

Contents

VII Foreword

Grossman, A.B. (London)

IX Preface

Guitelman, M. (Buenos Aires); Bronstein, M.D. (Sao Paulo); Arzt, E. (Buenos Aires)

1 Cytokines and Genes in Pituitary Tumorigenesis: RSUME Role in Cell Biology

Fuertes, M.; Gerez, J.; Haedo, M.; Giacomini, D. (Buenos Aires); Páez-Pereda, M.; Labeur, M.; Stalla, G.K. (Munich); Arzt, E. (Buenos Aires)

7 Molecular Mechanisms of Pituitary Adenoma Senescence

Chesnokova, V.; Zonis, S.; Ben-Shlomo, A.; Wawrowsky, K.; Melmed, S. (Los Angeles, Calif.)

15 Stem Cells, Differentiation and Cell Cycle Control in Pituitary

Drouin, J.; Bilodeau, S.; Roussel-Gervais, A. (Montréal, QC)

25 Role of Estrogens in Anterior Pituitary Gland Remodeling during the Estrous Cycle

Zárate, S.; Zaldivar, V.; Jaita, G.; Magri, L.; Radl, D.; Pisera, D.; Seilicovich, A. (Buenos Aires)

32 Hyperprolactinemia following Chronic Alcohol Administration

Sarkar, D.K. (New Brunswick, NJ.)

42 Experience from the Argentine Pegvisomant Observational Study: Preliminary Data

García Basavilbaso, N.; Guitelman, M.; Nagelberg, A.; Stalldecker, G.; Carabelli, A.; Bruno, O.; Danilowitz, K.; Manavela, M.; Mallea Gil, S.; Ballarino, C.; Guelman, R.; Katz, D.; Fidalgo, S.; Leal, R.; Fideleff, H.; Servidio, M. (Buenos Aires); Bruera, D. (Córdoba); Librandi, F.; Chervin, A.; Vitale, M.; Basso, A. (Buenos Aires)

50 Gender Differences in Macroprolactinomas: Study of Clinical Features, Outcome of Patients and Ki-67 Expression in Tumor Tissue

Fainstein Day, P.; Glerean, M.; Lovazzano, S.; Pietrani, M.; Christiansen, S.; Balzaretti, M.; Kozak, A.; Carrizo, A. (Buenos Aires)

59 Neurotransmitter Modulation of the GHRH-GH Axis

García-Tornadu, I.; Risso, G.; Perez-Millan, M.I.; Noain, D.; Diaz-Torga, G. (Buenos Aires); Low, M.J. (Portland, Oreg.); Rubinstein, M.; Becu-Villalobos, D. (Buenos Aires)

70 iASPP: A Novel Protein Involved in Pituitary Tumorigenesis?

Pinto, E.M.; Musolino, N.R.C.; Cescato, V.A.S.; Soares, I.C.; Wakamatsu, A.; de Oliveira, E.; Salgado, L.R.; Bronstein, M.D. (São Paulo)

- 77 Familial Isolated Pituitary Adenoma: Evidence for Genetic Heterogeneity**
Toledo, R.A.; Lourenço, Jr., D.M.; Toledo, S.P.A. (São Paulo)
- 87 Serum Levels of 20K-hGH and 22K-hGH Isoforms in Acromegalic Patients**
Lima, G.A.B.; Gadelha, M.R. (Rio de Janeiro); Strasburger, C.J.; Wu, Z. (Berlin)
- 94 Pituitary Carcinomas**
Colao, A. (Naples); Ochoa, A.S. (Granada); Auriemma, R.S.; Faggiano, A.; Pivonello, R.; Lombardi, G. (Naples)
- 109 Modern Imaging of Pituitary Adenomas**
Buchfelder, M.; Schlaffer, S.-M. (Erlangen)
- 121 Pathogenesis of Familial Acromegaly**
Gadelha, M.R. (Rio de Janeiro); Frohman, L.A. (Chicago, Ill.)
- 127 Functional Role of the RET Dependence Receptor, GFRa Co-Receptors and Ligands in the Pituitary**
Garcia-Lavandeira, M.; Diaz-Rodriguez, E.; Garcia-Rendueles, M.E.R.; Rodrigues, J.S.; Perez-Romero, S.; Bravo, S.B.; Alvarez, C.V. (Santiago de Compostela)
- 139 Testing Growth Hormone Deficiency in Adults**
Gabellieri, E.; Chiovato, L. (Pavia); Lage, M.; Castro, A.I.; Casanueva, F.F. (Santiago de Compostela)
- 145 Serum Insulin-Like Growth Factor-1 Measurement in the Diagnosis and Follow-up of Patients with Acromegaly: Preliminary Data**
Guitelman, M.; Radczuk, G.; Basavilbaso, N.G.; Oneto, A.; Basso, A. (Buenos Aires)
- 152 Diagnosis of Cure in Cushing's Syndrome: Lessons from Long-Term Follow-Up**
Barahona, M.J.; Resmini, E.; Sucunza, N.; Webb, S.M. (Barcelona)
- 158 Novel Medical Therapies for Pituitary Tumors**
Theodoropoulou, M.; Labeur, M.; Paez Pereda, M. (Munich); Haedo, M.; Perone, M.J. (Buenos Aires); Renner, U. (Munich); Arzt, E. (Buenos Aires); Stalla, G.K. (Munich)
- 165 Medical Therapy of Cushing's Disease: Where Are We Now?**
Alexandraki, K.I.; Grossman, A.B. (London)
- 174 Optimizing Acromegaly Treatment**
Bronstein, M.D. (Sao Paulo, SP)
- 184 Vasoinhibins and the Pituitary Gland**
Méndez, I. (Querétaro, Qro/México, D.F.); Vega, C.; Zamorano, M.; Moreno-Carranza, B.; Martínez de la Escalera, G.; Clapp, C. (Querétaro, Qro)
- 190 Multiple Sources of Information for the Hypothalamus**
van der Lelij, A.J. (Rotterdam)
- 196 New Insights in Ghrelin Orexigenic Effect**
Diéguez, C. (Santiago de Compostela); da Boit, K.; Novelle, M.G.; Martínez de Morentin, P.B.; Nogueiras, R. (Barcelona); López, M. (Santiago de Compostela)
- 206 Ghrelin and Anterior Pituitary Function**
Lanfranco, F.; Motta, G.; Baldi, M.; Gasco, V.; Grottoli, S.; Benso, A.; Broglio, F.; Ghigo, E. (Turin)
- 212 Author Index**
- 214 Subject Index**