

# MAURY STRAUSS DISTINGUISHED PUBLIC LECTURE

Presented by the Fralin Biomedical Research Institute at VTC



## HUDA ZOGHBI, M.D.

Professor, Pediatrics, Molecular and Human Genetics, Neuroscience, and Neurology

Director, Jan and Dan Duncan Neurological Research Institute  
Baylor College of Medicine

Member, National Academy of Medicine and National Academy of Sciences

## *Molecular and Neurobiological Studies in Rett Syndrome and Other MECP2 Disorder*

Rett syndrome is a delayed-onset childhood disorder, typically found in girls, that causes a broad range of severe neurological disabilities, including loss of the ability to speak and socialize, and the development of tremors, ataxia, seizures, autonomic dysfunction, and stereotypic hand-wringing movements. Dr. Zoghbi and her team discovered that mutations in the gene MECP2 cause Rett syndrome, and before long it became clear that mutations in MECP2 can also cause other neuropsychiatric phenotypes ranging from autism to bipolar disorders. The lecture will highlight neurobiological and molecular studies that are providing insight into the pathogenesis of Rett syndrome and MECP2 disorders, and will highlight discoveries that chart the path for therapeutic opportunities.

THURSDAY, MAY 1, 2025, at 5:30 p.m.

(Reception and hors d'oeuvres at 5 p.m.)  
Room M203, 2 Riverside Circle

Watch via Zoom: <https://FralinBioMed.info/DPL-Join>.



FRALIN BIOMEDICAL  
RESEARCH INSTITUTE AT VTC  
VIRGINIA TECH.