

Dr. Michael Lan
Professor, Genetics

Education

SooChow University, Taiwan, B.S. Chemistry, 1976

National Tsing Hua University, Taiwan, M.S. Molecular Biology, 1980

Duke University, North Carolina, Ph.D. Microbiology and Immunology, 1986



Dr. Michael Lan graduated from Duke University's Department of Microbiology and Immunology PhD program. He was trained on a project studying a human pancreatic solid tumor antigen using a monoclonal antibody. Between 1990-1997, Dr Lan received a senior staff fellow and a tenured staff scientist position in the section of experimental medicine, National Institute of Dental and Craniofacial Research (NIH).

In 1997, Dr. Lan moved on to the Research Institute for Children, Children's Hospital New Orleans/Departments of Genetics/Pediatrics as an independent investigator and tenured professor. He continued his research interests in islet cell biology (insulin-dependent type 1 diabetes), cellular signaling, transcriptional gene regulation, NE cell differentiation and transformation (NE tumors).

His current research areas are:

1. Transcription factor regulates NE differentiation and transformation;
2. Signaling pathways involved in NE tumor development;
3. Molecular targeting transcription factors and/or signaling pathways for NE tumor therapy;
4. Evaluation of biomarker diagnosis and drug discovery targeting for NE tumors.