UNIVERSITY OF BIRMINGHAM

UNITED KINGDOM

Postdoc Position in *Down Syndrome Cell Adhesion Molecule (DSCAM)*

alternative splicing regulation

We are looking for a highly motivated Postdoc with a deep interest in alternative splicing regulation to join our molecular genetics *Drosophila* research group in the School of Biosciences, University of Birmingham, UK to follow up on our findings about *Dscam* alternative splicing published recently in NAR and RNA (Haussmann et al, 2018, Ustaoglu et al, 2019) and reviewed in Hemani & Soller (2012).

Our laboratory is interested in determining the mechanism of *Dscam* alternative splicing to learn how spliceosome assembly has been exploited for this exceptional case of mutually exclusive splicing and how these novel rules impact on splicing in humans. We have developed unique genetic tools that now allow us to finally explain *Dscam* alternative splicing in a *Drosophila* transgenic system.

Applicants must hold a PhD degree in biology and extensive experience in *Drosophila* genetics, cloning and transgenesis. Experience in Illumina sequencing and data analysis would be appreciated.

This 24 month BBSRC funded fixed-term appointment is available starting 3. April 2023. Starting salary is in the range of £30,942 to £42,794.

Apply to m.soller@bham.ac.uk up 17. January 2023 with a full CV, a one page personal statement and contact details for at least two referees.
For information visit www.sollerlab.org and for informal enquiries please contact Dr Matthias Soller (m.soller@bham.ac.uk)