

BILBAO

SPAIN

Valvanera Vozmediano

Bio



Dr. Vozmediano is Senior Director of Model Informed development at CTI and Courtesy Faculty at the Center of Pharmacometrics & System Pharmacology (CPSP), University of Florida. She has been working as Assistant Professor at the CPSP. Previously, she was Principal Consultant with Dynakin's Drug Modeling & Consulting group, and she was the Director of the Research & Development Department of the same company since 2008 until she joined the UF as faculty. She received her B.S. in Pharmacy from the University of Basque Country in Spain in 2006 and earned her Ph.D. in Pharmacology in 2011 at the same University. Her doctorate research was completed at Dynakin with the design of pioneering

regulatory standard pediatric investigational plan (PIP) for a new H1 antihistamine drug applying state of the art modeling & simulation (M&S) techniques. Her research activity includes a postdoctoral internship as Marie Curie (B-MOB program) at the University of Florida under the supervision of Professor Hartmut Derendorf and 40+ peer-reviewed publications. Valva is expert in the application of quantitative approaches in support of scientific and regulatory questions on drug development. She has successfully completed several projects in that domain as an industrial consultant in FTIM, Phase I/II questions, PIPs, and bridging studies, including support to successful filings for new drug applications. Her main research interest is on the integration of quantitative approaches to understand the effect of growth, aging and disease on pharmacokinetic and pharmacodynamic processes, and ultimately on treatment response. Valvanera is invited professor for the Master in Drug Development of the University of Basque Country, and she contributes to several courses of the Ph.D. program from the Pharmaceutics Department, University of Florida, and the Florida Winter School.

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Valvanera Vozmediano CONTINUED

Abstract

Academia-industry partnership is a path for innovation and growth providing numerous opportunities to both parties involved. On the one hand, Universities have access to cutting edge technology and state-of-the-art facilities and resources, and are the pipeline to new talent. On the other hand, Industries bring practical real experience and financial resources to the table,



enriching the academic and training environment with real world encounters. In this presentation, I will showcase the collaboration between the Center for Pharmacometrics and Systems Pharmacology of the University of Florida, Neuraxpharm and CTI focused on the application of modeling and simulation to support regulatory interactions, answer regulatory concerns and deficiencies as a model of academia-industry partnership that can serve as a blueprint for future collaborations. The objective is to highlight the importance of a shared strategic approach, and effective communication to ensure the success of industry-academia partnerships.