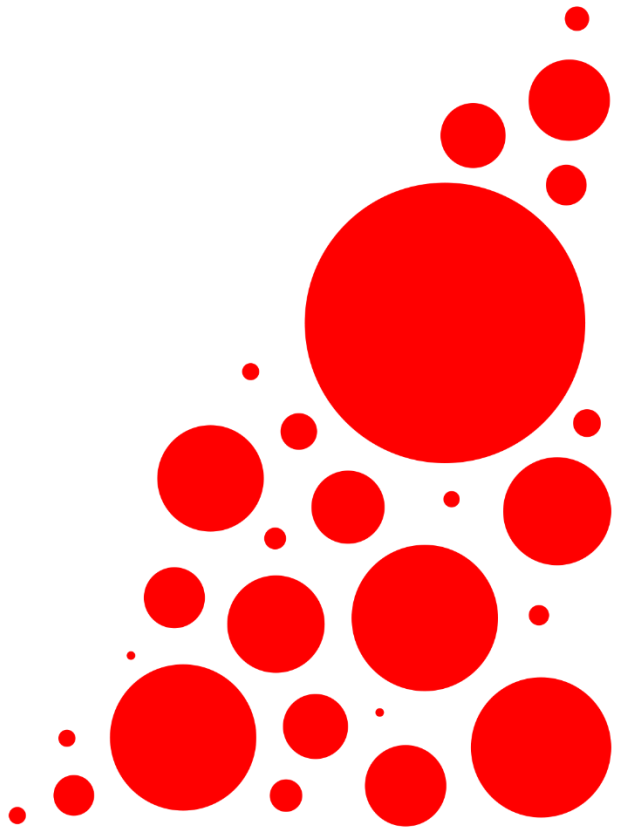


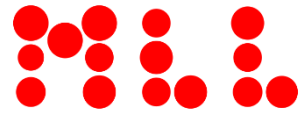
See behind. Go beyond.

Clinical Studies.

