

## Special Issue

# Cellular Pathways and Cytokine Networks in Tuberous Sclerosis: Mechanisms and Therapeutic Targets

### Message from the Guest Editor

This Special Issue, “Cellular Pathways and Cytokine Networks in Tuberous Sclerosis: Mechanisms and Therapeutic Targets”, seeks to advance molecular insights into TSC pathogenesis, emphasizing:

- mTOR-cytokine crosstalk in tumorigenesis and neurodevelopmental deficits.
- Epigenetic/metabolic reprogramming in TSC-associated lesions.
- Developmental signaling axes and neural crest contributions to AMLs/LAM.
- Neuronal cytoskeletal dynamics and synaptic plasticity defects.
- Molecular biomarkers of mTOR hyperactivity and single-cell omics applications.

### Guest Editor

Dr. Uchenna John Unachukwu

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### Editor-in-Chief

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