Evolution of Developmental Control Mechanisms

Developmental Biology is initiating a new section titled Evolution of Developmental Control Mechanisms. The goal is to provide a focus on research that examines evolutionary questions from a developmental perspective. The section is not intended for accounts of descriptive observations or for reports of gene expression, but rather for research which illuminates mechanistic differences in processes and causes of evolutionary change in developmental programs.

The intersection of embryology and evolution has formed a framework for understanding evolutionary processes since the time of Darwin. The recent availability of genomic sequence information has greatly facilitated identification of homologous genes and their regulatory regions across diverse species, from unicellular organisms to plants, vertebrates and invertebrates. The advent of powerful tools to perform experimental analyses (including RNAi, antisense morpholino oligonucleotides, transgenesis, pharmacological intervention, etc.) now allows testing and comparison of gene deployment and function across diverse species. The new Section of *Developmental Biology* aims to provide a venue of choice for such in depth comparative functional analyses.

Authors who wish to submit manuscripts for consideration in the Evolution of Developmental Control Mechanisms section of *Developmental Biology* can do so by indicating their intent in the cover letter. Marianne Bronner-Fraser Eric Davidson and Claude Desplan will serve as Section Editors. We aim to achieve a 14 day turnaround time for the review process. Papers chosen for this section will appear on the first of each month.

Online submission: http://ees.elsevier.com/developmentalbiology/