SECOND ANNOUNCEMENT!
31 Oct – 2 Nov 2018
Clinical Genetics & Genomics Meeting (APSHG AUTUMN SCHOOL)
3 Nov – 4 Nov 2018
Post-meeting workshop:
NGS Analysis & Clinical Curation Workshop

VENUE:
CeLS
Centre for Life Sciences
National University of Singapore
28 Medical Drive
Singapore 117456

Registration at:
www.apshg.info
Enquiries:
secretariat.meeting2018@gmail.com

Chair:
Assoc Prof Lai Poh San
Dept of Paediatrics, NUHS
President, BRETSS
President Emeritus, APSHG
Co-chair:
Assoc Prof Roger Foo
Genome Institute of Singapore (GIS), A*STAR

Co-organized by:
Biomedical Research & Experimental Therapeutics Society of Singapore (BRETSS)

Asia Pacific Society of Human Genetics (APSHG)

Supported by:

APSHG AUTUMN SCHOOL 2018

About the meeting:

The Asia Pacific Society of Human Genetics (APSHG) educational school outreach will be held for the first time in Singapore in Oct this year. This meeting aims to share the latest applications of next-gen sequencing (NGS) in clinical settings and discuss current approaches, technological advances and challenges in solving genetic disorders. An exciting line-up of international and local experts will serve as lecturers and panelists. We are privileged to have the President-Elect of the American Society of Human Genetics and a past President of the European Society of Human Genetics among our speakers!

Proposed topics will cover:

- ✓ Implementing NGS in the clinic
- ✓ Rapid Exome Sequencing in the Clinic
- ✓ The More, the Better? Panels, Exomes, or Genomes?
- ✓ Challenges in Interpretation of Genomic Reports in the Clinic
- ✓ Prenatal NGS Diagnosis in the Clinic
- ✓ From newborn screening to whole genome sequencing
- ✓ The Pathogenicity Classification of Genomic Variants
- ✓ Identification of Mosaicism in NGS data
- ✓ Cloud genomics and NGS data computing
- ✓ Improving WES and low frequency mutation detection
- ✓ Long Read Sequencing for Detecting Clinically Relevant Structural Variation
- ✓ Phenotyping Apps based on deep learning and artificial intelligence to diagnose genetic disorders
- ✓ Identifying Rare genes in Clinical Sequencing
- ✓ The Natural History of Genetic Disorders: the Centrepiece of the "Central Dogma" of Clinical Genetics
- ✓ Genetics and Genomics of Brain Development
- ✓ The role of NGS in Precision Medicine for Molecular Diagnostics of Cancer
- ✓ Clinical Reasoning in the Genomic Era
- ✓ Integrating Genome Sequencing into Clinical Care: Lessons from CSER Consortium
- ✓ SG10K; Characterizing Genetic Variation for Precision Medicine
- ✓ Precision medicine for diabetes
- ✓ eMERGE: Combining Biorepositories with Electronic Medical Record (EMR) Systems for Genomic Discovery and Genomic Medicine Implementation – What we have learned from the return of unsolicited genomic results
- ✓ Contemporary issues in genetic counselling
- ✓ Psycho-Oncology: Lessons Learned from Challenging Cancer Genetic Counseling Cases
- ✓ Forum discussion and more!

Opportunities for oral presentations (case studies) and poster papers! Reduced fees available for institutional registrations.

Abstract submission closes on 21 Sept!!!

3 Best Poster and 2 Best Oral Presentation Prizes ($200 each)