
Quality analysis of nanoCOVID materials for OOP UPT CAS

Project name and registration number:

Quality analysis of nanoCOVID materials for OOP UPT CAS

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Operational programme, areas of assistance, provider:

Operational Programme of Enterprise and Innovation for Competitiveness,
COVID-19 Innovation Vouchers Programme, Ministry of Industry and Trade (OPPIK)

Applicant:

NAFIGATE Corporation

NAFIGATE Corporation implements the project "Quality analysis of nanoCOVID materials for OOP UPT CAS" from 18.6.2020 to 17.6.2021.

The aim of the project is to test the quality of the newly developed nanoCOVID materials with UTP CAS. UTP is a world-class facility and has the necessary expertise. The cooperation with UTP significantly accelerates the development process and allows testing and reusability of the instruments. Based on the expert services and infrastructure of the UTP of CAS, the aim is to:

1. Develop nanoCOVID materials for personal protective equipment with the highest degree of protection.
2. Test the reusability of nanoCOVID materials to reduce wasteful use of resources.
3. Develop a nanoCOVID composite with a hydrophobic surface treatment and an internal hydrophilic treatment and test it through a WCA (water contact angle) test.

The project is co-funded by the European Union.



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