



MARIE SKŁODOWSKA-CURIE POSTDOCTORAL FELLOWSHIPS 2021
EXPRESSION OF INTEREST FOR HOSTING MARIE CURIE FELLOWS

HOST INSTITUTION

NOVA University Lisbon | School of Science and Technology
LAQV-REQUIMTE

RESEARCH GROUP AND URL

The Cultural Heritage And Responsive Materials (CHARM)
<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 competitive 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 80 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
- 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)
- Colaço, M; Máximo, P.; Parola, A. J.; Basílio, N.* Chem. - Eur. J. 2019, DOI: 10.1002/chem.202100974 (featured on the cover)

PROJECT TITLE AND SHORT DESCRIPTION

Photoresponsive Molecular Machines for Functional Applications

Development of new photoresponsive rotaxanes and pseudo-rotaxanes for applications in catalysis, drug-delivery and soft-materials.

SCIENTIFIC AREA WHERE THE PROJECT FITS BEST*

Chemistry (CHE)