Contents, Vol. 67, 1995

No. 1
Message from the Editors
The Merger of Developmental Pharmacology and 1 Therapeutics and Biology of the Neonate
Aranda, J.V.; Relier, J.P.
Editorial
Update on Surfactant Therapy
Report from the 9th International Workshop on Surfactant Replacement, Jerusalem, May 22-25, 1994
Shinwell, E.S.; Robertson, B.; Saugstad, O.D.; Halliday, H.L.; Speer, C.P.
Original Paper
Prospective, Randomized, Controlled Evaluation of a Gentamicin Loading Dose in Neonates
Semchuk, Wm.; Shevchuk, Y.M.; Sankaran, K.; Wallace, S.M.
Middle Cerebral Artery Velocity Waveforms in 21 Fetuses with Absent Umbilical Artery End-Diastolic Flow
Mimica, M.; Pejkovic, L.; Furlan, I.; Vulic-Mladinic, D.; Praprotnik, T.
Neutrophils from Preterm Neonates and Adults Show Similar Cell Surface Receptor Expression: Analysis Using a Whole Blood Assay
Falconer, A.E.; Carr, R.; Edwards, S.W.
The Presence of Prolidase Activity in Amniotic Fluid and Its Evaluation as a Maturity Test
Gürdöl, F.; Genç, S.; Yalçın, Ö.; Gültepe, M.
Perinatal Factors and 2-Year Minor Neurodevelopmental Impairment in Low Birth Weight Infants
Spinillo, A.; Fazzi, E.; Orcesi, S.; Accorsi, P.; Beccaria, F.; Capuzzo, E.
Gastrointestinal and Pancreatic Hormones in the Human Fetus and Mother at 18-21 Weeks of Gestation
Adrian, T.E.; Soltesz, G.; MacKenzie, I.Z.; Bloom, S.R.; Aynsley-Green, A.
Oxygen Saturation in Premature Neonates with Bronchopulmonary Dysplasia in a Hammock
Zanardo, V.; Trevisanuto, D.; Dani, C.; Bottos, M.; Guglielmi, A.; Cantarutti, F.
Elastase Given Intracisternally Opens Blood-Brain Barrier in Newborn Piglets
Temesvári, P.; Abraham, C.S.; Gellén, J., Jr.; Speer, C.P.; Kovács, J.; Megyeri, P.
Differential Expression of α- and β-Thyroid Protein...
Hormone Receptor Genes in the Developing Rat Brain under Hypothyroidism Chattopadhyay, N.; Kher, R.; Virmani, J.; Godbole, M.M.
Short Communication
Effect of Pentoxifylline on Nitric Oxide Released by Murine Macrophages Lauterbach, R.; Grabowska, A.; Marcinkiewicz, J.
No. 2
Original Paper
Embryogenesis in vitro: Study of Differentiation of Embryonic Stem Cells Dushnik-Levinson, M.; Benvenisty, N.
Ketone Body Turnover at Term and in Premature Newborns in the First 2 Weeks after Birth de Boissieu, D.; Rocchiccioli, F.; Kalach, N.; Bougnères, P.F. 
Oxygen Saturation during and after Feeding in Healthy Term Infants Hammerman, C; Kaplan, M.
In vitro Model of Human Umbilical Venous Perfusion to Study the Effects of Meconium Staining of the Umbilical Cord Pickens, J.; Toubas, P.L.; Hyde, S.; Altshuler, G.
Lipid A Binding to Neonatal and Adult Red Blood Cells Pöschl, J.M.B.; Schnauffer, M.; Galanos, C; Linderkamp, O.
III
Ontogeny of Group II Phospholipase A2 Gene Expression in Rat Stomach and Ileum Dimberg, J.; Lilja, I.; Weström, B.; Tagesson, C; Söderkvist, P.; Gustafson-Svärd, C.
Maternal Dietary Carbohydrate Restriction Influences the Developmental Profile of Postnatal Rat Brain Indoleamine Metabolism Koski, K.G.; Lanoue, L.; Young, S.N.
Relationship between Associations of NOR and Chromosomal Anomalies in the Abnormal Embryos of Nonobese Diabetic and STZ-Diabetic Mouse Tatewaki, R.; Hashimoto, R.; Tanigawa, K.; Furuse, K.; Tanaka, O.
Effect of Intrapartum Meperidine on Behavior of 3- to 12-Month-Old Infant Rhesus Monkeys Golub, M.S.; Donald, J.M.
No. 3
Editorial
Amino Acid Oxidation and Urea Production in Fetal Life Battaglia, F.C.
Original Paper
Maternal-Fetal Folate Status and Neural Tube Defects: A Case Control Study Bunduki, V.; Dommergues, M.; Zittoun, J.; Marquet, J.; Muller, F.; Dumez, Y.
End-Tidal Carbon Monoxide in Newborn Infants: Observations during the 1st Week of Life
Balaraman, V.; Pelke, S.; DiMauro, S.; Cheung, S.; Stevenson, D.K.; Easa, D.

