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INTERNATIONAL
PRIMARY
IMMUNODEFICIENCIES
CONGRESS



Dr. Aleksandra Badura

Aleksandra's work focuses on unravelling the function of the cerebellum in health and disease. Her laboratory has been investigating the role of the cerebellum in cognition in general and in autism spectrum disorder (ASD) in particular. They showed that cerebellar deficits are common in ASD mouse models. By disrupting cerebellar activity during different stages of development, we established a critical period during which specific cerebellar regions are crucial for non-motor behaviours.

In 2018, Aleksandra was awarded a VIDI starting grant from The Netherlands Organisation for Health Research and Development (ZonMw) to work on understanding the cerebello-cerebral networks underlying shared autistic traits. In the last three years, her laboratory has developed collaborations with the Department of Immunology to study the causal role of primary immunodeficiency on increased risk for autism.