

CURRICULUM VITAE Josep VIVES REGO (December 2000)

1. Present position:

- Senior Professor of Microbiology at the University of Barcelona, Spain.
- Member of the "Scientific Committee on Cosmetic Products and Non Food Products", European Commission (General Direction SANCO) from November 1997 to November 2003.

2. Collaboration with Industry.

- Food Industry: Sefrisa, 1974; Aprocat, 1984-1992.
- Pharmaceutical Industry: Laboratorios Hosbon, 1971; Squibb, 1972
- Textile Industry: La Seda de Barcelona, 1973-74.
- Chemical and Cosmetic Industry: Fomento Hispano Industrial, 1970.; Nenuco, 1974.; Torras Hostench, 1975; A.I.D. (Spanish Association for the Detergency Research), 1985-1990; Antonio Puig, S.A., 1989; Cruz Verde-Legrain, 1989; Petroquímica Española, S.A. 1986-87 AND 1996-97; Lamirsa, 1990; Colomer Group and Revlon, S.A. 1973-1997;
- Veterinary Industry: Laboratorios Calier, S.A. 1994;
- Biotechnology: Bioinvest, S.A. 1989-92.
- Environmental Engineering: Aplicaciones Biotecnológicas, S.A. 1989-1993; Bio Specific Systems, S.L. 1994-1995.

3. Academic qualifications and professional training.

- Degree in Sciences (B.Sc.), Section Biology, University of Barcelona, July 1968.
- Doctor in Sciences (Ph), Section Biology, University of Barcelona, October 1973.
- Seminar: Leadership styles and team work by J. Veciana (University of Frankfurt/Main) and J. Grima (Baylor University), CESEA. Madrid-Barcelona, 4-7 September 1979 (Bellaterra, Barcelona, Spain).
- Business School Training: Master in Directorships: Creating Innovatory Firms. ESADE (Escuela Superior de Administración y Dirección de Empresas), Barcelona, September 1989-January 1990.

4. Main academic teaching areas.

- Professor of Microbiology in the Biochemistry Degree (1995 to date)
- Professor of Industrial Microbiology in the Biochemistry Degree (1997 to date)
- Professor of Microbiology in the Faculty of Biology (1973 - 1997).
- Professor for doctoral students in: Aquatic Microbiology: basic and applied aspects (1984 - 2000) and Microbial degradation and evaluation of toxic compounds (1987 - 1991).

5. Recent Scientific publications.

- Vives-Rego, J. , R. López-Amorós , T. Guindulain, M.T. García, J.Comas and J. Sánchez-Leal. 2000. Microbial aspects of linear alkylbenzene sulfonate (LAS) degradation in coastal water. *Journal of Surfactants and Detergents* 3: 303-308.
- Vives-Rego, J., P. Lebaron and G. Nebe-von Caron. 2000. Current and future applications of flow cytometry in aquatic microbiology. *FEMS Microbiology Reviews* 24: 429-448.
- García, M.T., I. Ribosa, T. Guindulain, J. Sánchez-Leal and J. Vives-Rego. 2000. Fate and effect of monoalkyl quaternary ammonium surfactants in the aquatic environment. *Environmental Pollution* 111: 169-175.
- Julià, O., Comas-Riu, J. and J. Vives-Rego. 2000. Second-order functions are the simplest correlations between flow cytometric light scatter and bacterial diameter. *Journal of Microbiological Methods* 40: 57-61.
- López-Amorós, R., J.Comas, M.T.García and J.Vives-Rego. 2000. Flow cytometric analysis of a marine LAS-degrading consortia. *Microbios* 101: 23-36.
- Vives-Rego, J., T.Guindulain,E.Vazquez, J.M.Gasol, R.López-Amorós, D.Vaqué and J.Comas. 1999. Assessment of the effects of nutrients and pollutants on coastal bacterioplankton byflow cytometry and SYTO-13 staining. *Microbios* 98: 71-85.
- Lebaron, P., P.Servais, M. Troussellier, C. Courties, J. Vives-Rego, G. Muyzer, L. Bernard, T. Guindulain, H. Schafer and E. Stackebrandt. 1999. Changes in bacterial community structure in seawater mesocosms differing in their nutrient status. *Aquatic Microbial Ecology* 19: 255-267.
- Pukall, R., O. Päufer, D. Buntefus, G. Ulrichs, P. Lebaron, L. Bernard, T. Guindulain, J.Vives-Rego and E. Stackebrandt. 1999. High sequence diversity of *Alteromonas macleodii* - related cloned and cellular 16S rDNAs from a Mediterranean seawater mesocosms experiment. *FEMS Microbiology Ecology* 28: 335 - 344.
- Comas-Riu, J. and J. Vives-Rego. 1999. Use of calcein and SYTO-13 to assess cell cycle phases and osmotic shock effects on *E.coli* and *Staphylococcus aureus* by flow cytometry. *Journal of Microbiological Methods* 34: 215-221.
- López-Amorós, R., J. Comas, M.T. García and J. Vives-Rego. 1998. Use of the 5-cyano-2,3-ditolyl tetrazolium chloride reduction test to assess respiring marine bacteria by flow cytometry during alkyl benzene sulfonate degradation. *FEMS Microbiology Ecology* 27: 33-42.

6. Other professional achievements.

- Submissions as expert witness in prosecutions for environmental offences from 1992 to the date.
- Member of the Editorial Board of *FEMS Microbiology Ecology*, 1993-2000.
- Research project evaluator for the The Israel Science Foundation, April 1999.
- Director of the Department of Microbiology, University of Barcelona (April 1991 - February 1995).
- Revlon Group assesor for evaluation, adjudication, finishing and follow-up of the exploitation sewage treatment plant installed in Plà de Sta. María, Tarragona, Spain, 1992-94.
- Visiting Professor in the Departament of Microbiology, Unversity of Maryland (USA), 1988-1989.

- Invited scientist in the Université Libre de Bruxelles (Belgium, 1982-83): Laboratoire de Microbiologie Marine (CNRS, Marseille, Francia, 1988)
- Guest Professor, Université de Technologie de Compiègne, France, April 1987.