

Guillermo Velasco was born in Madrid, studied Biology and obtained his PhD degree (1997) at the School of Biology of the Complutense University, Madrid, Spain. After defending his PhD, he got an EMBO long-term fellowship to work in Philip Cohen's laboratory at the MRC Protein Phosphorylation Unit (Dundee, Scotland) on a project aimed at studying the regulation and of the Rho-activated protein kinase (ROCK).

On the year 1999 he got a position as Assistant Teacher at the School of Chemistry of the Complutense University and since the year 2003 he is Associated professor of the Department of Biochemistry and Molecular Biology I.

On the year 2001 he started a line of research aimed at investigating the mechanisms underlying cannabinoid antitumoral action as well as at optimizing the potential clinical utilization of these agents in cancer therapies.

Different lines of research in his group are currently investigating the role of endoplasmic reticulum stress, autophagy, apoptosis, intracellular trafficking of ceramide and regulation of mTORC1 and mTORC2 in cannabinoid antitumoral action as well as the participation of growth factor receptor-activated pathways in the resistance to the antineoplastic actions of cannabinoids.