**PROJECT CO-FUNDED BY EUROPEAN REGIONAL DEVELOPMENT FUNDS (ERDF)**

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**Reference:** B2017/BMD/3731

**Title**: ‘Nanotherapy targeting trained immunity for organ transplant acceptance’ (Nanoterapia dirigida a inmunidad entrenada para la aceptación de trasplante de órganos)

**Financing Entity**: Comunidad de Madrid

**Total amount:** 44.931,50 €

**Amount co-funded by CEU**: 21.000€

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**End date:** 11/03/2022

**Summary:**

Trained immunity is based on epigenetic "memory" in some cells subjected to an inflammatory stimulus that conditions them to react differently to a second stimulus compared to how they would react to that stimulus for the first time. Infections by viruses, bacteria and yeasts are associated with organ transplant rejection and there are now indications that trained immunity plays an important role in organ rejection. The participation of the SAI of Microbiology of Universidad CEU San Pablo School of Pharmacy consists of providing technical and analytical support to the NIETO project.