

CONGENITAL ANOMALIES

Volume 50 · Number 2 · June 2010

CONTENTS

Original Articles

- 77 **Effect of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin suggests abnormal palate development after palatal fusion**
Hideto Imura, Tomohiro Yamada, Katsuaki Mishima, Kumiko Fujiwara, Harumi Kawaki, Azumi Hirata, Norio Sogawa, Takaaki Ueno, and Toshio Sugahara
- 85 **Epigenetic abnormality of *SRY* gene in the adult XY female with pericentric inversion of the Y chromosome**
Tomoko Mitsuhashi, Katsuhiko Warita, Teruo Sugawara, Yoshiaki Tabuchi, Ichiro Takasaki, Takashi Kondo, Fumio Hayashi, Zhi-Yu Wang, Yoshiki Matsumoto, Takanori Miki, Yoshiki Takeuchi, Yasuhiko Ebina, Hideto Yamada, Noriaki Sakuragi, Toshifumi Yokoyama, Takashi Nanmori, Hiroshi Kitagawa, Jeffrey A. Kant, and Nobuhiko Hoshi
- 95 **Effect of recombinant human fibroblast growth factor-2 on bone formation in rabbit mandibular distraction models using β -tricalcium phosphate**
Yusuke Higuchi, Yuhji Kabasawa, Masaru Sato, Tsuyoshi Kikuchi, Kazuhiro Aoki, Keiichi Ohya, Yutaka Maruoka, and Ken Omura
- 105 **Alteration in anxiety-related behaviors and reduction of serotonergic neurons in raphe nuclei in adult rats prenatally exposed to ethanol**
Ken-ichi Ohta, Hiromi Sakata-Haga, and Yoshihiro Fukui
- 115 **Congenital abnormalities in the offspring of pregnant women with type 1, type 2 and gestational diabetes mellitus: A population-based case-control study**
Ferenc Bánhidly, Nándor Ács, Erzsébet H. Puhó, and Andrew E. Czeizel
- 122 **Teratogenic potential of pholedrine: A sympathomimetic vasoconstrictive drug – A population-based case-control study**
Ferenc Bánhidly, Nándor Ács, Erzsébet H. Puhó, and Andrew E. Czeizel

Case Reports

- 129 **Brachmann-de Lange syndrome with congenital diaphragmatic hernia and *NIPBL* gene mutation**
Shinichi Hosokawa, Nobumasa Takahashi, Hiroyuki Kitajima, Masahiro Nakayama, Kenjiro Kosaki, and Nobuhiko Okamoto
- 133 **Aberrant muscle syndrome: Hypertrophy of the hand and arm due to aberrant muscles with or without hypertrophy of the muscles**
Toshihiko Ogino, Hiroshi Satake, Masatoshi Takahara, Noriaki Kikuchi, Tadayosi Watanabe, Kousuke Iba, and Seiichi Ishii

Letter to the Editor

- 139 **Familial nuchal cystic hygroma without fetal effects: Genetic counselling and further evidence for an autosomal recessive subtype**
Sebastiano Bianca, Giovanni Bartoloni, Gustavo Boemi, Barbara Barrano, Chiara Barone, Antonella Cataliotti, Lara Indaco, and Giuseppe Ettore

Society News

- J3 **Announcement**