

Brief CV. Dr. Antonio Martínez-Murcia

Dr. Antonio Martínez-Murcia (B.Sc. Biochemist/Molecular Biologist, Valencia University 1987; Ph.D. Microbiology, Reading University, UK, 1993), professor of microbiology (Molecular Pathogenicity and Vaccines) at the University “Miguel Hernandez”, Orihuela, Alicante, where also was promoter and director of the “Unidad de Diagnóstico Molecular” (2001). He counts with 30 years’ experience in genetic analysis applied to bacterial phylogeny, evolution, taxonomy, typing, identification and molecular microbial ecology. He has participated in over 30 national and international financed projects, including “C.L.E.A.N.” Coastal Lagoon Eutrophication and Anaerobic Processes, European Community Environment Research Program (1992-1995), AQUACHIP FP5 (2001-2003), CLINICALAIR EUREKA 3350/F1172 2005-2006, HEALTHY-WATER FP6 (2006-2009), AQUAVALENS-FP7 (2013-2018), and ARREST-TB (2019-2020) on the development of diagnostic methods for Tuberculosis. He is co-author of > 80 papers in peer-reviewed journals and book chapters, a patented PCR method (1994), co-director of 8 doctoral theses, and has described 15 new bacterial species. He is an active member of the “Aeromonas Working-group” of the “International Sub-Committee on Vibrionaceae, Aeromonadaceae, and related genera” (International Committee on Systematics of Prokariotes). Regarding activities of transfer of technology, he is the promoter and current director of GENETIC ANALYSIS STRATEGIES SL, developing qPCR assays for > 300 different pathogens of particular interest in **veterinary**, but also in food, water, and clinical environment. Several biotech entrepreneur activities and innovations were awarded in 2002, 2012, and 2015.