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Haibo Song. China Association of In Vitro Diagnostics, China

Haibo Song, Successively served as Deputy Director of Anhui Provincial Center for Clinical Laboratories, Deputy Chairman of Anhui Micro-Improvement Society, Secretary General of Blood Transfusion Quality Management Committee of Anhui Provincial Health Bureau, Vice Chairman of National Association of Health Industry and Enterprises Management, Chairman of China Association of In Vitro Diagnostics, Secretary General of Experimental Medical Professional Committee, Standing committee member of the National Medical Clinical Laboratory and the Standardization Technical Committee of the In Vitro Diagnostic System, Chief Editor of www.caivd.org and www.caclp.cn, Chief Editor of the editorial board of China IVD Industry Development Year book, Editorial board member of World Journal of Complex Medicine, Chinese Journal of Primary Medicine and Pharmacy and International Journal of Laboratory Medicine and so on, Visiting professor of Tianjin Medical University and Jilin Medical College, Specially-appointed Researcher of China Medical Device Policy Research and Security Evaluation Center.

Zhi Yao, Tianjin Medical University, China

Zhi Yao, served as Director of Key Laboratory of Immune Microenvironment and Diseases of Educational Ministry of China, Member of the State Council Municipal Discipline Appraisal Group, Executive Director of the Chinese Society for Immunology, Chairman of the 7th Chinese Society for Microbiology and Immunology, Director of Tianjin Society for Immunology, Executive Director of Tianjin Union of Life Science Societies. Dr. Yao has been long engaged in research of immune polypeptides in tumorigenesis, and screened several small molecule compounds with specific targets. Two compounds targeting tumor metastasis have acquired clinical trial approvals by the CFDA, which are undergoing phase I and phase III clinical trials, respectively. Dr. Yao earns the title of National Expert with Remarkable Contributions of Ministry of Public Health and receives the State Council special allowance.

Hualiang Wang, Professional Community of Experimental Medicine, China

Hualiang Wang, Doctor of Medicine, second-level Professor, Doctoral Supervisor, special allowance expert of the State Council Government. Now, he serves as Director of Shanghai Clinical Laboratory Center and Editor-in-chief of the Journal of Laboratory Medicine, Director of PCEM (Professional Community of Experimental Medicine). He has successively hosted or participated in more than 20 scientific research projects, such as the 13th five-year major special project, national natural science fund, national postdoctoral fund, major projects of Shanghai, major projects of production, study and research of the municipal science and technology commission, municipal natural science fund, and key projects of the municipal health and family planning commission; he has won the first prize of Shanghai science and technology award, military medical achievement award and so on; He has published many papers in journals such as Science, Clinical Biochemistry, Applied microbiology and biotechnology, Clinical chemistry and laboratory medicine, Accreditation and Quality Assurance and so on.

Gang Han, University of Massachusetts Medical School, USA

Gang Han is currently a Professor in the Biochemistry and Molecular Pharmacology Department at University of Massachusetts Medical School. He received his B.Sc. and M.S. degrees in Chemistry from Nanjing University, and his Ph.D. degree in Chemistry from University of Massachusetts-Amherst. He was a postdoctoral scholar at the Molecular Foundry, Lawrence Berkeley National Lab. Dr. Han has published over 100 papers in Journals such as Cell, Nature, Nature Nanotechnology, Nature Communications, Elife, PNAS, JACS, Angewandte chemie, Advanced Materials, Nano Letters, ACS Nano, which have cited over 11000 times. He was honored awards such as NIH Exceptional Unconventional Research Enabling Knowledge Acceleration (EUREKA) Award, NIH/NCI Innovative Research in Cancer Nanotechnology (IRCN) Award and Human Frontier Science Program Young Investigator Award, Worcester Foundation Mel Cutler Award. His current research focuses on the development of biocompatible functional luminescent nanoparticles and molecules for optical imaging, sensing and light controlled immune-engineering and neuron activation.
Sunita Nagrath, University of Michigan, USA

