his Ph.D. in Physics from Division of Physics and Applied Physics, School of Physical and Mathematical Sciences, Nanyang Technological University (NTU), Singapore in 2020. From 2020 to 2022, he worked as a postdoctoral research fellow in the School of Electrical and Electronic Engineering at NTU, then he became a research professor at Zhejiang University-Hangzhou Global Scientific and Technological Innovation Center since June 2022. His research interests focus on terahertz ultrafast physics, photonics/metamaterials, emerging functional semiconductor lasers, and photonic topological insulators, based on which he has published more than 30 peer-reviewed papers on many high-impact journals, such as Nat. Commun., Adv. Mater., Adv. Funct. Mater., SMALL, ACS NANO, and so on. He also applied for 2 Singapore patents that are under issued.

Yingjie Wu

Research Professor

Dr. Wu's research interests focus on the theories and applications of polaritonics at the subwavelength regime. He gained his Bachelor and Master degrees from Tongji University and PhD degree from Monash University in 2021, researching near-field polariton optics. After that he joined Zhejiang Lab for intelligent perception researches. In 2022 he joined ZJU-HIC. He has published more than ten papers in top journals, such as Nature, Nature Reviews Physics, Nature Communications, and Advanced Materials, and patented 3 inventions. He was awarded 2021 National Chinese Government Award for Outstanding Self-financed Students Abroad.

YongQing Fu

Professor
University of Northumbria at Newcastle

YongQing Fu is a professor in the Faculty of Engineering and Environment, University of Northumbria at Newcastle, UK. He obtained his PhD degree from Nanyang Technological University, Singapore, and then worked as a Research Fellow in Singapore-Massachusetts Institute of Technology Alliance, and a Research Associate in University of Cambridge. He has extensive experience in smart thin films/materials, biomedical microdevices, energy materials, lab-on-chip, micromechanics, MEMS, nanotechnology, sensors and microfluidics. He is associate editors/editorial board members for seven international journals, and has co-organized 12 international conferences worldwide.

Chengjun Wang

Postdoc
Zhejiang University

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