



Japan

Branch established (year): 1998

Name of director: Ritsuko Kimata Pooh, Founding director: Kazuo Maeda;

Title: Professor

Affiliation: CRIFM Clinical Research Institute of Fetal Medicine PMC

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Director's photo



Short CV:

1. Education and training

- 1983 LL.B (Bachelor of Laws) at Dept. of Law, Keio University, Tokyo, Japan
- 1990 M.D. at School of Medicine, Tokushima University, Japan
- 1999 Ph.D. at School of Medicine, Tokushima University, Japan
- 2018 M.Sc. at Chinese University of Hong Kong, Hong Kong

2. Work experience

- 2003-2006 Head of Ob/Gyn, Division of Maternal Fetal Medicine, Center for Maternal Fetal and Neonatal Medicine, National Kagawa Children's Hospital, Japan
- 2006-present President, CRIFM Clinical Research Institute of Fetal Medicine PMC, Osaka, Japan
- 2009- present CEO, Ritz Medical Co.,Ltd., Osaka, Japan
- 2011- present Professor at Department of Health Science, Dubrovnik International University, Dubrovnik, Croatia
- 2013- present Honorary Professor at Pirogov Russian National Research Medical University, Moscow, Russia

- 2018-present Adjunct Professor at Wayne State University School of medicine, Detroit, USA

3. Publication and Research

(backwards from 2018 down)

Pooh RK, Machida M, Nakamura T, Uenishi K, Chiyo H, Itoh K, Yoshimatsu J, Ueda H, Ogo K, Chaemsaitong P, Poon LC. Maldevelopment of Sylvian fissure as an early sonographic sign of neuronal migration disorder. *Ultrasound Obstet Gynecol.* 2018 Oct 31. doi: 10.1002/uog.20171.

Poon LC, Sahota D, Chaemsaitong P, Nakamura T, Machida M, Naruse K, Wah IYM, Leung TY, Pooh RK. Transvaginal three-dimensional assessment of Sylvian fissures at 18-30 weeks' gestation. *Ultrasound Obstet Gynecol.* 2018 Oct 31. doi: 10.1002/uog.20172

Pooh RK. Sonoembryology by 3D HDlive silhouette ultrasound - what is added by the "see-through fashion"? *J Perinat Med.* 2016 Mar 1;44(2):139-48.

Pooh RK. Novel Application of HDlive Silhouette and HDlive Flow Clinical Significance of the 'See-through Fashion in Prenatal Diagnosis. *Donald School Journal of Ultrasound in Obstetrics and Gynecology*, January-March 2016; 10(1): 90-98

She published 80 original scientific papers 80 review articles and the books; *An Atlas of Fetal Central Nervous System, Diagnosis and Management* in 2003, *Fetal Neurology* in 2009, *Atlas of Advanced Ultrasound in Obstetrics and Gynecology* in 2015.

Her remarkable research on fetal brain has been internationally approved by perinatologists as well as neurologists and neurosurgeons. Her early detection of fetal abnormalities in 'Sonoembryology' is really art of science in the uterus. Furthermore, she has been establishing a new field of Sonogenetics, combining detailed sonogram with cytogenetics and molecular genetics. Her sonogram of fetal brain morphology and vascularity is really scientific as well as artistic and they have been displayed at NIH Perinatal Research Branch in Detroit, USA.

Awards

2011 Alfred Alfred Kratochwil Award of International Society of Ultrasound in Obstetrics and Gynecology

2015 Lifetime achievement award of the World Association of Perinatal Medicine during the World Congress of Perinatal Medicine

2016 Sir William Liley medal at the International Congress of the Fetus as a Patient International society

4. Professional Membership

- International Academy of Perinatal Medicine - Vice President
- Ian Donald Inter-University School of Medical Ultrasound - Executive Board
- Ian Donald Inter-University School of Medical Ultrasound, Japanese Branch - National Director
- International Society of Ultrasound in Obstetrics and Gynecology - International Faculty
- Donald School Journal of Ultrasound in Obstetrics and Gynecology - Executive Editor
- The International Society of "The Fetus as a Patient" - International Board
- World Association of Perinatal Medicine

- Romanian Association of Perinatal Medicine - Honorary Member
- American Journal of Pediatrics (ISSN:0022-3476) - Editorial Board
- Journal of Perinatal Medicine (ISSN:0300-5577) - Editorial Board
- Human Genetics & Embryology (ISSN:2161-0436) - Editorial Board
- Perinatal Journal (ISSN:1305-3124) - Editorial Board
- The Taiwan Journal of Obstetrics and Gynecology (ISSN:1028-4559) - Editorial Board
- Donald School Journal of Ultrasound in Obstetrics & Gynecology (ISSN:0973-614X) - Editorial Board
- Ginekologia Polska (Polish Journal of gynecology)(ISSN: 00170011) - Editorial Advisory Board
- Japan society of Perinatal Neonatal Medicine - Board Member
- The Japanese Society of Child Neurology - Board Member
- Japanese Society for Genetic Counseling - Board Member
- The Japan Society of Obstetrical, Gynecological & Neonatal Hematology - Board Member
- Japan Society of Obstetrics and Gynecology
- Japan Society of Maternal Fetal Medicine
- The Japan Society of Ultrasonics in Medicine
- The Japan Society of Human Genetics
- Japan Society for the Study of Hypertension in Pregnancy
- The Japan Academy of Neurosonology
- Japan Society of Clinical Genetics in Obstetrics and Gynecology

Activities of the branch up to now

From 1998, 20 annual courses have been organized in various places in Japan and 10 advanced courses mainly in Osaka. At present, Ian Donald Inter-University School in Japan is the representative of ultrasound education in Obstetrics and Gynecology. Every year, high-level and comprehensive lectures and live scans are delivered by international and local experts

Plans of the branch for the future

Recently, advanced courses have been organized in English language aiming to encourage young researchers for presentation and discussion in the international conferences.

Photographs of the branch office and city where the branch is situated



