

CV of Invited Speaker

PHOTO



(Mei-Hwan Wu)

Title	<input checked="" type="checkbox"/> Prof. <input type="checkbox"/> Dr. <input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms.
Nationality	Taiwan
Position:	Distinguished Professor
Organization:	National Taiwan University Children's Hospital
Major Field:	Pediatric cardiology Arrhythmias
Education: (Highest level) (For grant application use)	MD, National Taiwan University PhD, National Taiwan University Hospital
Professional Experience: (At least from 2016-2021)	1997- up to now: Professor in Pediatrics, National Taiwan University, College of Medicine, Taipei, Taiwan 2008-up to now: Distinguished Professor, National Taiwan University, College of Medicine, Taipei, Taiwan 2014-2020: Superintendent, National Taiwan University Children's Hospital
Honors & Awards: (At least from 2016-2021)	2015 Taiwan Pediatric Award 2015 杏林獎 2017 Excellent Teacher Award (Taiwan Education Administration) 師鐸獎 2018 Ministry of Health and Welfare, Professional Award 衛生福利部專業獎章 2018 Outstanding Asian Pediatrician Award
Publication: (from 2016-2021)	<ol style="list-style-type: none"> 1. Chiu SN, Shao PL, Wang JK, Hsu HW, Lin MT, Chang LY, Lu CY, Lee PI, Huang LM, Wu MH*. Low immunoglobulin M memory B cell percentage in patients with Heterotaxy syndrome correlates with the risk of severe bacterial infection. <i>Pediatr Res.</i> 2016;79(2):271-7 2. Wu MH*, Chen HC, Wang JK, Kao FY, Huang SK. Paradigm shift in the intervention for secundum atrial septal defect in an era of transcatheter closure: A national birth cohort study. <i>Am Heart J.</i> 2015;170(6):1070-6. 3. Chiu SN, Tsai CT, Lin LY, Huang SC, Chen YS, Wang JK, Wu MH*, Lai LP, Lin JL. Repolarization alternans and ventricular arrhythmia in a repaired Tetralogy of Fallot animal model. <i>J Am Heart Assoc.</i> 2015 Dec 11;4(12). 4. Chih WL, Wu PY, Sun LC, Lin MT, Wang JK, Wu MH*. Progressive Coronary

- Dilatation Predicts Worse Outcome in Kawasaki Disease. *J Pediatr.* 2016;171:78-82.
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 7. Yang MC, Chen CA, Chiu HH, Chen SY, Wang JK, Lin MT, Chiu SN, Lu CW, Huang SC, Wu MH*. Assessing Late Cardiopulmonary Function in Patients with Repaired Tetralogy of Fallot Using Exercise Cardiopulmonary Function Test and Cardiac Magnetic Resonance. *Acta Cardiol Sin.* 2015 Nov;31(6):478-84.
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 10. Chiu SN, Wang JK, Lu CW, Wu KL, Tseng WC, Wu MH*. Electrophysiology study for complex supraventricular tachycardia in congenital disease patients with single-ventricle physiology. *J Am Heart Assoc.* 2016 Oct 31;5(11).
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 12. Yang MC, Chen CA, Chiu HH, Wang JK, Lin MT, Chiu SN, Lu CW, Huang SC, Wu MH*. Assessing utility of exercise test in determining exercise prescription in adolescent and adult patients with repaired tetralogy of fallot. *Heart Vessels.* 2017 Feb;32(2):201-207.
 13. Chiu SN, Wu WL, Lu CW, Tseng WC, Wu KL, Wang JK, Wu MH*. Primary ventricular tachycardia in paediatric population in a tertiary centre. *Arch Dis Child.* 2017 2017 Dec;102(12):1137-1142
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19. Wu KL, Chiu SN, Lu CW, Tseng WC, Wu MH. Acute Outcomes for Cryoablation in Pediatric Patients with Perinodal Tachyarrhythmia: Single Center Report. *Acta Cardiol Sin*. 2019 Mar;35(2):134-143.
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Short Bio:
(150 words)

Dr. Mei-Hwan Wu is an expert in the cardiac electrophysiology, from cellular to cardiac catheterization theater. She is a pioneer in pediatric transcatheter arrhythmia therapy. Besides, her research foci cover widely the spectrum of congenital heart disease and acquired heart disease in children.

Her research interests include:

- Clinical aspects of arrhythmias, including the mechanism (particularly the unique mechanism in complex CHD, such as AV node-to-AV node tachycardia), the ablation technique, and the outcome assessment.
- Cellular electrophysiology, including the maturation the cardiac ionic channels, the age-related difference of pharmacological reaction such as cisapride, quinidine, lidocaine, etc.

- Genetic alteration underlying the QT syndrome.
- Clinical scenario from congenital heart disease and long QT gene polymorphism.
- Population study for the congenital heart disease.
- Cardiologic aspects of Kawasaki disease, particularly assessment and intervention for CV risk.
- Cardiologic aspects of Marfan syndrome, the intervention and the pharmacological risk reduction trial.
- System dynamic modeling for medical economic analysis.

To date, Dr. Mei-Hwan Wu has published more than 300 SCI papers. Dr. Mei-Hwan Wu is also dedicated to promote the health care for children. She had been the President of Asia-Pacific Pediatric Cardiology Society from 2012 to 2014, the President of Taiwan Society of Pediatric Society from 2005 to 2012, and the President of Taiwan Pediatric Association from 2011 to 2014. The Superintendent of National Taiwan University Children's Hospital, from 2014 to 2020