Sunita Nagrath is an Associate Professor of Chemical Engineering at University of Michigan. Dr. Nagrath did her Bachelor’s degree in Chemical Engineering from Sri Venkateswara University College of Engineering, Tirupathi, India. She received her Ph.D. in 2004 from Rensselaer Polytechnic Institute, Troy, NY in Mechanical Engineering. She did her postdoctoral work (2004-2008) at Harvard Medical/Massachusetts General Hospital, Boston, MA. She later worked as an instructor/junior faculty at Harvard Medical School. Dr. Nagrath is the leading scientist who designed the MEMS based technology, “CTC-Chip” for the sensitive isolation of circulating tumor cells (CTCs) from the blood of cancer patients. Her work challenged and changed the then-current paradigm of CTC isolation and concurrently increased the relevance of CTCs in cancer research, thereby accelerating the pace of CTC research. Dr. Nagrath was awarded the prestigious NIH Director’s New Innovator Award DP2 in 2009. She won many accolades including Lefkofsky scholar award, DOD career development award, and Coulter Translational Research award.

Kun Qian, Shanghai Jiao Tong University, China

Kun Qian is now a principal investigator (PI) at School of Biomedical Engineering, Shanghai Jiao Tong University. He obtained his BS/MS at Fudan University, Ph.D. at University of Queensland, Research Fellow at Stanford University. His research interests and efforts are focused on the development and commercialization of ultra-sensitive and high-throughput bio-analytical methods and mass spectrometry techniques towards large-scale clinical use through design, synthesis, and engineering of materials and devices. He has co-authored over 50 peer-reviewed articles in top international journals, including Nat Com, ACS Cen Sci, Adv Mater, Adv Funct Mater, Adv Sci, ACS Nano et al. Dr. Qian has attracted grants from top research programs (e.g. from NSFC) and received several prestigious domestic/international awards for research excellence. He held several key patents and had strong connections with domestic and international industry partners.

Sierin Lim, Nanyang Technological University, Singapore

Sierin Lim is an Associate Professor of Bioengineering at the School of Chemical and Biomedical Engineering and the Associate Dean for Global Partnerships at the Graduate College, Nanyang Technological University (NTU) Singapore. She earned her B.S. in Chemical Engineering and Ph.D. in Biomedical Engineering from University of California Los Angeles (UCLA) and did a postdoc at UC Irvine. Her group at NTU focuses on the design and engineering of hybrid nano/microscale devices from biological parts by utilizing protein engineering as a tool for applications in medicine, energy, cosmetics, and food.

Jiatao Lou, Shanghai Jiao Tong University, China

Jiatao Lou, Director of Laboratory Medicine Department of Shanghai Chest Hospital, and doctoral supervisor of Shanghai Jiao Tong University School of Medicine. He is vice chairman of Molecular Diagnosis branch of Shanghai Medical Association, standing committee and secretary of Laboratory Medicine branch of Shanghai Medical Association, and chairman of Expert Committee of Experimental Medicine (Youth) in National Association of Health Industry and Enterprise Management. His research areas include early and personal diagnosis of thoracic tumors. He has published more than 20 peer-reviewed articles on international journals including Molecular Cancer, Cancer Research, EMBO J and Advanced Functional Materials, and has been funded by over 10 research programs including 2 from Natural Science Foundation of China.

Zhiming Jiang, Beckman Coulter, China

Zhiming Jiang is VP & GM of Beckman Coulter Diagnostics China. She holds a Bachelor’s degree in Molecular Biology from Nankai University, and a Ph.D. in Microbiology, Immunology and Molecular Genetics Division of Cardiology from UCLA. She specialized in studies of complex diseases including Cardiovascular Diseases and Diabetes, and development of novel therapies. She has won the Pre-doctoral Fellowship from American Heart Association (1999–2001) and the Dorothy Penrose Stout Fellowship Award for the first-rank recipient of the Pre-doctoral fellowship from American Heart Association (1999). She has published articles including ‘Structure, Organization, and Chromosomal Mapping of the Gene Encoding Macrosialin, a Macrophage-restricted Protein. Genomics 50: 199–205.’ and ‘A Genetic Locus in Mice that Blocks the Development of Atherosclerosis Despite Extreme Hyperlipidemia. PNAS, 2001.’ She is the Vice Chairwoman of Laboratory Medicine Committee of China Association of Medical Equipment, Vice Chairwoman of Professional Community of Experimental Medicine (PCEM), Vice Chairwoman of China Medical & Laboratory Integration Alliance, Vice Chairwoman of Laboratory Medicine of Chinese Association of Geriatric Research.