

Tripartite Synapses: From Hypothesis To Reality?

Richard Robitaille (*Montreal, Canada*)

Functionality of the tripartite synapse during basal synaptic transmission

Andrea Volterra (*Lausanne, Switzerland*)

Astrocytes as precise detectors and modulators of synaptic activity

Alfonso Araque (*Madrid, Spain*)

Endocannabinoids aim at the stars in the tripartite synapses

Ken D. McCarthy (*Chapel Hill, USA*)

GPCR mediated increases in astrocytic calcium or blockade of IP3 mediated increases in astrocytic calcium fail to affect synaptic transmission at the Schaffer collateral CA1 pyramidal synapse

Stéphane H. R. Oliet (*Bordeaux, France*)

Contribution of glial cells to NMDA receptor activity

Dmitri A. Rusakov (*London, United Kingdom*)

Territorial claims of individual astrocytes

Frank Kirchhoff (*Gottingen, Germany*)

The impact of glial AMPA receptors in the mouse cerebellum

Axel Nimmerjahn (*Stanford, USA*)

What role do astrocytes play in motor behavior?

Robert C. Malenka (*Palo Alto, USA*)

The role of glial TNFalpha in synaptic scaling

Philip G Haydon (*Boston, USA*)

Astrocyte modulation of sleep, plasticity and memory consolidation

David Attwell (*London, United Kingdom*) – Discussion leader +speakers

Debate: "Tripartite synapses: from hypothesis to reality?"