

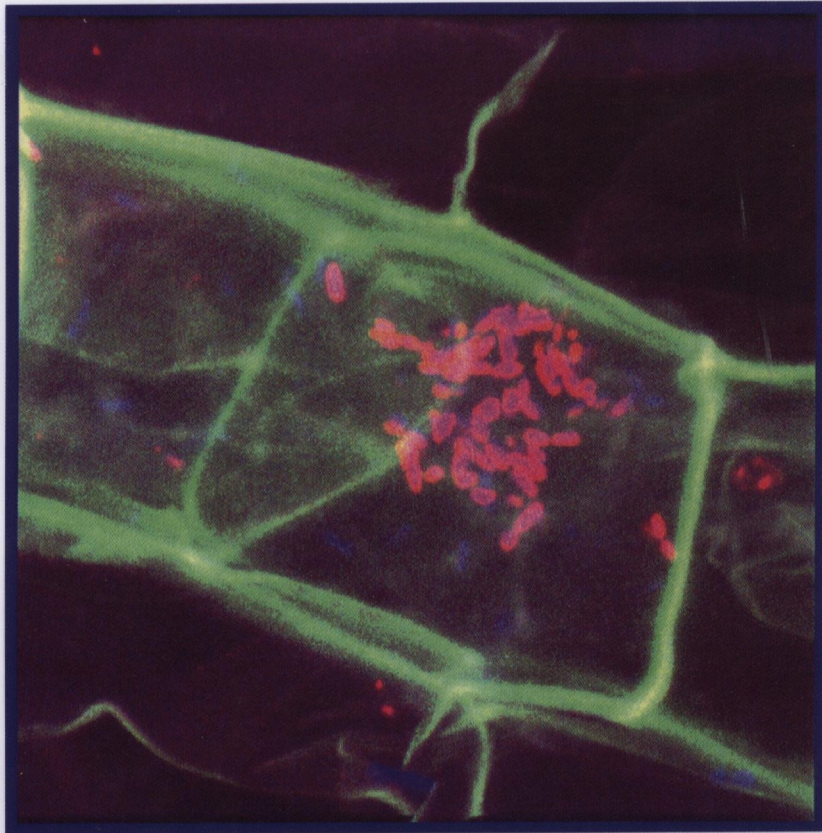


INSTITUT PASTEUR

ISSN 0923-2508

Research in **Microbiology**

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



ELSEVIER

Vol. 161

CONTENTS

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

PHYLOGENY AND EVOLUTION

Development of a novel multiplex PCR for the detection and differentiation of *Salmonella enterica* serovars Typhi and Paratyphi A

G.J. Yin Ngan, L.M. Ng, R.T.P. Lin, J.W.P. Teo 243

MOLECULAR GENETICS AND GENOMICS

Full expression of *Bacillus anthracis* toxin gene in the presence of bicarbonate requires a 2.7-kb-long *atxA* mRNA that contains a terminator structure

M. Bertin, A. Château, A. Fouet 249

Genomic diversity of two lineages of exfoliative toxin A-converting phages predominating in *Staphylococcus aureus* strains in the Czech Republic

P. Holočová, V. Růžičková, R. Pantůček, P. Petráš, R. Janisch, J. Doškař 260

Proteomic analysis of *Escherichia coli* with experimentally induced resistance to piperacillin/tazobactam

K. Valéria dos Santos, C.G. Diniz, L. de Castro Veloso, H. Monteiro de Andrade, M. da Silva Giusta, S. da Fonseca Pires, A.V. Santos, A.C. Morais Apolônio, M.A. Roque de Carvalho, L. de Macêdo Farias 268

MICROBE ENVIRONMENT INTERACTIONS

Isolation and characterization of a marine magnetotactic spirillum axenic culture QH-2 from an intertidal zone of the China Sea

K. Zhu, H. Pan, J. Li, K. Yu-Zhang, S.-D. Zhang, W.-Y. Zhang, K. Zhou, H. Yue, Y. Pan, T. Xiao, L.-F. Wu 276

Transcriptional response to fluconazole and amphotericin B in *Candida albicans* biofilms

H. Nailis, D. Vandenbosch, D. Deforce, H.J. Nelis, T. Coenye 284

INTERACTION BETWEEN MICROBES

***Bacillus pumilus* of Palk Bay origin inhibits quorum-sensing-mediated virulence factors in Gram-negative bacteria**

C. Nithya, C. Aravindraja, S.K. Pandian 293

MOBILE ELEMENTS AND VIRUSES OF PROKARYOTES

First description of *bla*_{IMP-8} in a *Pseudomonas mendocina* isolated at the Hospital Infante D. Pedro, Aveiro, Portugal

C. Santos, T. Caetano, S. Ferreira, S. Mendo 305

Isolation and characterization of ϕ AB2: a novel bacteriophage of *Acinetobacter baumannii*

N.-T. Lin, P.-Y. Chiou, K.-C. Chang, L.-K. Chen, M.-J. Lai 308