



Nombre: Gonzalo Villaverde Cantizano

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Posición y cargo: Personal Docente Investigador contratado a cargo de proyecto. Departamento de Química en Ciencias Farmacéuticas.

Grupo de Investigación: Miembro de MATNABIO

Docencia: Grado en Farmacia.

Área de Conocimiento: Química Orgánica, Nanomedicina, química de péptidos, agentes de vectorización para oncología.

ORCID: 0000-0003-2065-0417, **Researcher ID:** L-2250-2014

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Biography: Gonzalo Villaverde Cantizano, Ph.D. in Organic Chemistry from Universidad Autónoma de Madrid in 2011. Chemistry bachelor's degree in 2006 from the same University and Master's degree in Green Chemistry from Universitat Jaume I in 2008. A specialist on the functionalization of inorganic supports with organometallic enantioselective organo-catalysts through covalent grafting methods.

For six years, as Post-doctoral Researcher (UCM and CIBBER-BBN) he has been focused on the nanomedicine applied in oncologic therapies for neuroblastoma, bone cancer, and melanoma: Synthesis, characterization and biological evaluation of new functionalized bioactive peptides, small molecules, and conjugates as new targeting agents, for nano-drugs discovery and formulations for oncology applications... Awarded in 2015 with IDEA 2 Prize (Madrid-MIT Vision + Consortium).

Since May 2019 he is part of the Physical-Chemistry Unit from Departamento de Química en Ciencias Farmacéuticas in the Facultad de Farmacia in Universidad Complutense de Madrid (UCM), working on PLGA encapsulation for image and drug delivery for nanomedicine applications.

Research Interest. Nanotechnology, nanomedicine, peptide, and small molecules synthesis as targeting agents for nanomedicine and oncologic applications, immunotherapy, cell therapy.