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DESCRIPTION

Drawing from a large number of disciplines, Reproductive Toxicology publishes timely, original research on the influence of chemical and physical agents on reproduction. Written by and for obstetricians, pediatricians, embryologists, teratologists, geneticists, toxicologists, andrologists, and others interested in detecting potential reproductive hazards, the journal is a forum for communication among researchers and practitioners. Articles focus on the application of in vitro, animal and clinical research to the practice of clinical medicine.

All aspects of reproduction are within the scope of Reproductive Toxicology, including the formation and maturation of male and female gametes, sexual function, the events surrounding the fusion of gametes and the development of the fertilized ovum, nourishment and transport of the conceptus within the genital tract, implantation, embryogenesis, in utero growth, placentation and placental function, parturition, lactation and neonatal survival. Adverse reproductive effects in males will be considered as significant as adverse effects occurring in females. To provide a balanced presentation of approaches, equal emphasis will be given to clinical and animal or in vitro work. Typical end points that will be studied by contributors include infertility, sexual dysfunction, spontaneous abortion, malformations, abnormal histogenesis, stillbirth, intrauterine growth retardation, prematurity, behavioral abnormalities, and perinatal mortality.

In addition to original research articles, Reproductive Toxicology also publishes interpretative review articles, editorials, letters, book reviews, and conference announcements. The first section of each issue of the journal is devoted to an in-depth, timely review of research on the effect of particular chemical or physical agents on reproduction. Potential authors are encouraged to contact the Editor-in-Chief before submitting such a review.

AUDIENCE

Obstetricians, pediatricians, embryologists, geneticists.
ABSTRACTING AND INDEXING

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Oocyte, follicle, fertilization, embryo, epigenetics

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Testis, Sertoli, Spermatogenesis, Cryptorchidism, Hypospadias, Environment, Endocrine disruptors, Type 1 diabetes

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Endocrinology, reproduction, mammary gland, hazard assessment

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Thalidomide, Primodos, Embryology, Teratogens, Vascular Development

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Female reproductive toxicology, ovary toxicology, ovary biology, endocrine disrupting chemicals (EDCs), organ-on-a-chip

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Diabetic embryopathy, pregestational diabetes, neural tube defects, congenital heart defects, embryonic vasculopathy, stem cell therapy, autism
GUIDE FOR AUTHORS

INTRODUCTION

Drawing from a large number of disciplines, Reproductive Toxicology publishes timely, original research on the influence of chemical and physical agents on reproduction. Written by and for obstetricians, pediatricians, embryologists, teratologists, geneticists, toxicologists, andrologists, and others interested in detecting potential reproductive hazards, the journal is a forum for communication among researchers and practitioners. Articles focus on the application of in vitro, animal and clinical research to the practice of clinical medicine.

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