

# Isaac Salazar-Ciudad

Isaac Salazar-Ciudad

Ramón y Cajal Researcher

I am senior researcher on the mechanisms of evolution. My focus is on morphological evolution and to this end I have been developing theories about the interdependence between the dynamics of development and the dynamics of evolution. This has brought me to study the mechanisms of pattern formation in development that are responsible for the generation of phenotypic variation in populations. Thus, my aim is to understand the multiple types of relationships between genetic (and environmental) variation and morphological variation in different animal species and their effects on evolution. In practice my work involves integrating experimental data in developmental biology into mathematical models of development and evolution.

Download CV (July 2008)

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Eörs Szathmáry, Nature (2001), 10 May.vol.111, 144-145

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