

## BIO – RICHARD H. FINNELL

Dr. Richard H. Finnell is a Professor in the Center for Precision Environmental Health in the Department of Molecular and Cell Biology and in the Department of Medicine at Baylor College of Medicine. He is also a Changjiang Scholar Professor at Fudan University, an Adjunct Professor in the Shanghai Institute of Medical Genetics of Jiaotong University, and in the Institute for Reproductive and Child Health at Peking University. A pediatric geneticist, he has been involved in investigating genetic susceptibility to environmentally induced birth defects. During his 35<sup>+</sup>-year career, he has authored over 310 publications in journals such as *Science*, *Nature Genetics*, *Nature Cell Biology*, *PNAS* and *Developmental Cell*. His early work with murine embryonic stem cells helped establish the dire consequences of folate deficiency during embryonic development. The Finnell laboratory is focused on how folic acid transport impacts embryonic development using the latest genome editing approaches to create novel transgenic mouse models and to dissect out critical events that result in structural birth defects. The Finnell Laboratory is focused on preventing, preventable birth defects.

