COVID-19 and Neurodevelopment

Presentation

Presentation of ongoing study designed to evaluate the biologic and psychological impact of COVID-19 during pregnancy on neurodevelopmental outcome. Discuss our research plan, questionnaire and study population for this project. Discussion of how the new SARS-Co2 vaccines work from the perspective of the immune system.

About the Speaker

Judy Van de Water, PhD, is a Professor of Medicine at the University of California, Davis. Her research interests include clinical immunology and immunopathology, with specific training and expertise in the gestational immune environment. Dr. Van de Water’s research program has a strong focus on the immunobiological aspects associated with autism and other neurodevelopmental disorders including the maternal gestational immune environment, and how perturbation during gestation can impact the developing brain. Her work encompasses both the cellular response and humoral immune response during pregnancy and how this relates to neurobehavioral disorders such as autism and schizophrenia. Dr. Van de Water has served as an investigator of several NIH-funded studies including co-investigator of the Early Markers for Autism study (EMA) and co-PI of the Immune and Metabolic markers during Pregnancy and Child Neurodevelopment (IMPaCT) study. She was Director of the NIEHS Center for Children’s Environmental Health, and is currently the Deputy Director of the UC Davis MIND Institute, and Co-Director of the NICHD-funded MIND Institute Intellectual and Developmental Disabilities Research Center, for which she heads the Biological Analysis Core (IDDRC-MBAC) and is PI of the project embedded within the IDDRC titled: Pathologic Significance of Maternal Autoantibodies. Dr. Van de Water received her doctorate in Immunology from the University of California, Davis.

Event information

To view this presentation, please register for the ZOOM webinar:

https://zoom.us/webinar/register/WN_AIMQ0CxNS_63G89nPghgVg

All questions to the speaker will be answered through the Q&A function after the presentation is completed.

This webinar will also be recorded and added to the MIND Institute’s YouTube channel at a later date.