

## **List of R&D Publications (2010~2017) :**

1. Su WC, Chao TC, Huang YL, Weng SC, Jeng KS, Lai MM. (2011 Oct.) Rab5 and Class III Phosphoinositide 3-Kinase Vps34 Are Involved in Hepatitis C Virus NS4B-Induced Autophagy. *J Virol.* 85:10561-71. (IF>5)
2. Chao TC, Su WC, Huang JY, Chen YC, Jeng KS, Wang HD, Lai MM. (2012) Proline-Serine-Threonine Phosphatase-Interacting Protein 2 (PSTPIP2), a Host Membrane-Deforming Protein, Is Critical for Membranous Web Formation in Hepatitis C Virus Replication. *J Virol.* 86(3):1739-49. (IF>5)
3. Huang JY, Su WC, Jeng KS, Chang TH, Lai MM. (2012) Attenuation of 40S Ribosomal Subunit Abundance Differentially Affects Host and HCV Translation and Suppresses HCV Replication. *PLoS Pathog.* 2012 Jun;8(6):e1002766. (IF>5)
4. Chen YC, Su WC, Huang JY, Chao TC, Jeng KS, Machida K, Lai MM. (2010) Polo-like kinase 1 is involved in hepatitis C virus replication by hyperphosphorylating NS5A. *J Virol.* 84(16):7983-93.
5. Su WC, Chen YC, Tseng CH, Hsu PW, Tung KF, Jeng KS, Lai MM. (2013) Pooled RNAi screen identifies ubiquitin ligase Itch as crucial for influenza A virus release from the endosome during virus entry. *Proc Natl Acad Sci U S A.* 2013 Oct 22;110(43):17516-21.
6. Yu-Chi Chou, Michael MC Lai, Yi-Chen Wu, Nai-Chi Hsu, King-Song Jeng, and Wen-Chi Su. (2015) Variations in genome-wide RNAi screens: lessons from influenza research. *Journal of Clinical Bioinformatics.* 5:2.