MLL Münchner Leukämielabor GmbH



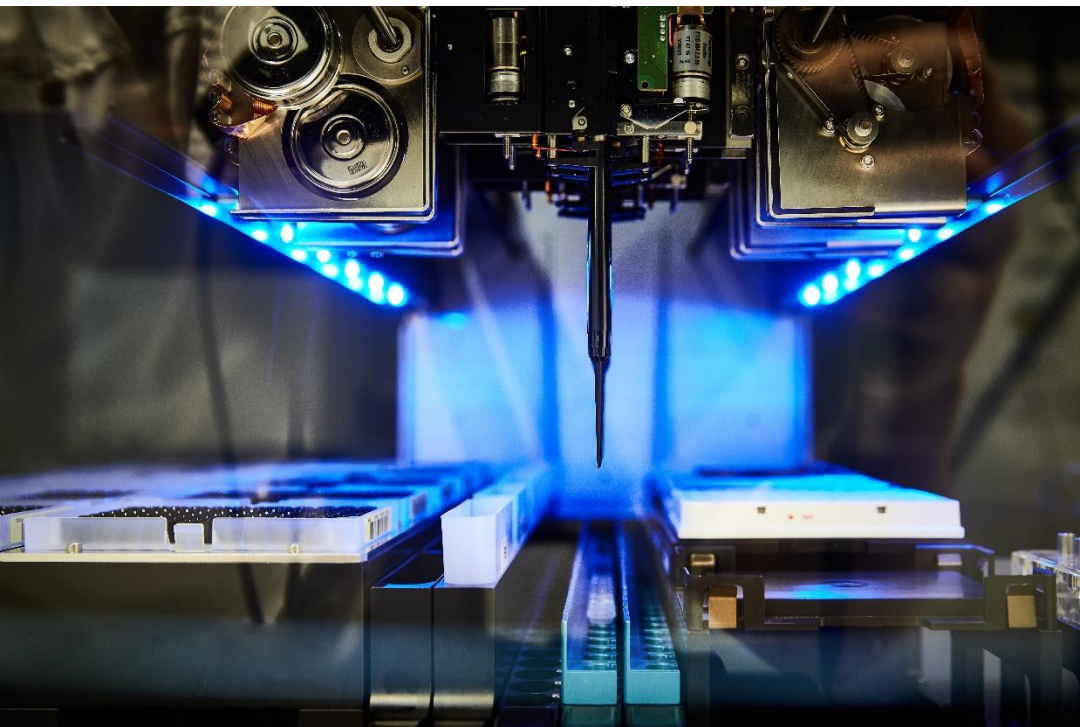
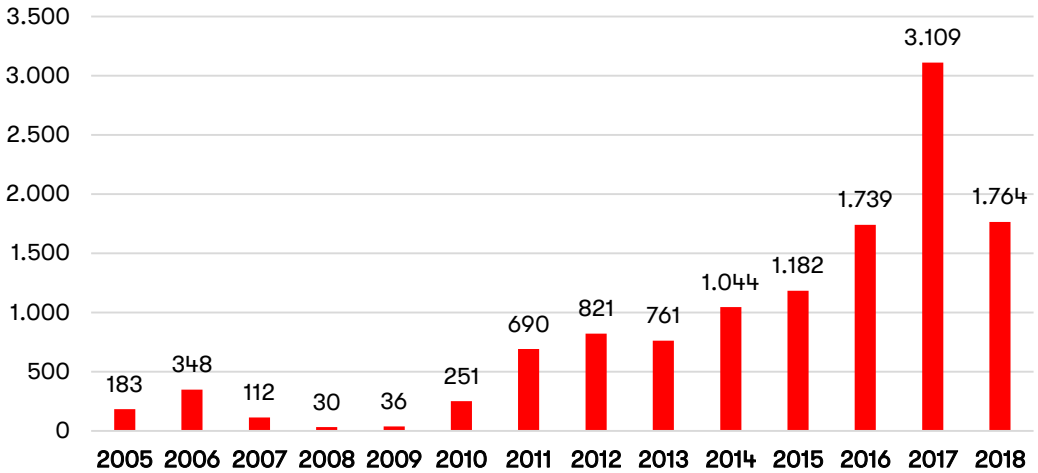
Shaping the future.

