Non-Mammalian Nuclear Receptors: From Evolution to Human Disease

Call for Papers

Studies in non-mammalian organisms have been essential to understanding nuclear receptor signaling in physiology and development. Genetic model systems such as zebrafish, fruit fly and *C. elegans* have provided novel mechanistic insights into nuclear receptor regulation of metabolism, reproduction, and organogenesis. Investigations in a variety of non-mammalian species have been essential in understanding nuclear receptor evolution and the role nuclear receptors play in mediating interactions with the environment, including responses to environmental toxicants.

In this thematic issue we are interested in original research and review articles that illustrate the importance of non-mammalian studies in enhancing our understanding of nuclear receptor signaling in human development, physiology, and disease. Additionally, we welcome submissions focused on the evolution, function, or biochemistry of nuclear receptors in any non-mammalian species. Suggested topics include but are not limited to:

- Mechanistic and descriptive studies of nuclear receptor functions in invertebrate and non-mammalian vertebrate species at the organismal or cellular level
- Mechanisms of nuclear receptor signaling in non-mammalian human disease models
- Structural, bioinformatic and "omic" analyses of nuclear receptor activities in non-mammalian systems
- Pharmacological studies of non-mammalian nuclear receptors
- Toxicological and environmental responses of nuclear receptors in non-mammalian systems
- Nuclear receptor evolution

Before submission, authors should carefully read over the journal's Author Guidelines, which are located at: http://www.agialpress.com/journals/nurr/author-guidelines/. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Management System at: http://mms.agialpress.com/submit/journals/nurr/ according to the following timetable:

Manuscript Due	April 1, 2017
First Round of Reviews	July 1, 2017
Publication Date	October 1, 2017

Lead Guest Editor

Chris R. Gissendanner, University of Louisiana Monroe, USA; gissendanner@ulm.edu

Guest Editors

William S. Baldwin, Clemson University, USA; Baldwin@clemson.edu

Marcel J. M. Schaaf, Leiden University, The Netherlands; m.j.m.schaaf@biology.leidenuniv.nl