

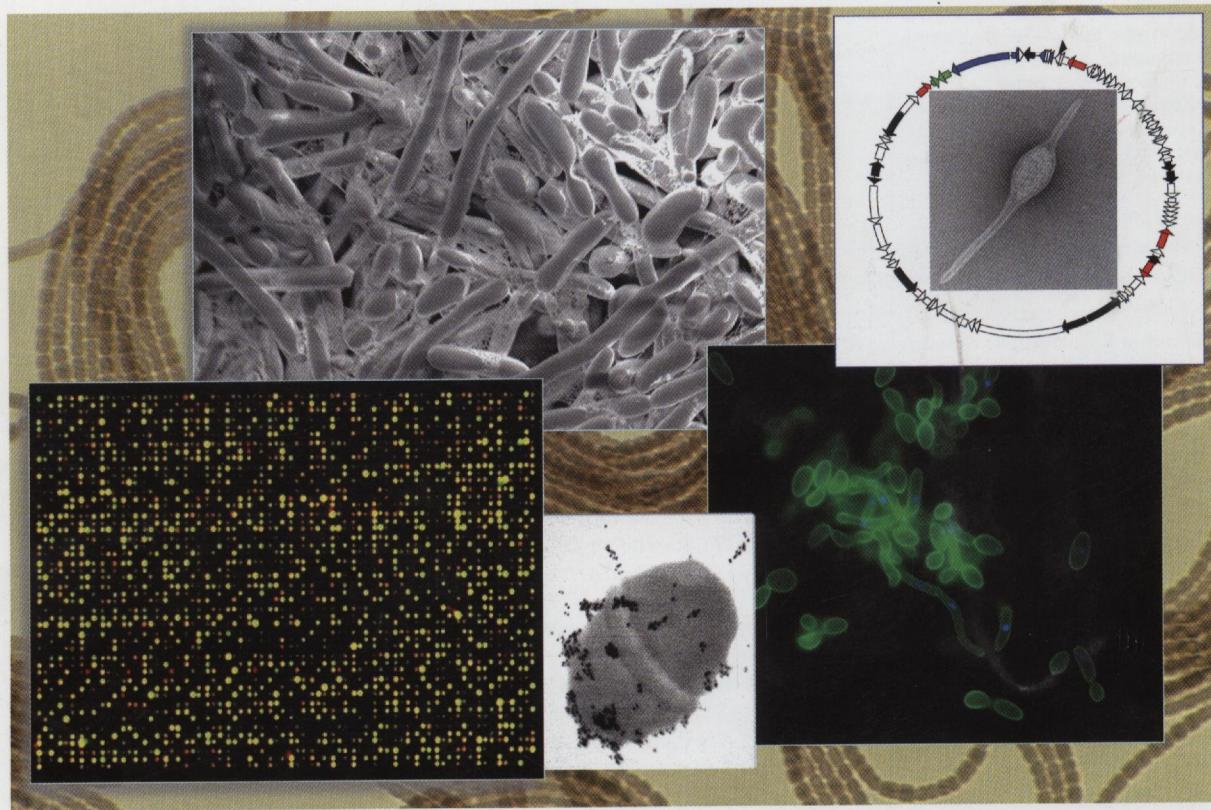


INSTITUT PASTEUR

ISSN 0923-2508

Research in Microbiology

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



ELSEVIER

Vol. 158



Vol. 158, No. 2, March, 2007



CONTENTS

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

ORIGINAL ARTICLES

Phylogeny, evolution ecology and population dynamics

Variability in tellurite resistance and the *ter* gene cluster among Shiga toxin-producing *Escherichia coli* isolated from humans, animals and food

D. Orth, K. Grif, M.P. Dierich, R. Würzner 105

Rapid differentiation of species of *Botryosphaeriaceae* by PCR fingerprinting

A. Alves, A.J.L. Phillips, I. Henriques, A. Correia 112

Blind comparison of traditional serotyping with three multiplex PCRs for the identification of *Salmonella* serotypes

S. Herrera-León, R. Ramiro, M. Arroyo, R. Díez, M.A. Usera, M.A. Echeita 122

Diversity of arsenite transporter genes from arsenic-resistant soil bacteria

A.R. Achour, P. Bauda, P. Billard 128

***Campylobacter coli* isolates derived from chickens in Senegal: Diversity, genetic exchange with *Campylobacter jejuni* and quinolone resistance**

A.D. Kinana, E. Cardinale, I. Bahsoun, F. Tall, J.-M. Sire, S. Breurec, B. Garin, C. Saad-Bouh Boye, J.-D. Perrier-Gros-Claude 138

Physiology and metabolism

Isolation of a chlorpyrifos-degrading bacterium, *Sphingomonas* sp. strain Dsp-2, and cloning of the *mpd* gene

X. Li, J. He, S. Li 143

Characterization of a *luxI/luxR*-type quorum sensing system and N-acyl-homoserine lactone-dependent regulation of exo-enzyme and antibacterial component production in *Serratia plymuthica* RVH1

R. Van Houdt, P. Moons, A. Aertsen, A. Jansen, K. Vanoorbeek, M. Daykin, P. Williams, C.W. Michiels 150

Inhibitory effect of phosphoenolpyruvate on glycolytic enzymes in *Escherichia coli*

T. Ogawa, H. Mori, M. Tomita, M. Yoshino 159

Molecular genetics

Molecular characterization of the DNA methyltransferase M1.NcuI from *Neisseria cuniculi* ATCC 14688

B. Furmanek, M. Sektas, E. Wons, T. Kaczorowski 164

Isolation and characterization of a gene cluster involved in PAH degradation in *Mycobacterium* sp. strain SNP11:

Expression in *Mycobacterium smegmatis* mc²155

C. Pagnout, G. Frache, P. Poupin, B. Maunit, J.-F. Muller, J.-F. Férrard 175