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**Research Activity:**

The main goal of our work is to investigate the molecular mechanisms that regulate the genesis of neurons in vertebrate embryos. Our aim is to characterize the molecular events that control the establishment of neural stem cells in the embryo, how these cells are maintained and give rise to the multitude of neurons that compose the adult CNS. A better knowledge about these fundamental mechanisms is a pre-requisite for the development of cellular replacement therapies that can be applied, in the future, to treat neurodegenerative diseases and have a significant impact on human health.

Weblink:

<http://www.imm.ul.pt/html/uni04.html>