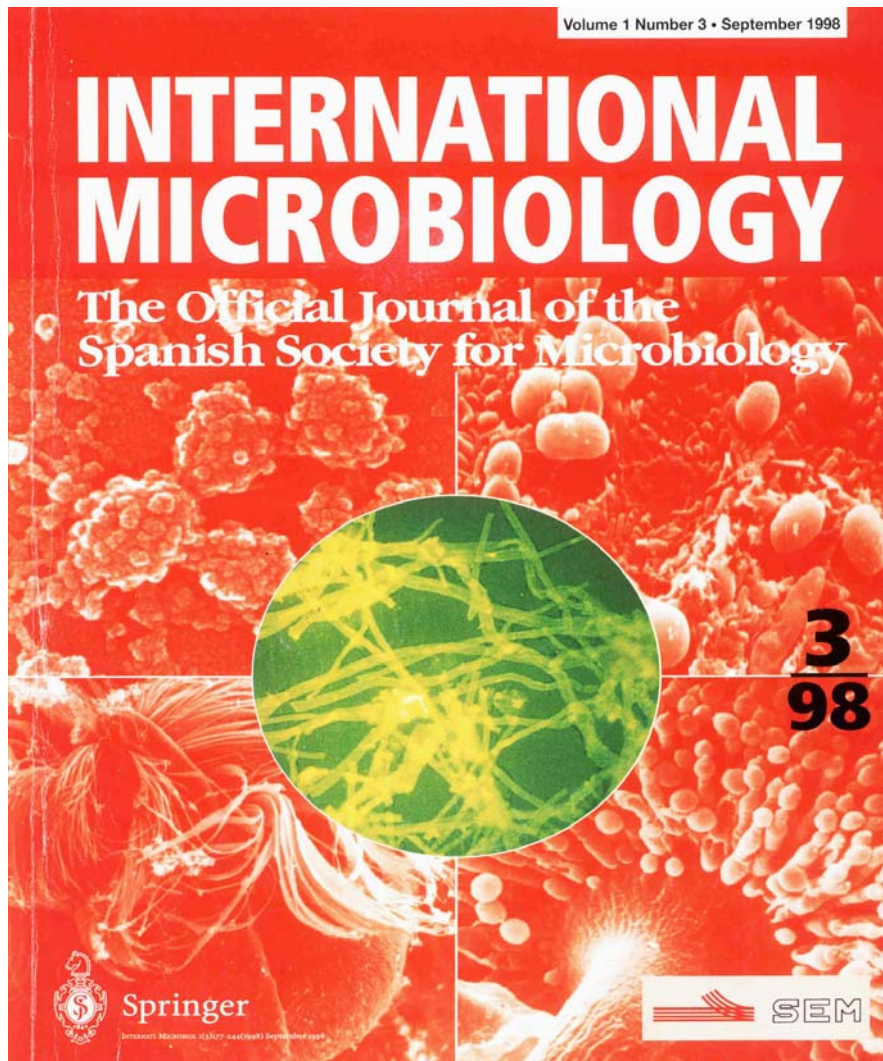


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COVER

CENTER. In situ hybridization after amplification of the target region. The hyphae of *Penicillium* sp. show a brightly green to yellow fluorescence. See Fig. 2B in Sterflinger et al., this issue, pp. 217–220.

Upper left. Simian Immunodeficiency Virus. Scanning electron micrograph of high resolution. Samples were coated with a chromium layer, 2 nm thick. Courtesy of the Electron Microscopy Service, National Center for Microbiology (Instituto de Salud Carlos III), Madrid, Spain. (Magnification, ca. 250,000×)

Upper right. Purple and green sulfur planktonic bacterial community from Lake Cisó (Banyoles, Spain). Scanning electron micrograph by Isabel Esteve, Autonomous University of Barcelona, Spain. (Magnification, ca. 4,500×)

Lower left. The hypermastigote *Staurojoenina* sp. from the hindgut of a Puerto Rican dry wood-eating termite. Scanning electron micrograph by Andrew Wier, University of Massachusetts-Amherst, USA. (Magnification, ca. 1,100×)

Lower right. Conidiophores and conidia of *Aspergillus alliaceus*, IMI 87209. Scanning electron micrograph. Courtesy of Josep Guarro, University Rovira i Virgili, Reus, Spain. (Magnification, ca. 2,100×)