Effect of Hypoinsulinemia on Growth in the 1st Week of Life
Chaffin, D.G.; Clark, R.M.; McCracken, D.; Philips, A.F.

Lack of Production and Growth-Modulating Effects of \( \alpha \),25-Dihydroxyvitamin D3 in Cultured Fetal Rat Hepatocytes
Partyka, CM.; Gelardi, N.L.; Fadden, K.; Rifai, A.; Gruppuso, P.A.; Oh, W.; Reddy, G.S.

Acute Entry of Bilirubin into Rat Brain Regions
Odden, J.-P.; Rootwelt, T.; Stiris, T.; Hall, C; Bratlid, D.

Does Endothelin-1 Mediate the Hypoxemia-Induced Renal Dysfunction in Newborn Rabbits?
Semama, D.S.; Thonney, M.; Guignard, J.-P.

Metabolism of Chloramphenicol by Glutathione S-Transferase in Human Fetal and Neonatal Liver
Holt, D.E.; Hurley, R.; Harvey, D.

Effect of L-Arginine Infusion on Infants with Persistent Pulmonary Hypertension of the Newborn
McCaffrey, M.J.; Bose, C.L.; Reiter, P.D.; Stiles, A.D.

Scanning Gel Densitometry of Amniotic Fluid Acetylcholinesterase and Butyrylcholinesterase: Quantification of ‘Faint-Positive’ Bands in Fetal Malformations
Dupont, M.; Vallet, B.; Brim, A.; Boulot, P.; Demaille, J.

Activities of Trypsin and Lipase in Duodenal Aspirates of Healthy Preterm Infants: Effects of Gestational and Postnatal Age
Benlounes, N.; Chedid, R.; Thuillier, F.; Desjeux, J.F.; Rousselet, F.; Heyman, M.

Effect of Retinoids on Fetal Lung Development in the Rat
Masuyama, H.; Hiramatsu, Y.; Kudo, T.
Functioning of the Porcine Pituitary-Adreno- cortical Axis during Neonatal Development
Klemcke, H.G.; Brown-Borg, H.M.; Borg, K.E.
Ontogeny of Dopamine Daily Rhythms within Rabbit Brainstem Regions
Gingras, J.L.; Lawson, E.E.; McNamara, M.C.
Main Routes of Plasma Lactate Carbon Disposal in the Midgestation Fetal Lamb
Carter, B.S.; Moores, R.R., Jr.; Teng, C; Meschia, G; Battaglia, F.C.
Abstracts
Abstracts of the 6th European Workshop on Neonatology
Moscow, Russia, July 6-9, 1995
Author Index, Abstracts of the 6th European Workshop
No. 5
Original Paper
Endothelin 1-21 Plasma Concentrations on Days 1 and 4 of Life in Healthy and Ill Preterm Neonates
Malamitsi-Puchner, A.; Economou, E.; Efstathopoulos, T.; Sevastiadou, S.; Hadzistamatiou, Z.; Nicolopoulos, D.
Profile of Alveolar Gases during Periodic and Regular Breathing in Preterm Infants Pereira, M.R.; Reis, F.C; Landraul, L.; Cates, D.B.; Rigatto, H.
Iron Saturation Alters the Effect of Lactoferrin on the Proliferation and Differentiation of Human Enterocytes (Caco-2 Cells) Oguchi, S.; Walker, W.A.; Sanderson, I.R.
A Portable Device for Estimating the Rate of CO2 Production in Preterm Infants Kien, C.L.; Murray, R.D.; Knerr, T.L.; McClead, R.E.; Cordero, L., Jr.
Renal Blood Flow Velocity in Non-Distressed Preterm Infants during the First 72 Hours of Life van de Bor, M.
Effects of Epinephrine on the Cardiorespiratory Response to Hypoxia in Sedated Newborn Piglets with Intact and Denervated Carotid Bodies Suguihara, C; Hehre, D.; Bancelari, E.
Effects of Yersinia enterocolitica Infection on Growth of the Body and Internal Organs in Newborn Colostrum-Deprived Piglets Shu, D.; Simpson, H.V.; Xu, R.-J.; Mellor, D.J.; Reynolds, G.W.; Marshall, R.B.
Developmental Factors in the Contractile Response of Rabbit Urinary Bladder: Effect of Anoxia and Extracellular Acidosis Yoon, J.-Y.; Zderic, S.A.; Duckett, J.W.; Snyder, H.M. Ill; Levin, R.M.
Examination for Toxicity of a Chinese Drug, the Toad Glandular Secretory Product Chan, S.; Ng, T.B.; Yeung, H.W.
Short Communication
Changes in Serum Lipid, Lipoprotein and Corticosterone Concentrations during Neonatal Chick Development
Latour, M.A.; Peebles, E.D.; Boyle, C.R.; Brake, J.D.; Kellogg, T.F.