



## Reproducible computational pipelines with Nextflow

6th February 2024 - 10:00-17:30  
7th, 8th & 9th February 2024 - 14:00-17:30

### Organizers

CRG Bioinformatics Unit

### Topics

- \* Docker/Singularity containers:
  - Locate, fetch, execute/run Docker/Singularity images
  - Build Docker container from an existing recipe
  - Design/Write a Docker recipe
  - Convert a Docker image to a Singularity image
- \* Nextflow:
  - Locate and fetch Nextflow pipelines from dedicated repositories
  - Execute/Run, test and modify a Nextflow pipeline
  - Develop a Nextflow pipeline from scratch
  - Run pipeline in diverse computational environments (local, HPC, cloud)

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