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Dr. Tsung Chain Chang, male, is a clinical molecular microbiologist and a professor at the Department of Medical Laboratory Science and Biotechnology, College of Medicine, National Cheng Kung University, Tainan, Taiwan. His research focuses on developing oligonucleotide chips for molecular diagnoses of important pathogens including fungi, bacteria, and mycobacteria that are difficult to identify or identification takes a long time. He got his Ph.D. degree from National Taiwan University in 1986 and conducted his postdoctoral research at the National Institutes of Health, USA, in 1987. He has

published more than 80 papers in SCI journals and obtained more than 30 patents issued from Taiwan, USA, United Kingdom, France, Germany, and Australia, in the area of molecular diagnosis of pathogens.

Education

Ph.D., National Taiwan University

Research

Dr. Chang focuses his studies on developing molecular methods for diagnosis of clinically relevant microorganisms including bacteria and fungi. These molecular methods include PCR, multiplex PCR, sequence based identification, and especially oligonucleotide array techniques.