

NECESSITY REPORT TO ESTABLISH THE CONTRACTING OF THE OPTICAL GENOME MAPPING SERVICE PROVIDED BY PROJECT PI23/00161, FOR THE TRANSLATIONAL IMMUNOLOGY RESEARCH GROUP FUNDACIÓ HOSPITAL UNIVERSITARI VALL HEBRON (VHIR).

Project PI23/00161, funded by Instituto de Salud Carlos III (ISCIII) and co-funded by European Union



2026-017 OGM SERVICE (PI23/00161)

Dr. Roger Colobran Oriol, Principal Investigator for Project PI23/00161 of the Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca, proposes that the corresponding file be included for the Optical Genome Mapping (OGM) services for Project PI23/00161 entitled "*Identificación y caracterización funcional de variantes genéticas estructurales en pacientes con errores congénitos de la inmunidad*", funded by Instituto de Salud Carlos III (ISCIII) and co-funded by European Union for the Translational Immunology Research Group at the Vall Hebron University Hospital Foundation - Research Institute (VHIR).

This molecular technology is part of the basis of the FIS PI23/00161 project. This project aims to identify structural variants in patients with primary immunodeficiencies, and OGM is a very efficient technique for identifying these types of variants.

The required equipment to perform OGM is not provided in our center, so it must be contracted from an external supplier.

As detailed in the Document of Technical Specifications, the provision of services will consist of the high molecular weight DNA extraction and DNA quality control. Preparation of samples for analysis and performance of the OGM technique and delivery of the results obtained.

The duration of the service contract will coincide with the duration of the aforementioned project, which is until 31st December of 2026, the end date of Project PI23/00161. The service will start on the day after the contract is formalized, and its duration will coincide with the duration of the aforementioned project. It will be understood to be formalized on the date of the last digital signature.

However, if this project were to be found, for any unforeseen reasons, subject to the request of a possible extension, the end date will be susceptible to being extended, at most to the one that is finally authorized.

The total maximum budget is "FIFTY-TWO THOUSAND AND FIVE HUNDRED EUROS" (52.500,00 €), VAT exempted, which is financed by the Project PI23/00161 entitled "*Identificación y caracterización funcional de variantes genéticas estructurales en pacientes con errores congénitos de la inmunidad*", funded by Instituto de Salud Carlos III (ISCIII) and co-funded by European Union.

In view of all of the above,

IT IS HEREBY DECIDED:

- 1.- To order the opening of the tender file for the Optical Genome Mapping (OGM) services for Project PI23/00161 entitled *“Identificación y caracterización funcional de variantes genéticas estructurales en pacientes con errores congénitos de la inmunidad”*, funded by Instituto de Salud Carlos III (ISCIII) and co-funded by European Union for the Translational Immunology Research Group at the Vall Hebron University Hospital Foundation - Research Institute (VHIR), the maximum budget for this tender is set at 52.500,00 €, VAT exempted.
- 2.- To order the certification of the existence of sufficient credit to certify that the VHIR has a sufficient budgetary endowment to face the expenses arising from this tender file.
- 3.- To draft the Specific Administrative Bidding Conditions and Technical Specifications in accordance with the provisions of the aforementioned Law.

Barcelona, on the digital signature date.

RESPONSIBLE

Dr. Roger Colobran Oriol

Principal Investigator for Project PI23/00161

Fundació Hospital Universitari Vall d'Hebron - Institut de Recerca