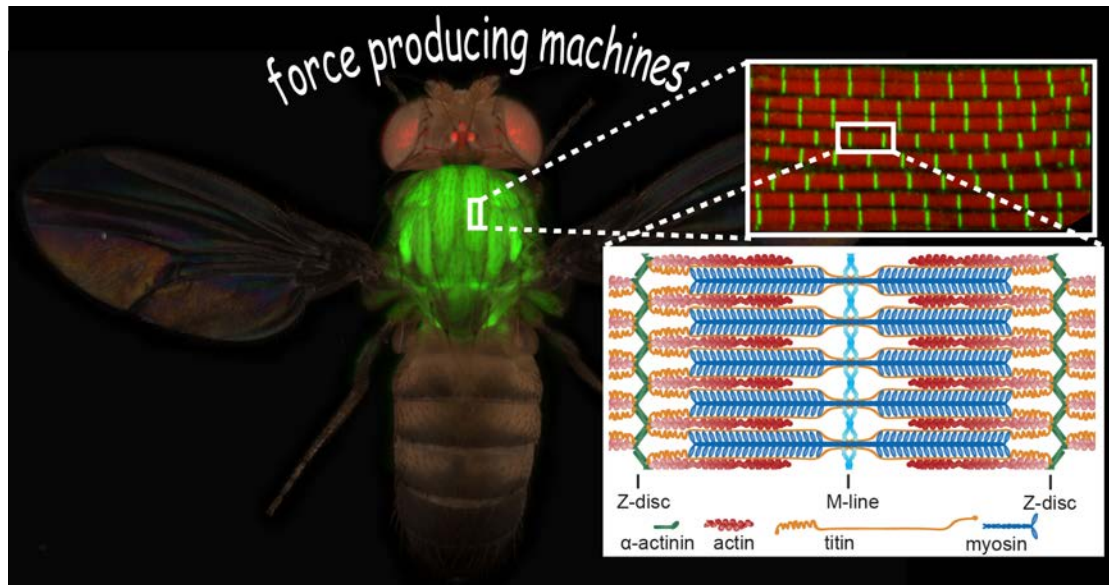


Biomechanics of Sarcomeres



You: You are a curiosity-driven young scientist, fascinated by nature;
 You enjoy pursuing a challenging, highly innovative project;
 You would like working with the *Drosophila* model;

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 manipulate the mechanical properties of sarcomeric components, in particular of the gigantic spring domain protein titin and observe the phenotypic consequences;
 This will apply innovative CRISPR-based genome modification strategies and super-resolution imaging;

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