**Nombre:** Diego Méndez González

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**Posición y cargo:** Profesor ayudante doctor.

**Grupo de Investigación:** Materiales nano-estructurados bio-activos (MATNABIO).

**Docencia:** Grado en Farmacia.

**Área de Conocimiento:** Química Física.

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**Biography**: Diego Méndez González (San Cristóbal de La Laguna, Tenerife, Spain) received his bachelor degree in pharmacy in 2013, and his Master degree in pharmaceutical sciences in 2014 (Universidad Complutense de Madrid, UCM). He started working in the synthesis of multi-functional Janus nanoparticles at MATNABIO group in 2013. The next year he stayed at Leibniz institute for polymer research in Dresden, Germany, working in the synthesis of nano-composites for SERS and catalytic applications. In 2016 he received a grant from the European Upconversion Network (COST Action CM1403) to develop photoligation-based ultrasensitive detection assays at the University of Turku, Dpt. of biotechnology (Finland). Diego received his PhD in pharmacy by the UCM in 2019 (sobresaliente cum laude; International mention). He was also awarded the PhD extraordinary prize. His PhD work focused on the use of upconverting nanoparticles for the ultra-sensitive detection of RNA/DNA oligonucleotides. After his PhD, he joined the nanoBIG group as a postdoctoral fellow (Universidad Autónoma de Madrid). There he explored the use of nanoparticles to remotely monitor the temperature during magneto / optical thermal therapies. As a researcher from "Instituto Ramón y Cajal de Investigación Sanitaria" (IRYCIS), he also worked on immuno-active luminescent contrast agents, aiming to image and monitor non-small cell lung cancer, while enhancing the hosts' immune response against it. In 2021 he was selected within the international postdoctoral call from the "Turku Collegium for Science and Medicine" (TCSM) and from the national "Juan de la Cierva Formación" program. The same year, he obtained an "profesor ayudante doctor" position at UCM.

**Research interests**: Nanotechnology, bio-detection, nucleic acids, bio-imaging, janus nanoparticles, up-conversion, NIR luminescence, magneto/optical thermal therapies, photochemistry.