

Biology of the *Cell*

www.elsevier.com/locate/biocell



ELSEVIER

Edited by the Société Française
des Microscopies and the Société
de Biologie Cellulaire de France

Volume 95 (2) - March-April 2003

ISSN 0248-4900

Biology of the cell

Volume 95, No 2, 2003

Contents

Reviews

- 59 Improvement of exogenous DNA nuclear importation by nuclear localization signal-bearing vectors: a promising way for non-viral gene therapy?
E. Hébert (Orléans, France)
- 69 Evolutionary conservancy of the endocytic and trafficking machinery in the unicellular eukaryote *Paramecium*
L. Surmacz, J. Wiejak, E. Wyroba (Warsaw, Poland)
- 99 The acid phosphatase positive organelles of the *Giardia lamblia* trophozoite contain a membrane bound cathepsin C activity
J. Thirion, R. Wattiaux, M. Jadot (Namur, Belgium)
- 107 A functional deadenylation assay identifies human CUG-BP as a deadenylation factor
L. Paillard, V. Legagneux, H.B. Osborne (Rennes, France)
- 115 Basolateral Ca^{2+} -dependent K^{+} -channels play a key role in Cl^{-} secretion induced by taurodeoxycholate from colon mucosa
A. Moschetta, P. Portincasa, L. Debellis, M. Petruzelli, R. Montelli, G. Calamita, P. Gustavsson, G. Palasciano (Bari, Italy)

Research articles

- 75 Chondrogenic differentiation during mid-facial development in the mouse: in vivo and in vitro studies
M.I. Pavlov, J.-M. Sautier, M. Oboeuf, A. Asselin, A. Berdal (Paris, France)
- 87 The interaction of two classes of nuclear vesicles is induced by the dissociation of soluble proteins from one class of vesicles
Y. Oke, A. Inoue (Osaka, Japan)

Addendum to Volume 94, no. 7-8, 2002

- 123 Foreword: gap junctional channels
J.-C. Hervé (Poitiers, France)