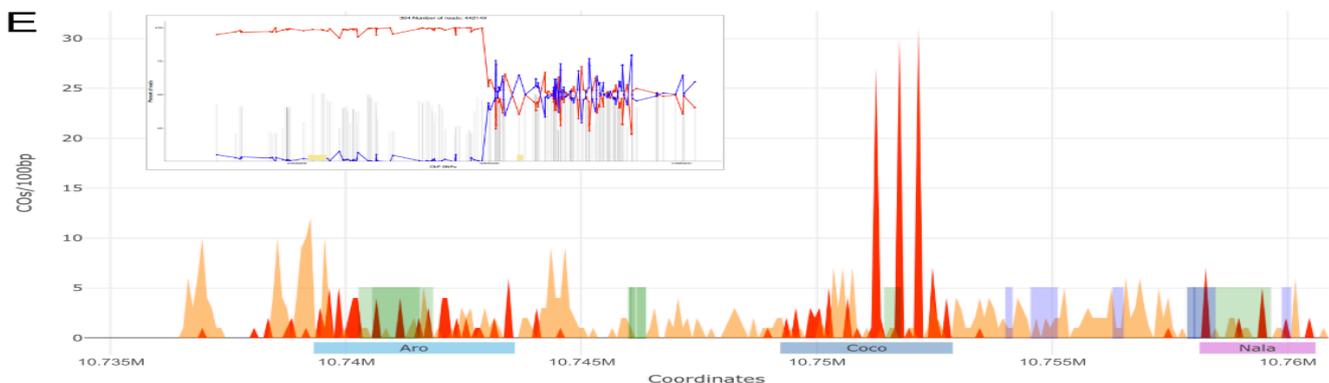


Postdoctoral position in plant molecular biology and genetics



We are seeking candidates to fill a postdoc position in the Laboratory of Genome Biology at the Adam Mickiewicz University, Poznan, Poland, to begin in spring 2021.

The postdoc will join a group seeking to characterize the chromatin factors controlling meiotic crossover (CO) in plant genomes. In the project we are applying a novel method for high resolution crossover mapping (>20 COs per 1kb), which is based on recombinant sorting. This method was only recently developed in our lab. Different chromatin states will be tested for their direct influence on CO formation in the selected regions. This will be achieved with the use of dCas9-targeted chromatin modifiers in different meiotic mutant background.



The position does not involve teaching duties however the researchers are expected to assist in training of undergraduate students.

The successful candidate will have PhD degree in biology, genetics or related field and a strong publication record. Candidates with a good background and hand-on experience on Arabidopsis molecular genetics, CRISPR/Cas9, NGS and/or ChIP-seq/Cut&Tag/Tag&Run are encouraged to apply. The project would significantly benefit from applying Arabidopsis meiotic cytology, therefore this expertise is considered an advantage.

Please submit the following documents with your application:

- CV which gives an overview of the academic/education history
- Letter of motivation
- Names and contact information of at least two academic referees

Application deadline: **15.05.2021**

For further details contact us by email: <http://ibmib.amu.edu.pl/wp-content/uploads/2021/04/Postdoc-plant-meiotic-recombination-Piotr-Ziolkowski-lab.pdf>

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<http://dgb.amu.edu.pl>