Amsterdam UMC
University Medical Centers

Core Facility Genomics

Newsletter – April 2026

TOPICS

Invoicing, moving towards PANAMA numbers

Revision of service agreements (DVO)

RNA-sequencing at the CFG, what are the advantages?

CFG LIMS

HPC Kick-Off 16th of April

Invoicing, moving towards PANAMA numbers

Despite the postponement of 1ERP to 2027, there have been financial changes implemented that affect our registration and invoicing processes.

We use data from the Masterdata Panama database to review all WBS numbers (AMC) and Oracle project numbers (VUMC) in our CFG LIMS system.

1. We register the project end date.
2. If necessary, we correct the project leader.
3. We deactivate projects that are not ACTIVE.

Furthermore, we are working on adapting CFG LIMS for the PANAMA numbers. This means that all registered WBS numbers and Oracle VUMC numbers will be converted in the background in CFG LIMS to the PANAMA number. This ensures that the history is preserved, but the PANAMA number will be visible instead of the WBS or project number. All CFG users will receive an email when this is scheduled. From that moment on, registration will only be possible with PANAMA numbers. All PANAMA numbers will be invoiced accordingly.

The *kostenplaatsen* will not change this year, so there will be no changes in CFG LIMS regarding cost centers for now. These will continue to be invoiced per IDB. As of January 1, 2027, the cost centers will be harmonized. For this, we will use the data from the following database: Kostenplaats was-wordt - Power BI Report Server. At that time, we will also change the numbers in the background to ensure the history is preserved in CFG LIMS.

Revision of service agreements (DVO)

Every two years, the Dienstverlenings overeenkomst (service agreement, DVO) that we place in K2 are reviewed. We aim for a maximum of one DVO per department, in coordination with the department head. This may include agreements with multiple diagnostic and/or research sections.
We work as much as possible based on the AmsterdamUMC organizational chart and, where available, division and departmental organization charts. This means that department names and abbreviations in CFG LIMS will be adjusted if necessary.

CFG Newsletter – April 2026

RNA-sequencing at the CFG, what are the advantages?

Most CFG users have probably heard of or are already using RNA sequencing (RNA-seq). It can provide an accurate transcriptome analysis allowing researchers to study gene expression changes, alternative splicing, and discover novel transcripts amongst others, depending on the protocols used. More specialized alternatives such as single cell RNA-sequencing even allow measurements of gene expression in individual cells, that can help identify cell types, states, and heterogeneity within (complex) tissues. Here we would like to highlight the many advantages of performing RNA-seq at the CFG of Amsterdam UMC.

- **High-quality output according to ISO standard**
  Our ISO certified lab provides diagnostic grade standard operating procedures and pipelines for RNA-seq ensuring reliability and high-quality output.

- **Flexibility in design and continuous support**
  Flexibility in choice and experimental design is very important to researchers. Researchers want to choose the right tool for the right job. At the CFG we acknowledge this and provide an intake at the start of experimental planning where we discuss experimental design, quality control, and the choice of the right protocols and machines.
  For instance, the number of samples and reads are discussed, type of RNA-sequencing needed, we give help with interpretation of the RNA-profiles (TapeStation) and can also give references to other customers doing similar type of work. Moreover, if further advice is needed or customers have additional questions, we are always available, in person, at both Amsterdam UMC locations or via phone or email.

- **Data analysis infrastructure present**
  We are closely collaborating with the Advance Compute & Data Core to provide state-of-the-art high-performance computing which is directly connected to the CFG sequencers. This allows researchers to work on their generated data, without the need to transfer large datasets to various locations. Currently, ACDC facilitates the use of Helios HPC and R2 genomics analysis and visualisation platform.

- **User controls RNA quality**
  As the user knows their own cells/tissues/animals the best, they extract their own RNA and are therefore in complete control of the RNA quality and amount. In this way, the best possible quality RNA is delivered for RNA-sequencing resulting in high quality data.

- **Possibility to rerun sequencing libraries**
  Library preps are kept for 6 months; if more sequencing data is needed, we can easily perform extra sequencing without the need for additional (costly) library preparation.

- **GDPR certified**
  We are GDPR certified, which means we comply with data protection laws and can process human samples without restrictions. All the sequencing data is stored within the Netherlands.

- **Not-for-profit**
  We operate on a not-for-profit basis; all revenue is going back into the CFG to maintain personnel, machines, and invest in new technologies so we can continue to provide our users with state-of-the-art genomic technology.

Contact CFG at
cfg@amsterdamumc.nl
Or go to our website
CFG.Amsterdamumc.nl

CFG Newsletter – April 2026

CFG LIMS system

Since a while we are using our CFG LIMS system. Many CFG users are already registered in CFG LIMS. To streamline this registration, we would like to point out some information from our Registration procedure.

- Make sure you use your AmsterdamUMC username, instead of the P-number.
- Make sure the declaration number and location of registration of the number are correct.

If there are any questions about CFG LIMS, please contact us.

The CFG is constantly expanding which services and devices can be submitted or registered via CFG LIMS. The latest addition is the reservation of the LC480 at the AMC location. How to make the reservation is written here Lightcycler 480.
To standardize all processes and make them suitable for CFG LIMS, Tapestation submissions are now also registered with a submission ID and sticker. Here, it is described how this procedure works: CFG: Tapestation user submission procedure.

We are continuous updating our Submission forms. To make sure you use the most up-to-date form, please always download the form from the CFG website or K2.

HPC Kick-Off 16th of April

Are you faced with tedious data analysis tasks? Are you looking to automate your workflow? Is the amount of data ever increasing and is Excel starting to give you headaches?

On Thursday the 16th of April we are organizing a Kick-Off where we officially open Helios, the High Performance Compute facility of the Amsterdam UMC. Helios is intended for both research and diagnostics applications and provides the latest CPU and GPU architectures for AI & big data workloads.

Please register if you are planning to attend: Helios Kick Off Registration

For more information, you can find the flyer on our website Upcoming CFG Meetings | Amsterdam UMC.

Contact CFG at
cfg@amsterdamumc.nl
Or go to our website
CFG.Amsterdamumc.nl