



**REGIONAL CENTRE FOR BIOTECHNOLOGY**  
**Eukaryotic Model Organism Workshop Seminar**

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**Zebrafish: A Versatile Vertebrate Model**

**Chetana Sachidanandan, PhD**  
IGIB Delhi

**Tuesday, October 16, 2012**  
**11:30 am**  
**Seminar Room**

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# REGIONAL CENTRE FOR BIOTECHNOLOGY

## Workshop Seminar

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# Chetana Sachidanandan, PhD

## Abstract

Zebrafish, a small fresh water fish from Indian rivers was adopted as a model for developmental genetics many years ago. Large-scale mutagenesis screens and an extensive collection of mutant lines have been instrumental in our increased understanding of vertebrate embryonic development. Since then zebrafish has been successfully applied to studies on adult disorders, physiological and behavioral phenomena as well as in functional genomic studies. We will explore the variety of tools available for modeling human biology in zebrafish and look at the advantages this model organism brings to disease biology and drug discovery.

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