

**THE UNIVERSITY OF HONG KONG (HKU)**  
**Department of Obstetrics and Gynaecology**  
**Assisted Reproductive Technology Unit**

**Assisted Reproduction Programme**  
**40th Anniversary Symposium**

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Date:</b>                 | 31 October to 1 November 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Venue:</b>                | Cheung Kung Hai Lecture Theatre 1, William M.W. Mong Block, 21 Sassoon Road, Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Theme:</b>                | ART: From Foundational Discoveries to Precision Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Symposium Objectives:</b> | <ul style="list-style-type: none"> <li>• To commemorate 40 years of pioneering contributions to assisted reproductive technology (ART) by HKU and the global scientific community.</li> <li>• To provide a platform for leading experts to share insights on current best practices, emerging technologies, and future directions in reproductive medicine.</li> <li>• To foster discussion on the ethical, psychological, and societal dimensions of ART.</li> <li>• To promote networking and collaboration among clinicians, embryologists, researchers, nurses, and students in the field.</li> </ul> |
| <b>Target Audience:</b>      | Reproductive Endocrinologists, Gynaecologists, Urologists, Clinical Embryologists, Reproductive Nurses, Genetic Counsellors, Scientists, Researchers, and Medical Students.                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Program (Preliminary)

**31 Oct 2026 (Saturday)**

| Time                                                                                                                                                        | Session                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00 – 08:30                                                                                                                                               | <b>Registration &amp; Welcome Coffee</b>                                                                                                                                                                                            |
| 08:30 – 08:45                                                                                                                                               | <b>Opening Ceremony</b>                                                                                                                                                                                                             |
| <b>Chairperson:</b><br>Professor Kui LIU (The University of Hong Kong, Hong Kong) and<br>Professor Tianren WANG (The University of Hong Kong, Hong Kong)    |                                                                                                                                                                                                                                     |
| 08:45 – 09:30                                                                                                                                               | <b>Keynote I: Evidence-based practice in IVF</b><br>Speaker: Professor Ernest Hung Yu NG (The University of Hong Kong, Hong Kong)                                                                                                   |
| 09:30 – 10:30                                                                                                                                               | <b>Session 1: Ovary I</b>                                                                                                                                                                                                           |
|                                                                                                                                                             | <b>Determinants and Prediction of IVF Outcome: Lessons from the Past 40 Years and Directions for the Future</b><br>Speaker: Professor Emre SELI (Yale School of Medicine, United States of America)                                 |
|                                                                                                                                                             | <b>Rejuvenation of Aged Oocytes Through Exposure to a Young Follicular Microenvironment</b><br>Speaker: Professor Rong LI (National University of Singapore, Singapore)                                                             |
| 10:30 – 11:00                                                                                                                                               | <b>Coffee Break &amp; Networking</b>                                                                                                                                                                                                |
| <b>Chairperson:</b><br>Professor Pengtao LIU (The University of Hong Kong, Hong Kong) and<br>Dr. William Wai Ki SO (The University of Hong Kong, Hong Kong) |                                                                                                                                                                                                                                     |
| 11:00 – 11:45                                                                                                                                               | <b>Loke Foundation Lecture: Cutting-Edge Live Image and Genome Editing of Human Embryos Reveals the Timing and Mechanisms Regulating Embryogenesis</b><br>Speaker: Professor Kathy NIAKAN (University of Cambridge, United Kingdom) |



