



## Jaw-Ching Wu

### CURRENT POSITIONS

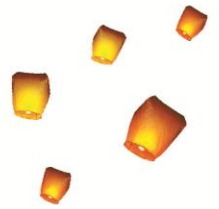
Distinguished Professor, Institute of Clinical Medicine,  
National Yang-Ming University School of Medicine  
Chief, Translational Research Division, Medical Research  
Department, Taipei Veterans General Hospital

### EDUCATIONAL AND CAREER EXPERIENCES

- M.D. - Taipei Medical College, 1972-1979
- Ph.D. - Institute of Clinical Medicine, National Yang-Ming Medical College, Taipei, 1987-1990

### PUBLICATION

326 publications in Lancet, Gastroenterology, Hepatology, Journal of Hepatology, Molecular Biology and Evolution, Clinical Gastroenterology and Hepatology, Journal of Infectious Disease, Medicine, Journal of Virology, etc. More than 59 papers than papers have been cited by >55 books, many of them have been cited in editorials or special review articles in Lancet, Nature Rev Gastroenterol Hepatol, Hepatology, J Hepatol, etc. The average number of citations for the 10 most frequently cited papers is 150 times. Original studies of hepatitis D virus (HDV) including the establishment of the first HDV replication and assembly system, HDV infection as an important etiology of fulminant hepatitis in Taiwan, the influence of HDV genotypes on molecular epidemiology and clinical outcomes, discovery of a novel HDV subtype (type4), discovery of major transmission routes of HDV that subsequently leading to reduction of the incidence of HDV infection in Taiwan, epithelial mesenchymal transition (EMT) induced by the large hepatitis D antigen as one of the pathogenic mechanisms of HDV infection, immuno-pathogenic mechanism and identification of critical domains of CTL epitopes of HDV infection important for the development of DNA vaccine, recombination of HDV and its implication in immune escape and evolution, critical domains and amino acids for HDV assembly, etc. Of hepatocellular carcinoma (HCC) research, finding EMT as the mechanism of early HCC recurrence and persistent HBV replication and hepatic inflammation as the mechanism of late recurrence, antiviral therapy reduces the incidence of HCC and post-operative recurrence, Sero-clearance of hepatitis B surface antigen in chronic carriers does not necessarily imply a good prognosis. Identification of heterosexual transmission route



of HBV in adults of Taiwan. Serious outcomes of Isoniazid-Rifampin induced hepatitis in hepatitis B carriers, the impact of travelling to endemic area on the spread of hepatitis E virus infection, cloning of human and swine HEV in Taiwan.

### **AWARDS AND HONORS**

- 2009 Important Academic Achievements at the 50th Anniversaries of Taipei Veterans General Hospital
- 2010 Outstanding alumnus in Academic Achievement Award, National Yang-Ming University
- 2011 Best poster, Veterans General Hospitals & University System of Taiwan Joint Research Program
- 2012 Excellent poster, Veterans General Hospitals & University System of Taiwan Joint Research Program
- 2014 Best daily poster in the United European Gastroenterological Week. Wu CY, Lin JT, Ho HJ, Lee TY, Wu JC\*. Benefits of longer duration nucleos(t)ide analogues therapy in patients with chronic hepatitis B: a nationwide cohort study.