

MARIE SKŁODOWSKA-CURIE INDIVIDUAL FELLOWSHIPS 2019
EXPRESSION OF INTEREST FOR HOSTING MARIE CURIE FELLOWS

HOST INSTITUTION

NOVA School of Science and Technology | LAQV – Associated Laboratory for Green Chemistry

RESEARCH GROUP AND URL

CHARM - The Cultural Heritage And Responsive Materials

<https://www.requimte.pt/laqv/index.php/research-groups/cultural-heritage-and-responsive-materials>

SUPERVISOR (NAME AND E-MAIL)

Nuno Basílio

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SHORT CV OF THE SUPERVISOR

Dr. Nuno Basílio is an Auxiliary Researcher hired under the prestigious Individual Call to Scientific Employment Stimulus (National Funding Agency for Science and Technology FCT). He supervised several bachelor, master and PhD students and is co-author of more than 60 papers published in international peer-reviewed journals.

RESEARCHER ID: <http://www.researcherid.com/rid/F-2389-2012>

ORCID:<http://orcid.org/0000-0002-0121-3695>

5 SELECTED PUBLICATIONS

- Basílio, N.*; Pischel, U. Chem. – Eur. J. 2016, 22, 15208-15211. (Hot Paper, featured on the cover).
- Basílio, N.*; Mendoza, J.; Gago, S.; Parola, A. J. Chem. Comm., 2017 DOI: 10.1039/C7CC02432K.
- Romero, M. A.; Fernandes, R. J.; Moro, A. J.; Basílio, N.*; Pischel, U. Chem. Comm., 2018, DOI: 10.1039/C8CC07404F (featured on the inside cover).
- Zubillaga, A.; Ferreira, P.; Parola, A. J.; Gago, S.; Basílio, N.* Chem. Comm., 2018. DOI: 10.1039/C8CC00688A.
- Ferreira, P.; Ventura, B; Barbieri, A.; Da Silva, J. P.; Laia, C. A. T.; Parola, A. J.; Basílio, N.* Chem. – Eur. J. 2019, DOI: 10.1002/chem.201806105 (Hot Paper, featured in Frontispiece)

PROJECT TITLE AND SHORT DESCRIPTION

Dynamic Heterotopic Receptors for Sequence Specific Peptide Recognition

The project proposes an innovative strategy to develop bio-inspired heterotopic assemblies of multiple orthogonal receptors correctly organized for sequence-specific high-affinity binding of peptides.



UNIVERSIDADE
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DE LISBOA

SCIENTIFIC AREA WHERE THE PROJECT FITS BEST

Chemistry (CHE)