



Tai-Ho Hung MD,PhD

**Taipei Chang Gung Memorial Hospital
Taiwan**

Education and Degrees

1985-1992 B.M., Kaohsiung Medical University

1992 M.D.

1996 Board of Taiwan Association of Obstetrics and Gynecology

1999-2003 Ph.D. in Biology, University of Cambridge, UK

Present Position

1997~ Attending Physician, Department of Obstetrics and Gynecology, Chang Gung Memorial Hospital, Taipei

2008~ Associate Professor, College of Medicine, Chang Gung University

2017~ Head, Department of Obstetrics and Gynecology, Chang Gung Memorial Hospital, Taipei

Other Positions Held, Committees, etc

2013~present Member, Institutional Review Board, Chang Gung Memorial Hospital

2000~present Editorial Board of Taiwanese Journal of Obstetrics and Gynaecology

2000~present Editorial Board of Journal of Ultrasound in Medicine

Membership of Professional Societies

Taiwan Association of Obstetrics and Gynecology

Taiwan Society of Perinatology

Taiwan Maternal Fetal Medicine Society

Taiwan Society of Ultrasound in Medicine

International Federation of Placenta Associations

Research Funding (as the principal investigator):



Funding source: Chang Gung Memorial Hospital

1999-2002 Oxidative stress in human placenta (CMRP 1034)

2003-2005 NF- κ B signalling pathway in placental tissues adapting to hypoxia/reoxygenation (CMRPG 32096)

2011-2012 Investigation on the role of autophagy in the human placental development and in the pathogenesis of preeclampsia (CMRPG 100021/100022)

2017-2018 Apoptosis and autophagy in placentas of pregnancies complicated by gestational diabetes mellitus and a large-for-gestational age fetus (CMRPG3G 0281)

Funding source: Department of Health, Executive Yuan, Taiwan

2006-2007 Oxidative stress and antioxidant capacity throughout human gestation (DOH95-TD-F-113-023)

Funding source: Ministry of Science and Technology, Taiwan (previously known as the National Science Council)

2003-2004 Hypoxia-reoxygenation of the human placenta and endothelial cell activation (NSC 92-2314-B-182A-193)

2004-2005 NF- κ B activation in the human placenta: a possible linkage for placental oxidative stress and production of TNF- α in preeclampsia (NSC 93-2314-B-182A-103)

2005-2006 The role of NF- κ B signalling pathway in fetal placental vascular disease (NSC 94-2314-B-182A-142)

2006-2007 The influence of cytokines on the expression of tumor necrosis factor-alpha converting enzyme in the human placenta (NSC 95-2314-B-182A-157)

2007-2010 A comprehensive evaluation on the association between maternal oxidative stress and adverse pregnancy outcomes (NSC 96-2314-B-182A-016-MY3)

2011-2014 In vitro hypoxia-reoxygenation as a model to study endoplasmic reticulum stress related apoptosis in the human placenta (NSC 100-2314-B-182A-082-MY3)

2014-2016 Investigation on the role and regulation of mammalian target of rapamycin (mTOR) in placental autophagy induced by oxygen-glucose deprivation (103-2314-B-182A-099-MY2)

2017-2018 Investigation on the role of soluble epoxide hydrolase in human gestational tissues from pregnancies complicated by acute chorioamnionitis (106-2314-B-182A-146)

Awards and Honors

1997 International Visiting Fellowship, granted by the Japan Society of Ultrasonics in Medicine

2000 NIH/NIAID/NICHHD New Investigator Award, the 6th Meeting of the International Federation of Placental Associations and 14th Rochester Trophoblast Conference

2002 Outstanding Investigator Prize: 13th world Congress of the International Society for



WFUMB 2017 TAIPEI

The 16th World Federation for Ultrasound in
Medicine and Biology Congress

the Study of Hypertension in Pregnancy, 2-6 June, Toronto, Canada.

2002 IFPA8/ANZPRA New Investigator Award: The 8th Meeting of the International Federation of Placental Associations, 6-10 October, Melbourne, Australia.

Outstanding Thesis Award by the Taiwan Society of Perinatology in 2006-2011, and 2013.