|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11:45 – 12:45                                                                                                                                                                                                                                   | <b>Session 2: Embryo &amp; Implantation I</b>                                                                                                                                                              |
|                                                                                                                                                                                                                                                 | <b>Time-lapse Assessment: Is it Better than Morphological Method?</b><br>Speaker: Professor David Yiu Leung CHAN (The Chinese University of Hong Kong, Hong Kong)                                          |
|                                                                                                                                                                                                                                                 | <b>Use of Omics in Embryo Selection: Is it the Future?</b><br>Speaker: Dr. Andy Chun Hang CHEN (The University of Hong Kong, Hong Kong)                                                                    |
| 12:45 – 14:15                                                                                                                                                                                                                                   | <b>Lunch Symposium / Poster Viewing</b>                                                                                                                                                                    |
| <b>Chairperson:</b><br>Professor Richard Kwong Wai CHOY (The Chinese University of Hong Kong, Hong Kong), Dr. Anita Sik Yau KAN (The University of Hong Kong, Hong Kong) and Dr. Judy Fung Cheung CHOW (The University of Hong Kong, Hong Kong) |                                                                                                                                                                                                            |
| 14:15 – 15:00                                                                                                                                                                                                                                   | <b>Keynote II: Spatiotemporal Transcriptome Atlas of Human Embryos After Gastrulation</b><br>Speaker: Professor Hefeng HUANG (Zhejiang University School of Medicine, China)                               |
| 15:00 – 16:00                                                                                                                                                                                                                                   | <b>Session 3: Preimplantation Genetic Testing</b>                                                                                                                                                          |
|                                                                                                                                                                                                                                                 | <b>Preimplantation Genetic Testing for Aneuploidy: What is its Role in Assisted Reproduction?</b><br>Speaker: Professor Yuanqing YAO (Chinese PLA General Hospital, China)                                 |
|                                                                                                                                                                                                                                                 | <b>Clinical Application of Preimplantation Genetic Testing for Aneuploidy Origin</b><br>Speaker: Professor Yanwen XU (First Affiliated Hospital, Sun Yat-Sen University, China)                            |
| 16:00– 16:30                                                                                                                                                                                                                                    | <b>Coffee Break &amp; Networking</b>                                                                                                                                                                       |
| <b>Chairperson:</b><br>Professor Calvin Kai Fai LEE (The University of Hong Kong, Hong Kong) and Professor Jennifer Ka Yee KO (The University of Hong Kong, Hong Kong)                                                                          |                                                                                                                                                                                                            |
| 16:30 – 17:00                                                                                                                                                                                                                                   | <b>Dr. Josephine Lai Chun NG Memorial Lecture: How Psychological Support Helps in the Journey of Fertility Treatment</b><br>Speaker: Professor Celia Hoi Yan CHAN (The University of Melbourne, Australia) |



|               |                                                                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17:00 – 18:00 | <b>Session 4: Stem Cell</b>                                                                                                                                   |
|               | <b>Human Induced Pluripotent Stem Cell-Derived Ovarian Support Cells for IVF</b><br>Speaker: Professor Christian C. KRAMME (Gameto, United States of America) |
|               | <b>Manipulation of Endometrial Niche for Endometrial Repair</b><br>Speaker: Dr. Rachel Wah Shan CHAN (The University of Hong Kong, Hong Kong)                 |

### 1 November 2026 (Sunday)

| Time                                                                                                                                                                     | Session                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00 – 08:30                                                                                                                                                            | <b>Registration &amp; Welcome Coffee</b>                                                                                                                                         |
| <b>Chairperson:</b><br>Professor Raymond Hang Wun LI (The University of Hong Kong, Hong Kong) and<br>Dr. Flora Oi Shan TANG (Hong Kong Sanatorium & Hospital, Hong Kong) |                                                                                                                                                                                  |
| 08:30 – 09:15                                                                                                                                                            | <b>Keynote III: Infertility Treatment of Advanced Aged Women</b><br>Speaker: Professor Jie QIAO (Peking University Third Hospital, China)                                        |
| 09:15 – 10:15                                                                                                                                                            | <b>Session 5: Sperm</b>                                                                                                                                                          |
|                                                                                                                                                                          | <b>Basic Semen Analysis: Is There Any Improvement?</b><br>Speaker: Dr. Kevin Ka Wai LAM (The University of Hong Kong, Hong Kong)                                                 |
|                                                                                                                                                                          | <b>Using the Oocyte's Perspective for Sperm Selection in Clinical Assisted Reproduction</b><br>Speaker: Professor Philip Chi Ngong CHIU (The University of Hong Kong, Hong Kong) |
| 10:15 – 10:45                                                                                                                                                            | <b>Coffee Break &amp; Networking</b>                                                                                                                                             |
| <b>Chairperson:</b><br>Professor Ernest Hung Yu NG (The University of Hong Kong, Hong Kong) and<br>Professor Rong LI (National University of Singapore, Singapore)       |                                                                                                                                                                                  |



