

Why the zebrafish?

The zebrafish (*Danio rerio*) larva is an ideal vertebrate model to study developmental, physiological and pathological processes, including infectious diseases. It is genetically close to human, and shares most molecular and cellular pathways with mammals, including immune cells and pathways. It is excellent for live imaging, high throughput screening studies, gene knockdown or overexpression in embryos. This offers the unique opportunity to **study in vivo the molecular and cellular underpinnings of physiological processes**.

Useful links:

Zfin.org – the Zebrafish Information Network

An essential resource for zebrafish researchers! Genes, transgenic lines, mutants, labs...

International resource centers:

In the USA: [ZIRC](#)

In Europe: [EZRC](#)

Standard (but dated) protocols:

[The zebrafish book](#)