

Zebrafish models for cardiovascular biology and intravital imaging

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Zebrafish models are increasingly used as an alternative for mammalian models for in vivo research in biomedicine. One of the key fields has been the analysis of cardiovascular biology and pharmacology using zebrafish embryos and adults. Many advances have been made by utilizing zebrafish models combined with different intravital imaging modalities. In this presentation, I will present the strengths and weaknesses of zebrafish models with emphasis on cardiovascular research and practical aspects of experiments utilizing intravital imaging.