



# VIRTUAL BIOLOGY COLLOQUIUM

Friday, 12 Mar 2021 | 4 pm | Online Zoom Session

Hosted by A/P Timothy Saunders

## Building a spinal cord: the embryonic development of the vertebrate neural tube

By James Briscoe

Senior Group Leader, Developmental Dynamics  
Laboratory, The Francis Crick Institute, UK



### About the Speaker

James Briscoe is a senior group leader and assistant research director. He obtained a BSc(Hons) in Microbiology and Virology from the University of Warwick, UK. Following his PhD research in Ian Kerr's laboratory at the Imperial Cancer Research Fund, London (which became Cancer Research UK and is now part of the Francis Crick Institute), he undertook postdoctoral training at Columbia University, New York, USA, with Thomas Jessell, first as a Human Frontiers Science Program Fellow then as a Howard Hughes Medical Institute Fellow.

In 2000 he moved to the Medical Research Council's National Institute for Medical Research (now part of the Francis Crick Institute) to establish his own research group and in 2001 he was elected an EMBO Young Investigator. He was awarded the EMBO Gold Medal in 2008 and elected to EMBO in 2009. In 2018 he became Editor in Chief of *Development*, a journal published by the Company of Biologists, a not-for-profit scientific publisher. He was elected a Fellow of the Academy of Medical Sciences and a Fellow of the Royal Society in 2019.

His research interests include the molecular and cellular mechanisms of graded signalling by morphogens and the specification of cell fate in the vertebrate neural tube. To address these questions his lab uses a range of experimental and computational techniques and model systems that include mouse and chick embryos and embryonic stem cells.

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