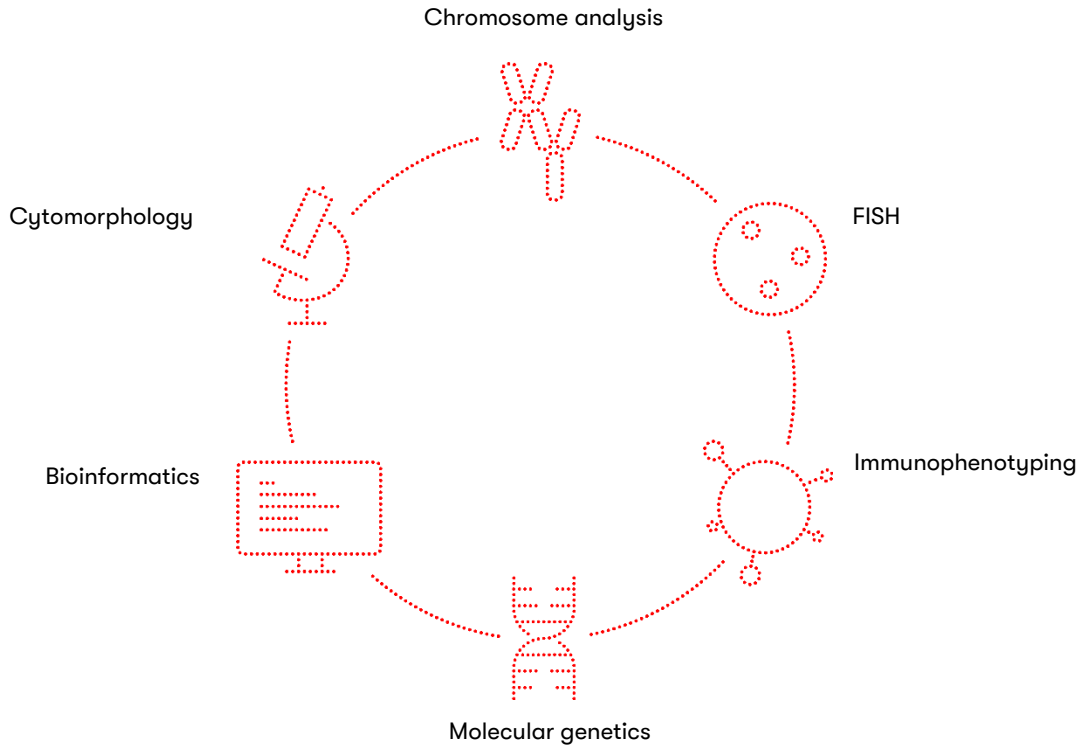


A reliable partner in clinical studies

The MLL Munich Leukemia Laboratory stands for state of the art diagnostics in hematological disorders. Six divisions - cytomorphology, immunophenotyping, chromosome analysis, fluorescence in situ hybridization, molecular genetics and bioinformatics - work hand in hand to provide comprehensive and reports in a short turn-around time. The MLL is driven to improve the outcome of patients with hematological diseases. Therefore, we are not only providing optimal diagnostics, but also cooperate with research and industry partners to better understand the biology and treatment of hematological neoplasms. We want to push the diagnostic and prognostic evaluation and monitoring forward, to advance and explore treatment options. As a reliable partner in the conduct of clinical trials, we already analyze in average six study samples per day.

Anzahl Studieneinsendungen 2005-2018 n=12.070



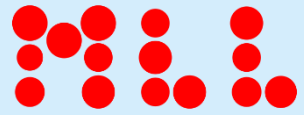


Medical Documentation

An in-house medical documentation division is the central hub for the communication with our study partners, including sponsors, study centers and Clinical Research Organizations. Depending on the respective study design, the findings are provided as medical reports or in the form of a data transfer.

A world-leading and customizable diagnostics portfolio

- Integrated diagnostics using cytomorphology, immunophenotyping, cytogenetics and molecular genetics to comprehensively characterize each study sample
- Our methods not only allow for diagnostic evaluation but also inform risk stratification, aid therapeutic decisions and enable monitoring of response to therapy and measurable residual disease (MRD)
- Our offer of FISH probes and molecular markers is always up-to-date with current guidelines, recommendations and literature and reflects the state of knowledge
- Since 2009 we have been accredited according to the international standards DIN EN ISO 15189 "Medical laboratories - special requirements for quality and competence" and DIN EN ISO/IEC 17025 "General requirements for the competence of testing and calibration laboratories" and have successfully maintained these accreditations since then.
- Our diagnostic offer can also be customized to meet given requirements








Which test material to send and which anticoagulant to use?

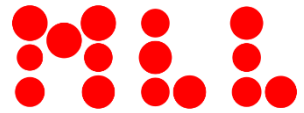
The ideal test material strongly depends on the respective (suspected) diagnosis and the evaluation method, while the optimal anticoagulant varies between methods.

Potential test materials

- Bone marrow aspirate (EDTA or heparin)
- Peripheral blood (EDTA or heparin)

Cytomorphology	Immunophenotyping	Chromosome analysis	FISH	Molecular genetics
EDTA or citrate	heparin, EDTA or citrate	heparin	heparin (EDTA or citrate can be used alternatively)	heparin, EDTA or citrate
				
Bone marrow (usually)	Bone marrow or peripheral blood	Bone marrow; Peripheral blood for CLL and if malignant cells are present in the blood	Bone marrow or peripheral blood (suitable, if malignant cells are present in the blood)	Bone marrow or peripheral blood (suitable, if malignant cells are present in the blood)





When should samples arrive at the MLL?

Samples should arrive within 48 h after sampling. The MLL accepts material Monday to Saturday and on Sundays by prior notice.

Which information should be provided by study partners?

- Contact information of all partners involved
- Study protocol
- Appropriate requisition form with each sample (which includes subject ID, date of sampling, date of birth, planned study visits, accession number, name of sender)

Can samples be stored at the MLL?

Yes, the MLL provides sample storage, by either cryopreservation or storage of the cells in RLT buffer. Additionally, extracted DNA can be stored .



Contact us.

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