

BioSys/BioISI Research Seminar

"Zebrafish - a useful Model Organism to study human diseases"

Mónica Roxo-Rosa, PhD
CEDOC
NOVA Medical School|Faculdade de Ciências Médicas, Universidade Nova de Lisboa



The zebrafish (*Danio rerio*) is a tropical freshwater fish, native to the Ganges region in eastern India. Due to its transparency and optic clearance, it started as a great model for vertebrate embryonic development. Given its large fecundity and fertility rates, zebrafish has become an important model organism for assessing gene function in several human diseases. We are using the zebrafish Kupffer's Vesicle, i.e. the organ that defines the laterality during the embryogenesis of the fish, as model system to study the cyst inflation process in the context of Autosomal Dominant Polycystic Kidney Disease.

Date: 18th January 2017 – 11h00

Faculdade de Ciências da UL, Lisboa (Portugal), FFCUL Auditorium