



CURSO

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Infección nosocomial por bacterias
Gram-negativas multirresistentes



Dr. Jordi Vila

Senior Consultant
of the Department of
Clinical Microbiology.
Hospital Clínic.
Barcelona.
Full Professor.
Department
of Microbiology.
University of
Barcelona. School
of Medicine

Current position

- Full Professor, Department of Microbiology, School of Medicine, University of Barcelona (2008).
- Senior Consultant of the Department of Clinical Microbiology, Hospital Clínic, Barcelona, Spain (2023).
- Research Professor in the Institut of Global Health of Barcelona (ISGlobal) (2010).

Academic background

- University of Barcelona. Graduation in Pharmacy (1973-1978).
- University of Barcelona. Biochemistry. Bachelor's degree (Master Thesis, Experimental) (1979-1980).
- University of Barcelona, Ph.D. (Biochemistry). Thesis topic: «Multiple phosphorylation of glycogen synthase. Organization of the phosphorylation sites on the polypeptidic chain» (1980-1985).
- Post-doctoral position in Dr. Michael Weber's laboratory. Department of Microbiology. University of Virginia. School of Medicine (1985-1987).
- Visiting Professor. Center for Genetic Adaptation and Antimicrobial Resistance (Tufts University, Boston, 1995). Dr. S.B. Levy.
- Visiting Professor. Department of Cellular and Molecular Biology. University of California, Berkeley (2000). Dr. N. Cozzarelli.

Professional experience

- Completed the Residence (3 years) in Clinical Microbiology in the University Hospital of Barcelona (1981-1984).
- Consultant of the Clinical Microbiology Laboratory, Hospital Clínic, Barcelona (1987-2000).
- Head of the Section of Bacteriology of the Department of Clinical Microbiology, Hospital Clínic, Barcelona (2000-2009).
- Head of the Department of Clinical Microbiology, Hospital Clínic, Barcelona (2010-2023).
- Assistant Professor of Microbiology, School of Medicine, University of Barcelona (1987-1990).
- Associate Professor of Microbiology, School of Medicine, University of Barcelona (1991-2008).

Activities and participation in scientific societies

- President of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC) (2019-2021).
- Vice-president of the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC) (2017-2019).
- Coordination of the Doctoral Program in Medicine and Translational Research (2014-2019).
- Member of the Scientific Advisory Board of the Joint Programming Initiative on Antimicrobial Resistance (JPIAMR) (2019-present).
- Member of the Scientific Advisory Board of the IDIVAL (Hospital Universitario Marqués de Valdecilla, Santander) (2015-present).

Membership in: Sociedad Española de Bioquímica; Sociedad Española de Microbiología; American Society for Microbiology; Societat Catalana de Biologia; European Society of Clinical Microbiology and Infectious Diseases; Sociedad Española de Quimioterapia and International Society of Travel Medicine.



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Some academic and professional honors

- Amadeo Foz Award from the Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC), 2023.
- Award from the Soria Melguizo Foundation (2022) to the Microbiology Service of the Hospital Clínic de Barcelona in recognition of the contribution of a clinical and research institution to the advancement of Microbiology in Spain.
- Award of the best communication entitled: «*In vitro* antibacterial activity of antiretroviral drugs against representative bacteria of the gut microbiota» presented during the meeting organized by the Societat Catalana de Malalties Infeccioses i Microbiologia Clínica (SCMIMC). Sitges, October 15-16th, 2021.
- Award Josep Barrio to the best publication of the year 2019 entitled: «Diagnostic Value of Platelet and Leukocyte Counts in the Differential Diagnosis of Fever in the Returning Traveler», given by the Societat Catalana de Malalties Infeccioses i Microbiologia Clínica (SCMIMC).
- Award of the National Plan against Antibiotic Resistance (PRAN) 2018 for the Micro-combat card game, presented by the Barcelona Global Health Institute Foundation (ISGlobal) in the category of better communication and public awareness initiative on the antibiotic resistance.
- Award of the European Health Forum Gastein (Austria); March 2017.

Publications

He has participated as an author in more than 500 scientific books and publications, and as main author in more than 40 book chapters.

Patents

- **Holders entities:** UBAR - Universitat de Barcelona / FCRB - Fundació Clínic per a la Recerca Biomèdica / HCPB - Hospital Clínic de Barcelona
Title: Peptidic compounds used as antibacterial agents
Authors: Francesc Rabanal Anglada, Yolanda Cajal Visa, Ariadna Grau Campistany, Jordi Vila Estapé, Xavier Vila Farrés
Date: 10 April 2014
Number: PCT/ES2014/70286
- **Holders entities:** HVR – Hospital Virgen del Rocío / ISGlobal – Institut de Salut Global de Barcelona / HCPB - Hospital Clínic de Barcelona / Institut de Recerca Biomèdica
Title: Peptides against outer membrane protein (OmpA) to treat infections caused by Gram-negative pathogens
Authors: Younes Smani, Jerónimo Pachón, Ernest Giralt, Meritxell Teixidó, Jordi Vila Estapé, Xavier Vila Farrés
Date: 25 September 2015
Number: PCT/EP2015/072166
- **Holders entities:** ISGlobal – Institut de Salut Global de Barcelona UBAR - Universitat de Barcelona / / HCPB - Hospital Clínic de Barcelona
Title: Cyclic peptides with antibacterial activity against multidrug-resistant (MDR) pathogens
Author: Jordi Vila Estapé
Date: June 2023
Number: PCT/EP22382509
- **Holders entities:** ISGlobal – Institut de Salut Global de Barcelona; UBAR - Universitat de Barcelona / / HCPB - Hospital Clínic de Barcelona; Fundació IRSICaixa; IDIBAPS
Title: Elvitegravir as antibacterial agent
Author: Jordi Vila Estapé
Date: November 2023
Number: PCT/EP23383054