

EDITORIAL: 1
Peter G. Fedor-Freybergh

INTRODUCTION:

Peter G. Fedor-Freybergh
 Prenatal and Perinatal Psychology,
 Medicine and Allied Disciplines:
 1983–2003
 Continuum of thoughts and words..... 5

GUEST EDITORIALS:

David B. Chamberlain
 The Prenatal Psyche:
 Evidence for a New Perspective 17

**Kamba Mpenge, Kathryn Johnson
 & Anne Greenough**
 Substance abuse during pregnancy-long
 term outcome of exposed infant..... 23

ARTICLES:

**Joachim Mutter, Johannes Naumann,
 Rainer Schneider, Harald Walach
 & Boyd Haley**
 Mercury and autism: Accelerating Evidence? .. 33

Ofra Lubetzky
 Integrating mind and body:
 Mother-fetus-infant relationships
 and the maturation of the right hemisphere 47

Ofra Lubetzky & Luba Zuk
 Mother-Fetus Interaction:
 Maturation of circadian rhythms..... 59

Helmut Niederhofer
 The family structure of families with
 10-year old children and interaction
 in the early childhood 67

**Nazan Uysal, Durgul Ozdemir, Ayfer
 Dayi, Giray Yalaz, Abdulkarim Kasim
 Baltaci & Cem Seref Bediz**
 Effects of maternal deprivation on
 melatonin production and cognition in
 adolescent male and female rats 73

**Ladislav Šoltés, Libuša Radková,
 Mária Bielová & Mária Vaverčáková**
 Ethical dilemmas of pregnant woman
 with brain death 83

L. Wicherek, M. Klimek & M. Dutsch-Wicherek
 The level of maternal immune tolerance
 and fetal maturity 87

**Iwona Szymusik, Mirosław Wielgos,
 Katarzyna Jarosz & Leszek Bablok**
 Father at labor – fashion, curiosity,
 compulsion or desire of being helpful?..... 99

**Lech Podciechowski, Urszula Brocka-
 Nitecka, Katarzyna Dabrowska, Adam
 Bielak, Barbara Hadacz & Jan Wilczynski**
 Pregnancy complicated by Myasthenia
 gravis – twelve years experience..... 107

**A. G. Reznikov, N. D. Nosenko
 & L. V. Tarasenko**
 Opioids are responsible for neurochemical
 feminization of the brain in
 prenatally stressed male rats 117

Günter Dörner
 Environment- and gene-dependent human
 ontogenesis, sociogenesis and
 phylogenesis (eco-geno-onto-socio-
 phylogenesis)..... 125

Andrew and Christine Herxheimer
 Dr. Katharina (Kittie) Dalton. In Memory 135

Johannes Pechstein
 Zum Gedenken an Philipp Schwartz
 (19. 7. 1894 – 1. 12. 1977) 137

Johannes Pechstein
 Prof. Dr. phil. Zdeněk Matějček CSc.
 (16. 8. 1922 – 26. 10. 2004)..... 151

Zdeněk Matějček
 Is ADHD adaptive or non-adaptive behavior? 159

**Jozef Mikloško, Jana Dubovská
 & Mária Périová**
 Comparing fulfillment of the need of a close
 person and social competencies of children
 in various types of foster care 165

Jan Sokol
 What does freedom look like? 181

**Annoucement of a new book
 by Gunnel Minett**
 Exhale: An Overview of Breathwork 16

Jacques Prévert:
Pour faire le portrait d'un oiseau 188

EDITORIAL: 189
Peter G. Fedor-Freybergh

GUEST EDITORIAL

Tobias Esch and George B. Stefano
 Love Promotes Health 193

INVITED REVIEW

Tobias Esch & George B. Stefano
 The Neurobiology of Love 201

ESSAY

George B. Stefano & Tobias Esch
 Love and Stress 237

ORIGINAL ARTICLES

Rupert Linder
 Encouraging care of pregnancy –
 an example for the integrated conjunction of
 obstetrics and psychotherapy 241

Rupert Linder
 Ermutigende Mutterschaftsvorsorge –
 Ein Beispiel für die integrative Verbindung
 von Geburtshilfe und Psychotherapie 247

**Reuven Sharony, Hagai Rosental,
 Arie Herman & Ron Maymon**
 The effect of infertility and previous abnormal
 fetus on parturient women's knowledge of
 and their attitude toward Down's syndrome
 first trimester screening 253

Karel Jelen & Antonín Doležal
 Mechanical reaction of the
 frontal abdominal wall to the
 impact load during pregnancy 261

**J. Cubero, V. Valero, J. Sánchez, M. Rivero,
 H. Parvez, A. B. Rodríguez & C. Barriga**
 The circadian rhythm of tryptophan in
 breast milk affects the rhythms of
 6-sulfatoxymelatonin and sleep in newborn... 273

**Bernard Wallner, Susanne Huber,
 Lukas Mitterauer, Borislava
 Pavlova & Martin Fieder**
 Academic mothers have a pronounced
 seasonal variation in their offspring sex ratio. . 283

**Malgorzata Gajewska, Longin Marianowski,
 Mirosław Wielgos, Magdalena
 Malejczyk & Sławomir Majewski**
 The occurrence of genital types of human
 papillomavirus in normal pregnancy and in
 pregnant women with pregestational
 insulin dependent diabetes mellitus 291

**Lech Podciechowski,
 Katarzyna Dabrowska,
 Dorota Nowakowska, Adam Bielak
 & Jan Wilczynski**
 Polymorphism of the glycoprotein Ia and IIIa
 in the group of women in childbirth does not
 correlate with an increased risk
 of developing thrombosis 301

**Adriana Morales-Otal,
 Socorro Retana-Márquez,
 Armando Ferreira-Nuño &
 Javier Velázquez-Moctezuma**
 Testosterone levels and histological features
 of reproductive glands in adult male rats
 treated neonatally with tamoxifen 313

Ali M. Shotar
 Kerosene poisoning in childhood:
 A 6-year prospective study at the
 Princess Rahmat Teaching Hospital 321

Lucia Kršková & Alžběta Talarovičová
 Influence of maternal testosterone
 on the strategies in the open field
 behaviour of rats..... 329

**Frank Muscarella, Vanessa A.
 Elias & Lenore T. Szuchman**
 Brain differentiation and preferred partner
 characteristics in heterosexual and
 homosexual men and women 337

**Frank Muscarella, Ana M. Cevallos,
 Amber Siler-Knogl & Linda M. Peterson**
 The alliance theory of homosexual behavior
 and the perception of social status and
 reproductive opportunities 347

CALL FOR PAPERS