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## **Professor Trai-Ming Yeh**

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### **Education**

Ph. D. Department of Microbiology and Immunology, University of Texas Health Science at San Antonio

M. S. Department of Microbiology, National Taiwan University

B. S. Department of Medical Technology, National Taiwan University

### **Research**



Dengue virus (DENV) infection can cause mild dengue fever (DF) or severe dengue hemorrhage fever (DHF) and dengue shock syndrome (DSS). Most patients with DF could recover by itself; however, still some cases or re-infected patients might carry severe symptoms. In our lab, we are interested in the pathogenesis of DENV-induced hemorrhage and auto-immunity. By using phage-displayed antibody library and hybridoma technology,

we found several DENV monoclonal antibodies which can cross-react with coagulatory factors. Welcome to join us to study their pathogenic roles in DHF/DSS.