PERSONALIZED MEDICINE AND THE FUTURE OF HEALTH CARE

Through its McDonnell International Scholars Academy, Washington University has developed close, strategic partnerships over the past decade within Greater China. These partners include China Agricultural University, The Chinese University of Hong Kong, Fudan University, Hong Kong University of Science and Technology, National Chiao Tung University, National Taiwan University, Peking University, Tsinghua University, The University of Hong Kong, and Xi’an Jiaotong University.

After several decades of engagement, Washington University is positioned to have an even more substantial presence and impact in greater China. This one-day conference is an opportunity to bring together business leaders, public officials, and university faculty and alumni to explore important issues affecting Greater China today. Washington University’s Forum for Greater China will explore the issues of personalized medicine and the future of healthcare care in order to stimulate additional collaborative research that will advance global solutions to these challenges. Washington University experts will provide insight through two keynote speeches, followed by panel discussions with leading U.S. and Chinese corporate, government, and educational leaders.

AGENDA

1:30 PM Welcome Remarks
MARK S. WRIGHTON
WASHINGTON UNIVERSITY IN ST. LOUIS
Chancellor
Dr. Mark S. Wrighton is Chancellor and Professor of Chemistry at Washington University in St. Louis since July 1, 1995. Since his arrival, Washington University has made unprecedented progress in campus improvement and development, including international reputation, and especially in undergraduate applications and student quality. Chancellor Wrighton served as a presidential appointee to the National Education Forum and the Association of American Universities.

Wrighton has received many awards for his research and scholarly writing, including the distinguished MacArthur Prize. He is also the holder of an honorary doctorate from Fudan University. He is the author of over 300 articles in professional and scholarly journals, is the holder of 16 patents, and has received many honors including an honorary doctorate from Fudan University. He is the author of over 300 articles in professional and scholarly journals, is the holder of 16 patents, and has received many honors including an honorary doctorate from Fudan University.

1:40 - 2:30 PM Keynote Presentation
PERSONALIZED MEDICINE: FROM GENOMIC DISCOVERY TO CLINICAL IMPACT
FRANCIS SESSIONS COLE, MD
WASHINGTON UNIVERSITY IN ST. LOUIS
Francis Sessions Cole, M.D., is the Park J. White, M.D., Professor of Pediatrics and Assistant Vice Chancellor for Clinical Affairs and Professor of Pathology and Immunology at Washington University in St. Louis. Dr. Cole came to Washington University in 1986 after graduating from Yale University School of Medicine and receiving his clinical and post-doctoral training in Pediatrics and Neonatal-Perinatal Medicine at Boston Children’s Hospital and Harvard Medical School. His interest in newborn infants has led him to apply state of the art, personalized medicine techniques to discover new genetic causes of structural birth defects and of respiratory failure in full-term infants.

Leading local, national and international interdisciplinary teams of investigators, he has also discovered new genetic diseases, expanded phenotypes of known genetic diseases, and suggested novel therapeutic strategies. He leads the National Institute of Health-funded Washington University Undiagnosed Diseases Network Clinical Site, which is focused on shortening the diagnostic journeys of both pediatric and adult patients with undiagnosed diseases by leveraging the rich personalized medicine resources at Washington University.

2:35 - 3:25 PM Panel Discussion
BUSINESS STRATEGIES FOR THE FUTURE OF HEALTHCARE
FRANK JIANG, Medical School Fellowship CEO, Clineone Pharmaceuticals Co Ltd
GUO MILLS, EMOF’11 CEO, Manulife Hong Kong
SEAN SHAN, EMOF’08 President, Takeda China and Asia Head, Takeda Greater China
JUSTIN XIANG, EN’04, GR’13 Chief Investment Officer and Co-Founder, Syno Capital

3:55 PM Introduction of Dr. Robert Schreiber, PhD
JAMES V. WERTSCH
WASHINGTON UNIVERSITY IN ST. LOUIS
James Wertsch is the David R. Francis Distinguished Professor, Director of the McDonnell International Scholars Academy, and Professor of Anthropology at Washington University. Wertsch received his Ph.D. at the University of Chicago and spent a postdoctoral fellowship in Moscow at Moscow State University. He has also been a visiting professor at the University of Utrecht, Moscow State University, the University of Wurzburg, and the University of Oslo. Wertsch is a Fellow of the American Academy of Arts and Sciences and serves as a guest professor at the University of Oslo in Norway, Tsinghua University in Beijing, and at Fudan University in Shanghai.

4:00 - 5:00 PM Keynote Presentation
IMMUNOLOGICAL APPROACHES TO MANAGING DISEASE
ROBERT D. SCHREIBER, PHD
WASHINGTON UNIVERSITY IN ST. LOUIS
Dr. Schreiber is the Director of the Bursky Center for Human Immunology and Infectious Disease Programs, an Extramural Member Researcher of the Parker Institute for Cancer Immunotherapy; Associate Director of the SAB to the CRI; and a member of the BSA to the NCI. He has authored over 300 publications and has received many honors including the William Coley Award for Distinguished Research in Basic and Tumor Immunology from the CRI; the Charles Rodolphe Brupbacher Prize for Cancer Research; the Lloyd J. Old Prize in Cancer Immunology awarded by the AACR and the CRI and the Balzan Prize (shared with James Allison): Immunological Approaches in Cancer Therapy. Schreiber also serves as a Fellow of the American Association for the Advancement of Science, a member of the American Academy of Arts and Sciences and the U.S. National Academy of Sciences.

5:05 - 5:45 PM Panel Discussion
TRENDS IN THE SCIENCE AND PRACTICE OF PERSONALIZED MEDICINE IN GREATER CHINA
PUI-YAN KWOK Director, Institute of Biomedical Sciences Academia Sinica
JIN LI Vice President, Fudan University
JOSEPH J.Y. SUNG Professor, The Chinese University of Hong Kong

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