Digital Transformation of Laboratory Medicine: Linchpin of Future Medical Value



OCTOBER, 26-28, 2022 Swiss Grand Hotel, Seoul, Korea

CURRICULUM VITAE

Name	Tjin-Shing Jap	Country	Taiwan
Current Position	Professor, Emeritus College of Medicine National Yang Ming University		

Educational Background

1975 M.D. National Defense Medical Center, Taipei, Taiwan

1982 Fellow, The JohnsHopkins, University, Baltimore, MD, USA

Professional Experience			
Consultant in Endocrinology and Metabolism			
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Professional Organizations

President, Taiwan Society of Clinical Pathology and Laboratory Medicine (TSCPaLM) 2006-2012

Board Member, Chinese Taipei Association of Clinical Chemistry (CACB), Taipei, Taiwan 1990- present

Main Scientific Publications

- •Tjin-Shing Jap, Yi-Chi Wu, Jyh Yeang Chiou and Ching-Fai Kwok
 A Novel Mutation in the Hepatocyte Nuclear Factor-1α/MODY3 Gene in Han Chinese Subjects with Early-Onset NIDDM in Taiwan. Diabetic Medicine 2000;17:390-393.
- Tjin-Shing Jap, Yi-Chi Wu, Shwu-Fen Jenq and Ging-Shing Won.
 A Novel Mutation in the Calcium Sensing Receptor Gene in a Chinese Subject with Persistent Hypercalcemia and Hypocalciuria. Journal of Clinical Endocrinology and Metabolism. 2001;86:13-5.
- 3. Tjin-Shing Jap, Yi-Chi Wu, Yi-Chu Tso and Chih-Yang Chiu. A Novel Mutation in the Intron 1 Splice Donor Site of the Cholesterol Ester Transfer Protein (CETP) Gene as a Cause of hyperalphalipoproteinemia. Metabolism 2002;51:394-7.



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- 4. Su CC, Yi-Chi Wu, Chih-Yang Chiu, Justin Ging-Shing Won and Tjin-Shing Jap (Corresponding author). Two Novel Mutations in the Gene Encoding Thyroxine Binding Globulin as a Cause of Complete TBG Deficiency (TBG-CD Taiwan) in Taiwan. Clin Endocrinology (Oxford). 2003;58:409-414
- 5. Jap TS, Jenq SF, YC Wu, CT Chiu, HM Cheng. Mutations in the lipoprotein lipase gene as a cause of hypertriglyceridemia and pancreatitis in Taiwan. Pancreas 2003, 27: 122-6.
- 6. <u>Jap TS</u>, CY Chiu, JGS Won, YC Wu and Chen HS. Novel Mutations in the *MEN1* Gene in Subjects with Multiple Endocrine Neoplasia-1. Clin Endocrinology (Oxford). 2005;62: 336-42.
- 7. CY Chiu, YC Wu, SF Jenq and Jap TS. (Corresponding author) Mutations in LDL Receptor Gene as a Cause o hypercholesterolemia in Taiwan. Metabolism 2005;54:1082-6.
- Ging-Shing Won, Chih-Yang Chiu,Yi-Chu Tso, Shwu-Fen Jenq, Pi-Sung Cheng and Tjin-Shing Jar (Corresponding author). A Compound Heterozygous Mutations in the P450c17 (17- α hydroxylase/17,20 Lyase Gene in a Chinese Subject with Congenital Adrenal Hyperplasia. Metabolism 2007;56:504-507.
- 9. <u>Jap TS</u>, Chiu CY, Lirng JF and Won JGS, <u>Identification of two novel missense mutations in the KAL1 gene in Har Chinese subjects with Kallmann syndrome</u>. Journal of Endocrinological Investigation 2011, 34:53-59.
- Tjin-Shing Jap, Chih-Yang Chiu, Dau-Ming Niu, and Michael A. Levine.
 Three novel mutations in the PHEX gene in Chinese subjects with hypophosphatemic rickets extends genotypic variability. Calcified Tissue International 2011;88:370.
- 11. Chang WL, Huang CJ, Lei TH, Niu DM, Chiu CY, Jap TS .A novel mutation of KCNJ11 gene in a patient with permanent neonatal diabetes mellitus. Diabetes Res Clin Pract 2014, 2014, 104: e29-e32.•

