

WEBINARS

Webinar: Patricia Braga discusses stem-cell models of autism

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Here's how Braga describes what she will discuss in this webinar:

Despite progress over the past decade uncovering the genetic and environmental roots of autism,

many questions remain unanswered about how autism manifests in the brain. In particular, we don't understand the brain mechanisms underlying social behaviors in autism. Ideally, to answer this question we would study the brain while the cells are alive and communicating with one another. That is where stem-cell models come in.

In this webinar, I will discuss how my lab creates live stem-cell models of autism. I will discuss the potential of reprogrammed cells as 2-D and 3-D models for investigating neurological conditions. In addition, I will talk about work my lab is doing to explore how an individual's genetic background may shape autism, and how different environmental influences on the developing brain may be connected to autism.