

MOLECULAR ENDOCRINOLOGY

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COVER: Gonadogenesis, the process of forming an ovary or a testis from a bipotential gonad, is critical to the development of sexually reproducing adults. This process is triggered by an upstream sex-determining factor, which can be genetic, as in mammals and birds, or environmental, as is found in many fish and reptilian species. In temperature-dependent sex determination, the temperature at which the egg incubates during the middle third of embryonic development determines the future sex of the embryo. We examine the molecular pathway underlying gonadogenesis in the red-eared slider turtle, *Trachemys scripta*, during critical stages of sex determination. From the article by Shoemaker *et al.*, in this issue, pages 2750-2763.

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The editors would also like to acknowledge the design for our page ender which appears at the end of each article. The symbol represents interaction between ligand, receptor, and DNA. It evolved from an original concept designed by Lois B. Thompson for MOLECULAR ENDOCRINOLOGY.