|                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:45 – 11:30                                                                                                                                                                    | <b>Keynote IV: Mitochondria as Determinants of Ovarian and Reproductive Aging: From Biology to Fertility Treatment</b><br>Speaker: Professor Emre SELI (Yale School of Medicine, United States of America)                                                                                                                                                                              |
| 11:30 – 12:30                                                                                                                                                                    | <b>Session 6: Ovary II</b><br><b>The Ovarian Stroma as a Therapeutic Target for Premature Ovarian Insufficiency (POI) and Diminished Ovarian Reserve (DOR)</b><br>Speaker: Professor Kui LIU (The University of Hong Kong, Hong Kong)<br><b>Poor Ovarian Responders: Any Effective Treatment Available?</b><br>Speaker: Professor Tianren WANG (The University of Hong Kong, Hong Kong) |
| 12:30 – 14:00                                                                                                                                                                    | <b>Lunch Symposium / Poster Viewing</b>                                                                                                                                                                                                                                                                                                                                                 |
| <b>Chairperson:</b><br>Professor William Shu Biu YEUNG. (The University of Hong Kong, Hong Kong) and<br>Professor Philip Chi Ngong CHIU (The University of Hong Kong, Hong Kong) |                                                                                                                                                                                                                                                                                                                                                                                         |
| 14:00—14:45                                                                                                                                                                      | <b>Professor Pak Chung HO Lecture: The Endometrium - From Bench-To bed-To the Hands of Women</b><br>Speaker: Professor Kristina GEMZELL-DANIELSSON (Karolinska Institutet, Sweden)                                                                                                                                                                                                      |
| 14:45 – 15:45                                                                                                                                                                    | <b>Session 7: Embryo &amp; Implantation II</b><br><b>Simulation of Human Embryo Implantation in vitro</b><br>Speaker: Professor Kathy NIAKAN (University of Cambridge, United Kingdom)<br><b>Could Artificial Intelligence Identify Embryos with Implantation Potential?</b><br>Speaker: Professor Yuanhua HUANG (The University of Hong Kong, Hong Kong)                               |
| 15:45 – 16:15                                                                                                                                                                    | <b>Coffee Break &amp; Networking</b>                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chairperson:</b><br>Dr. Sue Seen Tsing LO (The Family Planning Association of Hong Kong, Hong Kong) and<br>Dr. Carina Chi Wai CHAN (The University of Hong Kong, Hong Kong)   |                                                                                                                                                                                                                                                                                                                                                                                         |



|                                                                                                                                                                      |                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16:15 – 17:15                                                                                                                                                        | <b>Session 8: Reproductive Health</b>                                                                                                                         |
|                                                                                                                                                                      | <b>What is the Significance of Chronic Endometritis?</b><br>Speaker: Professor Tin Chiu LI (The Chinese University of Hong Kong, Hong Kong)                   |
|                                                                                                                                                                      | <b>The Future of Emergency Contraception</b><br>Speaker: Professor Raymond Hang Wun LI (The University of Hong Kong, Hong Kong)                               |
| <b>Chairperson:</b><br>Professor Kristina GEMZELL-DANIELSSON (Karolinska Institutet, Sweden) and<br>Dr. Yu LI (The University of Hong Kong-Shenzhen Hospital, China) |                                                                                                                                                               |
| 17:15 – 18:15                                                                                                                                                        | <b>Session 9: Endometrial Receptivity</b>                                                                                                                     |
|                                                                                                                                                                      | <b>Single Cell Analysis for Endometrial Receptivity Assessment</b><br>Speaker: Dr. Dandan CAO (The Hong Kong University - Shenzhen Hospital, Shenzhen, China) |
|                                                                                                                                                                      | <b>How to Assess Endometrial Receptivity in Clinical Practice?</b><br>Speaker: Dr. Cherie Yin Lau LEE (The University of Hong Kong, Hong Kong)                |
| 18:15 – 18:30                                                                                                                                                        | <b>Closing Remarks</b>                                                                                                                                        |