# CONGENITAL ANOMALIES

Volume 42 · Number 1 · March 2002

### **CONTENTS**

## **Review Articles**

- 1 Molecular characterization of regenerated cardiomyocytes derived from adult mesenchymal stem cells Keiichi Fukuda
- 10 Radiological protection for diagnostic examination of pregnant women Tomoko Kusama and Katumasa Ota

### **Original Articles**

- PSK, a biological response modifier, modifies p53 expression, mitosis and apoptosis in X-ray irradiated mouse embryos: Possible cellular mechanism of the anti-teratogenic effect Yukiko Kagohashi, Hiroyuki Naora, and Hiroki Otani
- 21 Chromosome analysis of blastocysts cultured under the diabetic condition Reiko Tatewaki, Yukiko Kagohashi, Kosuke Furuse, and Hiroki Otani
- 27 Hydrocephalus manifestation in the genetic polydactyly/arhinencephaly mouse (*Pdn/Pdn*) Ichiro Naruse and Etsuko Ueta
- Postnatal survival of rat offspring prenatally exposed to pure 2,4-Dichlorophenoxyacetic acid (2,4-D)
  Djibril Fofana, Hidehiko Kobae, Kiyoko Sameshima, and Koichiro Miyata

#### **Short Note**

36 Alteration of androgen receptor immunoexpression by neonatal DES-treatment in mouse epididymis Kaiya Takano, Masatoshi Komiyama, Naoji Toyota, and Chisato Mori

# **Society News**

- 38 2002 Japanese Teratology Members
- **70** Notice to Authors
- 73 Activities and Announcement