



## Publication by BBMRI.at partner Med Uni Wien Biobank

## Delays during PBMC isolation have a moderate effect on yield, but severely compromise cell viability

## Clin Chem Lab Med. 2022 Jan 27

One of BBMRI.at's core competences is quality management and a particular focus is put on the pre-analytical phase, which can significantly alter an analytical outcome and lead to incorrect results. Experts at Med Uni Wien Biobank therefore investigate a critical step during the isolation of peripheral blood mononuclear cells (PBMCs). PBMCs are widely used in clinical routine and research.

Their studies show that a 24h delayed processing of cells after Ficoll gradient centrifugation led to substantial decrease in cell viability with increased apoptosis.

## For details see original publication>

Golke T, Mucher P, Schmidt P, Radakovics A, Repl M, Hofer P, Perkmann T, Fondi M, Schmetterer KG, Haslacher H. Delays during PBMC isolation have a moderate effect on yield, but severly compromise cell viability. Clin Chem Lab Med. 2022 Jan 27. doi: 10.1515/cclm-2022-0003. Epub ahead of print. PMID: 35085430.

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Image. Clin Chem Lab Med. 2022 Jan 27

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Funded by GZ 10.470/0016-II/3/2013 (2013-2018) BMBWF-10.470/0010-V/3c/2018 (2018-2023) Login