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The role of inversions in diversification of *Littorina* intertidal gastropods

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The enormous variation in shape, size and colour of *Littorina* spp. periwinkles, particularly *Littorina saxatilis*, offer an enormous challenge to classify biological diversity but also a unique opportunity to understand adaptation and speciation. In this talk I will revisit the results of our recent research trying to address the question: why do these intertidal species evolve (and maintain) so many life-forms? Using population genomics data across an environmental transect comprising hybrid zones between *L. saxatilis* ecotypes as well as within flat periwinkles (*L. fabalis* and *L. obtusata*) populations, I will discuss the importance of chromosomal inversions in diversification within this system.

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12h00-13h00