



## CURRICULUM VITAE

**Name** **Ritsuko Kimata POOH, MD, PhD**

**Position 1.** President, CRIFM Clinical Research Institute of Fetal Medicine PMC, Japan

**Position 2.** Honorary Professor, Pirogov Russian National Research Medical University, Moscow, Russia

**Position 3.** Professor, Department of Health Science, Dubrovnik International University, Dubrovnik, Croatia

### **Institute**

CRIFM Clinical Research Institute of Fetal Medicine PMC  
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### **Education**

LL.B (Bachelor of Laws) Dept. of law, Keio University, Tokyo, Japan, 1983  
M.D. School of Medicine, Tokushima University, Tokushima, Japan, 1990  
Ph.D. School of Medicine, Tokushima University, Tokushima, Japan, 1999

### **Academic and institutional positions held to date**

Residency	Tokushima University	1990-1991
Fellowship		
	Tokushima Municipal Hospital	1991-1993
	Kochi Municipal Hospital	1993-1995
	Tokushima University	1995-1997
	National Zentsuji Hospital, Clinical Research Institute	1997-2000
Director		
	Dept. of Perinatology, Taijukai-Kaisei General Hospital	2000-2003
Director	Division of Maternal Fetal Medicine, Center for Maternal, Fetal and Neonatal Medicine, Kagawa National Children's Hospital,	2003-2006
President	CRIFM Clinical Research Institute of Fetal Medicine PMC	2006-
Visiting Professor	Cornell University, New York, USA	2006
Professor	Department of Health Science, Dubrovnik International University, Dubrovnik, Croatia	2011-
Honorary Professor	Pirogov Russian National Research Medical University, Moscow, Russia	2013-

**Specialty** Fetal Ultrasound, Central Nervous System, Neurosonography, Sonoembryology, Sonogenetics

### **Society member**

- ◆ Japanese Perinatal Neonatal Society Board member
- ◆ Japan Maternal Fetal Society
- ◆ Japanese Society of Ultrasound in Medicine
- ◆ Ian Donald Inter-University School of Medical Ultrasound, Japanese Branch National Director
- ◆ Ian Donald Inter-University School of Medical Ultrasound Executive Director
- ◆ Ian Donald Inter-University School of Medical Ultrasound (Asia) Regional Director
- ◆ Journal of Donald School Medical Ultrasound Executive Editor
- ◆ The Society of “The Fetus as a Patient” International Board
- ◆ World Association of Perinatal Medicine Board Member
- ◆ The Ultrasound Review of Obstetrics and Gynecology Editorial Board
- ◆ The Taiwan Journal of Obstetrics and Gynecology Editorial Board
- ◆ Perinatal Journal” (ISSN:1303-3124) Editorial Board
- ◆ Journal of Perinatal Medicine Editorial Board
- ◆ Global Congress of Maternal and Infant Health International Educational Committee member
- ◆ **International Academy of Prenatal Medicine Regular member**
- ◆ Romanian Association of Perinatal Medicine Honorary Member

### **Award**

Alfred Alfred Kratochwil Award, ISUOG, Los Angeles, 2011

### **Educational Activities**

- ◆ Annual course of Japan Ian Donald Inter-University School of Medical Ultrasound from 1998 to 2011 (13 Meetings)
- ◆ Advanced Courses of Japan Ian Donald Inter-University School of Medical Ultrasound from 2008 to 2012 (5 Meetings)
- ◆ Lectures on Fetal Imaging at Cornell University (2006)
- ◆ Lecturing and Practical Education of Fetal Ultrasound
  - ◆ Perinatology Research Branch, NIH, Detroit, USA (2008)
- ◆ Lecturing in Ian Donald Inter-University School of Medical Ultrasound
  - ◆ Dubrovnik, Croatia (from 1997)
  - ◆ Japan (from 1998)
  - ◆ Hawaii, USA (2007)
  - ◆ Hong Kong (from 2008)
  - ◆ Istanbul, Turkey (from 2009)
  - ◆ Philippines (from 2010)
  - ◆ Portugal (2010)
  - ◆ Vietnam (from 2011)
  - ◆ Montenegro (2011)
  - ◆ India (2010)
  - ◆ Khartoum, Sudan (From 2011)
  - ◆ Indonesia (2012)

- ◇ Romania (2013)
- ◇ Moscow, Russia (2013)
- ◇ Korea (2013)
- ◇ Thailand (2013)
- ◇ Moscow (2013)
- ◇ Colombia (2014)
- ◇ Italy (2014)
- ◇ Philippines (2014)
- ◆ Postgraduate specialist courses Advanced Ultrasound in Obstetrics and Gynecology in Doha (2009,2010)
- ◆ Postgraduate specialist courses Advanced Ultrasound in Obstetrics and Gynecology in Khartoum. (2010, 2012)
- ◆ Postgraduate specialist courses Advanced Ultrasound in Obstetrics and Gynecology in Dubai. (2010, 2014)

### Summary of Global Activities of Ritsuko K. Pooh

Ritsuko K. Pooh graduated from Law Department of Keio University, Tokyo, and Medical School of Tokushima University with social, legal and ethical viewpoints. After her graduation from Medical school in 1990, she has dedicated her most of time to clinical research and investigation in fetal medicine and perinatology. Especially, she has introduced the most sophisticated fetal neuroimaging from 1996 by using transvaginal sonography, three dimensional ultrasound and magnetic resonance imaging. Her sonogram of fetal brain morphology and vascularity is really scientific as well as artistic. Especially her recent study of relations between medullary vein development and postnatal neurological deficit is worthy of note, and in 2011 she received the Alfred Alfred Kratochwil Award in ISUOG congress. Her remarkable activities on fetal brain have been internationally approved by perinatologists as well as neurologists and neurosurgeons. She published the book on *Fetal Central Nervous System, Diagnosis and Management* in 2003 with Prof. Kazuo Maeda Dr. KH Pooh (Pediatric neurosurgeon) and also the book on Fetal Neurology in 2009 with Prof. Asim Kurjak.

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 from 2009 and performing quite a number of invasive genetic procedures including more than 1,500s CVS and 300 amniocenteses per year. In the era of prenatal diagnoses with advanced molecular genetics, she emphasizes ‘*fetus first!*’ as a sonogenetical motto. She established the clinical genetic laboratory in Osaka with the aim of ultimate sonogenetics. She has been truly one of the international young executives in publishing and lecturing in a field of perinatology. Her lectures are easily comprehensive for experts as well as beginners with beautiful slides and fluent English.

Her activity is highly evaluated by Ian Donald School directors of 76 countries and was elected as an Executive Director of International Donald School and Asian Regional Director, responsible for planning different structures of program and curriculum and as Executive Editor of Journal of Donald School, responsible for further widespread use of Journal in different languages. She is pioneered in those fields also in Japan and has contributed to organization of educational courses from 1998. She was elected as a National Director of Japanese branch, Ian Donald School of Medical Ultrasound, and two annual ultrasound seminars have been constantly held in Japan.