Prof Liona Poon is the Chairperson and Professor of Obstetrics and Gynecology and an Academic Subspecialist in Maternal Fetal Medicine at the Chinese University of HK, HKSAR China, and Visiting Professor at Department Women and Children's Health, King's College London, London, UK. She is devoted in improving maternal and fetal health. She has had a prolific research output throughout her clinical and research posts, including >250 peer-reviewed publications in high impact international journals (H-index 66). In the last 18 years she has focused her research on establishing a programme for effective early prediction and prevention of preeclampsia, a major cause of maternal and perinatal morbidity and mortality. With her success in developing a first-trimester prediction model for preeclampsia using maternal risk factors, ultrasound, blood pressure and biochemical markers, and on Aspirin prophylaxis against preeclampsia, her goal in the next 10 years is to improve obstetric care worldwide, through clinical research, education and advocacy. During the COVID-19 pandemic, she has been instrumental in establishing a series of guidelines, safety and consensus statements for the safe management of pregnant women affected by COVID-19. Her latest work has evaluated the temporal changes in amount and neutralizing activity of SARS-CoV-2 antibodies in breast milk stimulated by natural infection and vaccination.

Present appointments
Chairperson and Clinical Professor, Department of Obstetrics and Gynaecology, The Chinese University of Hong Kong
Visiting Professor, Department of Women and Children's Health, King's College London
Visiting Professor, The First Affiliated Hospital Sun Yat-sen University, China.
Adjunct Professor, Mahidol University, Thailand.
Guest Professor, School of Obstetrics and Gynecology, School of Medicine, Zhejiang University, China.

External research commitments
President Elect, International Society of Ultrasound in Obstetrics and Gynecology
Member, Expert Panel of Reference Frameworks (Expert Panel)
Member, Advisory Group on Hong Kong Reference Framework for Woman Health in Primary Care Settings
Chair of FIGO Committee on Impact of Pregnancy on Long-term Health
Deputy Editor-in-Chief, Maternal-Fetal Medicine
Chairperson, Preliminary Investigation Committee, Midwives Council of Hong Kong
Treasurer, O&G Trust Fund, Hong Kong

Chairperson, Expert Subcommittee on COVID-19 vaccination in pregnancy, The Hong Kong College Of Obstetricians and Gynaecologists
Founding Board Member, The International Foundation for "Maternal, Periconceptional and Peri-Neonatal Medicine"
Committee Member, European Association for the Study of the Liver, Clinical Practice Guidelines on Liver Disease and Pregnancy
Council member, Midwives Council of Hong Kong
Deputy Chairman, Chinese Academy of Maternal Fetal Medicine
Trustee and Board Member, International Society of Ultrasound in Obstetrics and Gynecology (ISUOG)
Editor, Ultrasound in Obstetrics and Gynecology
International Faculty, International Society of Ultrasound in Obstetrics and Gynecology
Editorial Board member, Fetal Diagnosis Therapy
Member of British Maternal Fetal Medicine Society

Notable publications
1. Poon LC, Rolnik DL, Tan MY, Delgado JL, Tsokaki T, Akolekar R, Singh M, Andrade W, Efeturk T, Jani JC, Plasencia W, Papaioannou G, Blazquez AR, Carbone IF, Wright D, Nicolaides KH. ASPRE trial: incidence of preterm preeclampsia in patients fulfilling ACOG and NICE criteria according to risk by the FMF algorithm. Ultrasound Obstet Gynecol 2018 Jan 30. doi: 10.1002/uog.19019. [Epub ahead of print]
2. Poon LC, Wright D, Rolnik DL, Syngelaki A, Delgado JL, Tsokaki T, Leipold G, Akolekar R, Shearing S, De Stefani L, Jani JC, Plasencia W, Evangelinakis N, Gonzalez-Vanegas O, Persico N, Nicolaides KH. ASPRE trial: effect of aspirin in prevention of preterm preeclampsia in subgroups of women according to their characteristics and medical and obstetrical history. American J Obstet Gynecol. 2017 Aug 4. pii: S0002-9378(17)30929-8. doi: 10.1016/j.ajog.2017.07.038. [Epub ahead of print]
3. Rolnik DL, Wright D, Poon LC, O'Gorman N, Syngelaki A, de Paco Matallana C, Akolekar R, Cicero S, Janga D, Singh M, Molina FS, Persico N, Jani JC, Plasencia W, Papaioannou G, Tennebaum Gavish K, Meiri H, Gizurarson S, Maclagan K, Nicolaides KH. Aspirin versus Placebo in Pregnancies at High Risk of Preterm Preeclampsia. New England Journal Medicine 2017, 2017 Jun 28. doi: 10.1056/NEJMoa1704559. [Epub ahead of print].
4. O'Gorman N, Wright D, Poon LC, Rolnik DL, Syngelaki A, Wright A, Akolekar R, Cicero S, Janga D, Jani J, Molina FS, de Paco Matallana C, Papantoniou N, Persico N, Plasencia W, Singh M, Nicolaides KH. Accuracy of competing risks model in screening for pre-eclampsia by maternal factors and biomarkers at 11-13 weeks' gestation. Ultrasound Obstet Gynecol. 2017 Jan 9. doi: 10.1002/uog.17399. [Epub ahead of print].
5. Poon LC, Kametas NA, Maiz N, Akolekar R, Nicolaides KH. First-trimester prediction of hypertensive disorders in pregnancy. Hypertension 2009; 53: 812-818.

Field: Obstetrics, Maternal Fetal Medicine

Research interest: fetal anomaly screening 1st trimester and 2nd trimester; fetal biometry and wellbeing; fetal anomalies screening; aneuploidy screening; fetal anomalies; fetal growth restriction; maternal and fetal Doppler; multiple pregnancy; preeclampsia; preterm delivery; fetal growth; detection of fetal and neonatal growth abnormalities; fetal neurosonography; ultrasound on labor ward.

Languages: English; Chinese (Mandarin); Chinese (Cantonese)