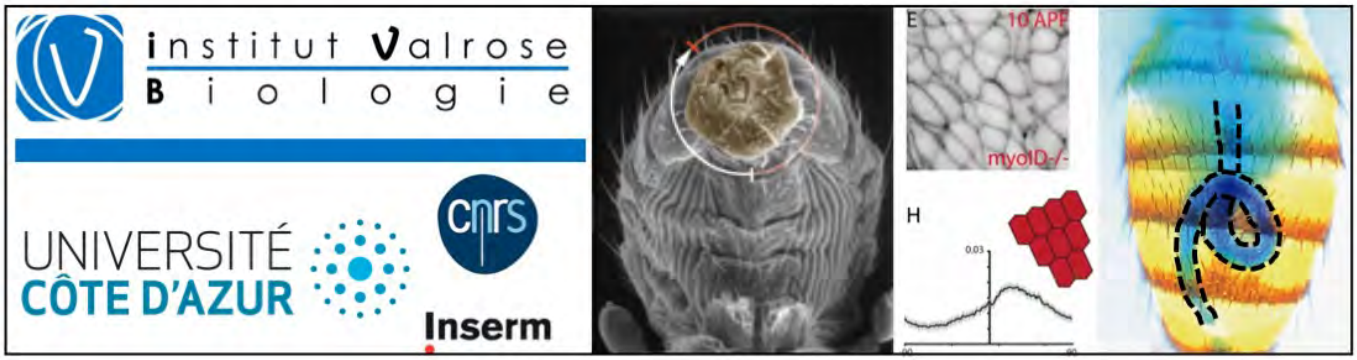

A 3-year postdoctoral position is available in the group of **Dr Stéphane NOSELLI** at the 'institut de Biologie Valrose' (iBV), Université Côte d'Azur in Nice, FR.

Our lab investigates the origin of biological **chirality** and the role of the **actin cytoskeleton** and associated **myosins** (type I myosins) in this fundamental property. We approach this problem by studying how **Left-Right asymmetry** is established in *Drosophila*, using multidisciplinary approaches addressing a number of primary questions: How is symmetry breaking taking place? What are the molecular determinants of asymmetry/chirality? How molecular chirality translates into higher order organ asymmetry, bridging different biological scales? How is the Myosin I system conserved during evolution?
This project aims at characterizing the role of the actin cytoskeleton in LR symmetry breaking and asymmetric morphogenesis, and its interaction with actin-associated factors that we have recently identified through genetic screening.

Highly motivated candidates with original thinking and background in Developmental Biology, Cell Biology, Biochemistry are encouraged to apply. Previous experience in actin/cytoskeleton biology would be a plus.
Interested candidates can contact S. Noselli (noselli@unice.fr).

The 'institut de Biologie Valrose' (27 teams; 300 persons; 25 nationalities) is an international institute (English is the working language) with a rich and vivid scientific environment. iBV provides state of the art core facilities, with a collaborative and lively atmosphere in a gorgeous city/region. (ibv.unice.fr/EN/index.php)

Selected publications:

Speder *et al.*, Nature 2006
Gettings *et al.*, PLoS Biol 2010
Suzanne *et al.*, Cur Biol 2010
Petzoldt *et al.*, Development 2012
Coutelis *et al.*, Dev Cell 2013
Géminard *et al.*, Genesis 2014
Coutelis *et al.*, EMBO Reports 2014
Gonzales-Morales *et al.*, Dev Cell 2015
Van de Bor *et al.*, Cell Reports 2015
Rousset *et al.*, PLoS Genetics 2017
Roumengous *et al.*, Cell Reports 2017