CONTENTS

Review Articles
1 Involvement of the axially condensed tail bud mesenchyme in normal and abnormal human posterior neural tube development
Hirotomo Saitsu and Kohei Shiota

7 Cell death in normal and abnormal development
Philip E. Mirkes

Original Articles
18 Morphometric study on the characteristic external features of normal and abnormal human embryos
Hiroki Otani, Jun Udagawa, Torbjörn Lundh, Toshihisa Hatta, Ryuju Hashimoto, Akihiro Matsumoto, and Fumio Satow

29 Intrauterine growth restriction and skeletal variations in mouse fetuses induced by vigabatrin administered at preimplantation stages of development
Rengasamy Padmanabhan, Yousef M. Abdulrazzaq, Salim M. A. Bastaki, and Mohamed M. Shafiullah

40 Precurrence risk of birth defects in Hawaii
Mathias B. Forrester and Ruth D. Merz

45 Double aneuploidy in a Turkish child: Down–Klinefelter syndrome
Ali Karaman and Eşref Kabalar

Case Reports
48 Embolization as first-line treatment in the management of puerperal hematoma in a case of congenital urogenital anomaly
Helen Bolton, Kiyoshi Choji, and Meghana Pandit

51 First trimester three-dimensional transvaginal imaging of alobar holoprosencephaly associated with proboscis and hypotelorism (ethmocephaly) in a 46,XX fetus
Gabriele Tonni, Alessandro Ventura, Giovanni Centini, and Claudio De Felice