

Welcome to the 5th International Conference of Genomics in Shenyang (ICG-2018-SY)!

Dear friends and colleagues,

2018 marks the 30th anniversary of the historic report – Mapping and Sequencing the Human Genome – published by the US National Research Council in 1988. It is this particular report proposed detailed rationales and scientific plans for the Human Genome Project (HGP), the international effort that eventually delivered the human genome sequence assemblies some 15 years ago. Another report published by the same Council in 2011 proposed the sequel of HGP: Toward Precision Medicine. Genomics has thus entered a New Era where research and application efforts of biomedical research and medicine are to be merged together for healthcare benefits of the human society. As similar efforts have been initiated in many nations around the Globe, it is time for us all to be actively engaged.

The field genomics or precision medicine has now facing many new challenges, including novel theoretical frameworks for future fields integration, new technologies to meet the increasing demands for new and big data, platforms to integrate and to organize data into knowledge networks for efficient applications, and effective connections to collaborate with physicians for better disease treatments. The list can easily go on into a full page and even pages as thoughts flow out of multiple brains.

With all these in mind, Beijing Institute of Genomics, Chinese Academy of Sciences (CAS), joined by Genetics Society of China, China Association of Rehabilitation Technology Transformation and Promotion, and Chinese Medical University, organizes the 5th International Conference of Genomics or ICG-2018-SY, which will be held from September 27th to 29th, 2018 (afternoon-evening lectures on 27th and two full-day meeting on 28th and 29th). We would like to invite the field's leading scientists around the Globe and in China to come together and to share their insights on the recent progress in genomics and precision medicine to discuss challenges and future directions within and beyond the fields.

As the chair of ICG-2018-SY, I am honored to invite you to join us! We are looking forward to meeting you in Shenyang!

Sincerely,



Jun Yu, Ph.D.
Chair, ICG 2018
Shenyang, China