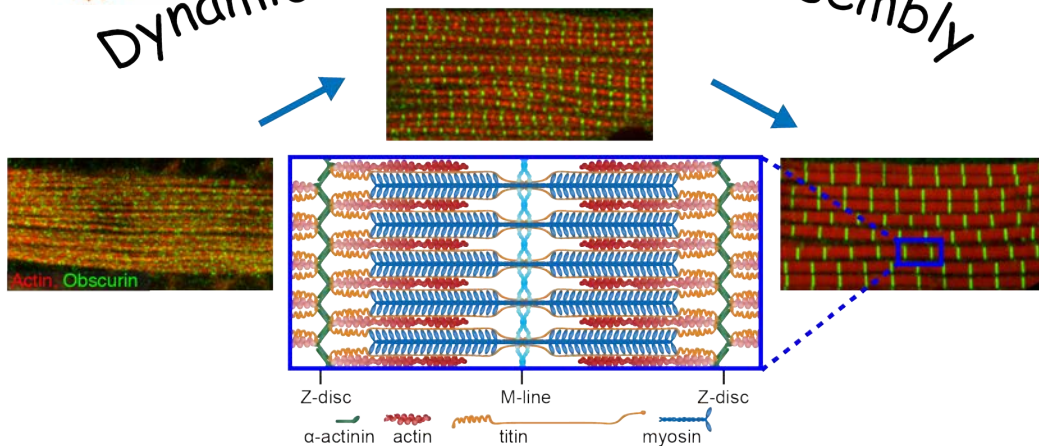




PostDoc position in the Schnorrer lab



Dynamics of Sarcomere Assembly



You: You are curiosity-driven, fascinated by dynamic processes;
You are experienced in live imaging (FRAP, FLIM, laser-cutting);
You enjoy independent scientific planning;

We: We are located at Institute of Developmental Biology of Marseille (IBDM), an interdisciplinary research center with a strong focus on quantitative *in vivo* biology and biophysics;
We study the morphogenesis of muscle with a particular interest in the contractile apparatus, sarcomeres and myofibrils;
We combine systematic fly genetics with *in vivo* imaging;
<http://muscledynamics.org>
<http://www.ibdm.univ-mrs.fr/equipe/muscle-dynamics>

Goal: This project aims to understand the dynamics of sarcomere assembly during muscle development;
We know that early sarcomeres are irregular structures that mature within 2 days to pseudo-crystalline molecular machines;
We have generated a collection of endogenously tagged sarcomeric proteins, whose differential recruitment and turn-over should inform us about the assembly dynamics of these machines;

Please send your application, including a motivation letter, your CV, a description of research interests, and contact information for two references to:

frank.schnorrer@univ-amu.fr

