

GCOE セミナーのお知らせ

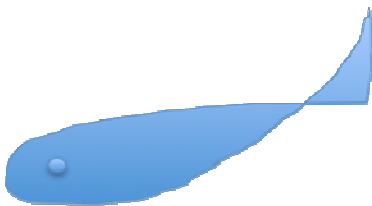
Jan 21 (木), 2010 17:10 ~ 18:40 研究棟 732 室

Modelling Muscle Development and Disease in Zebrafish and Imaging Development in 3D

Dr. Rob Bryson-Richardson

Australian Regenerative Medicine Institute
Monash University, Australia

My work utilises the zebrafish model system to investigate the formation of skeletal muscle in the zebrafish. I am particularly interested in the formation of the slow muscle population and modelling human muscle disease. I will describe the formation of the slow muscle population and some of my previous work modelling human muscle diseases in zebrafish before introducing my latest, unpublished work, investigating phenotypes that specifically affect the slow muscle population. I am also interested in imaging development in 3D and have been using optical projection tomography to create three-dimensional models of embryonic development. Utilising this technique I have created an anatomical resource for the zebrafish, www.fishnet.org.au, and I am now applying this technique to the study of other species.



世話人: 生体情報学 I 分野 八田公平