**Data access request**

Application Form for Access to 'STEMI Van Blokland 2024' scRNA-seq data

**1. Email address**

Click or tap here to enter text.

**2. Name and position of the Applicant**

*Including employment or affiliation with any organization. Please ensure that a full postal address is included.*

Click or tap here to enter text.

**3. Title of the study**

*In less than 150 characters*

Click or tap here to enter text.

**4. Research Question**  
*Please describe the study in no more than 4000 characters. Include: A. outline of the study design; B. an indication of the methodologies to be used; C. proposed use of the Project Data; D. preceding peer-reviews of the study (if any present); E. specific details of what you plan to do with the Project Data; F. timeline; G. key references.*

Click or tap here to enter text.

**5. Consent and Approvals**

*If your proposed use of Project Data involves use of your own data, please confirm that you have obtained all approvals required by the rules and regulations of your jurisdiction, including your institution’s institutional rules, and the consent of your data subjects, for your use of your own data in the study, by ticking the following box:*

Yes, I obtained all approvals required

No

**6. Project Data applied for:**

*Please note:*  
*- The gene expression count matrix is freely downloadable from* [*https://www.eqtlgen.org/sc/datasets/*](https://www.eqtlgen.org/sc/datasets/)*blokland2024.html (for the 38 STEMI patients) and* [*https://www.eqtlgen.org/sc/datasets/1m-scbloodnl.html*](https://www.eqtlgen.org/sc/datasets/1m-scbloodnl.html) *(for the 38 age- and sex-matched controls, ) without the need to request approval.  
- Raw and processed sequence data can be downloaded from the EGA after obtaining approval through this form. Please specify whether access is needed to only the 38 STEMI patients or also the 38 age- and sex-matched controls from our previous publication (Oelen et al. 2022).  
- Access to the genotype data (that can never be downloaded!) will be facilitated through our HPC cluster after obtaining approval through this form.*

Raw and processed sequence data (sequences are linked to the individuals) for single-cell RNA-sequencing for 38 STEMI patients (EGAD00001010064)

Raw and processed sequence data (sequences are linked to the individuals) for single-cell RNA-sequencing of 38 controls (part of EGAD00001007764)

Imputed genotype data (38 STEMI patients and 38 controls)

**7. Resources, Feasibility & Expertise**

*Please confirm that you have secured funding for your proposed use of the Project Data and that you will carry out your research within a reasonable period of time after the granting of this application: by ticking the following box:*

Yes, I have funding to carry out the proposed research

No

**8. Expertise**

*Please describe your experience and expertise, and that of your collaborators, and how this will be applied to the proposed study (in 1500 characters).*

Click or tap here to enter text.

**9. Publications**

*Please provide a list of recent publications (max 10).*

Click or tap here to enter text.

**10. Signed data access agreement**

*Please send this completed Word file and a signed (by the PI and institute) data access agreement (*[*https://molgenis26.gcc.rug.nl/downloads/scrna-seq/blokland2024/20241011-DataSharingAgreement-186135\_VanBlokland2024.docx*](https://molgenis26.gcc.rug.nl/downloads/scrna-seq/blokland2024/2024_ELSI_DSA_UMCG_provider_personal_data_outside_EEA_VanBlokland2024.docx)*) to: m.g.p.van.der.wijst[at]umcg.nl.*