



INSTITUT PASTEUR

ISSN 0923-2508

Research in **Microbiology**

Established in 1887 as the 'Annales de l'Institut Pasteur'

The 120th anniversary of the Institut Pasteur



120 years in publishing
Special issue



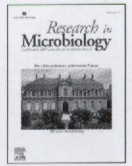
ELSEVIER

Vol. 159



Vol. 159, No. 3, April, 2008

CONTENTS



Cited/abstracted in: Biological Abstracts/Biosis, CNRS/Pascal, Current Contents (Life Sciences), Excerpta Medica/EMbase, Index Medicus/Medline, Science Citation Index.

REVIEW

Drugs from hidden bugs: their discovery via untapped resources

F. Lefevre, P. Robe, C. Jarrin, A. Ginolhac, C. Zago, D. Auriol, T.M. Vogel, P. Simonet, R. Nalin 153

ORIGINAL ARTICLES

Phylogeny and evolution

Molecular typing indicates an important role for two international clonal complexes in dissemination of VIM-producing *Pseudomonas aeruginosa* clinical isolates in Hungary

B. Libisch, J. Watine, B. Balogh, M. Gacs, M. Muzsly, G. Szabó, M. Füzi 162

Comparative phylogenies of *Burkholderia*, *Ralstonia*, *Comamonas*, *Brevundimonas* and related organisms derived from *rpoB*, *gyrB* and *rrs* gene sequences

L.A. Tayeb, M. Lefevre, V. Passet, L. Diancourt, S. Brisse, P.A.D. Grimont 169

Multilocus sequence identification of *Penicillium* species in cork bark during plank preparation for the manufacture of stoppers

R. Serra, S. Peterson, CTCOR, A. Venâncio 178

Ecology and population dynamics

Is meconium from healthy newborns actually sterile?

E. Jiménez, M.L. Marín, R. Martín, J.M. Odriozola, M. Olivares, J. Xaus, L. Fernández, J.M. Rodríguez 187

Burkholderia cepacia complex epidemiology in persons with cystic fibrosis from Australia and New Zealand

T.J. Kidd, J.M. Douglas, H.A. Bergh, C. Coulter, S.C. Bell 194

Physiology and metabolism

Glycogen and trehalose mobilization by acetic acid in *Phycomyces blakesleeanus*: dependence on the anion form

J. Rúa, S. de Cima, P. del Valle, M. Gutiérrez-Larraínzar, F. Busto, D. de Arriaga 200

Interaction of microbes with their environment

IS53: an insertion element for molecular typing of *Pseudomonas savastanoi* pv. *savastanoi*

J.M. Quesada, I. Pérez-Martínez, C. Ramos, M.M. López, R. Penyalver 207

The type III secretion effector XopXccN of *Xanthomonas campestris* pv. *campestris* is required for full virulence

B.-L. Jiang, Y.-Q. He, W.-J. Cen, H.-Y. Wei, G.-F. Jiang, W. Jiang, X.-H. Hang, J.-X. Feng, G.-T. Lu, D.-J. Tang, J.-L. Tang 216

Identification of novel temperature-regulated genes in the human pathogen *Cryptococcus neoformans* using representational difference analysis

L.K. Rosa e Silva, C.C. Staats, L.S. Goulart, L.G. Morello, M.H. Pelegrinelli Fungaro, A. Schrank, M.H. Vainstein 221