Preface

Günther K.H. Zupanc

For a long time, neurobiology was dominated by the dogma that the adult central nervous system of vertebrates lacks the ability to produce new neurons. This view was challenged only in recent times, when new neurons were discovered in the adult brain of various vertebrate species. However, while in mammals this capability appears to be restricted to a very few brain regions, in non-mammalian vertebrates new neurons are generated, in large numbers, in many areas of the central nervous system. This difference makes it particularly interesting to examine adult neurogenesis from a comparative point of view.

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