



Department of Hematology, Hemostasis,  
Oncology and Stem Cell Transplantation:

## Outstanding Competence

in

- Patient Care
- Science
- Education



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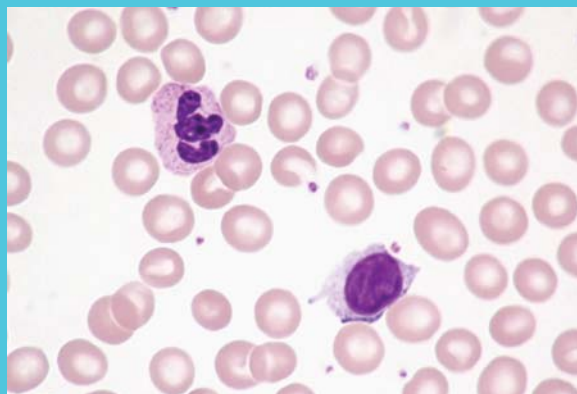
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**Klinik**  
**für Hämatologie,**  
**Hämostaseologie, Onkologie**  
**und Stammzelltransplantation,**  
**Direktor: Prof. Dr. Arnold Ganser**



Hannover Medical School  
Department of Hematology, Hemostasis,  
Oncology and Stem Cell Transplantation,  
Director: Prof. Dr. Arnold Ganser

**Akute myeloische Leukämie**

(acute myeloid leukemia)

**Chronisch myeloische Leukämie**

(chronic myeloid leukemia)

**Akute lymphatische Leukämie**

(acute lymphatic leukemia)

**Chronisch lymphatische Leukämie**

(chronic lymphatic leukemia)

**Non-Hodgkin-Lymphome**

(Non-Hodgkin Lymphoma)

**Morbus Hodgkin**

(Hodgkin's Disease)

**Multiples Myelom**

(Multiple Myeloma)

**Myelodysplastische Syndrome**

(Myelodysplastic syndromes)

**Myeloproliferative Erkrankungen**

(Myeloproliferative diseases)

**Anämien / Thrombozytopenien**

(Anaemia / Thrombocytopenia)

**Metastasierte Hodentumoren**

(metastatic testicular cancer)

**Knochen- und Weichteilsarkome**

(Bone and Soft-Tissue Sarcoma)

**metastasierte solide Tumoren**

(metastatic solid tumors)

**Hämophilie**

(Hemophilia)

**angeborene und erworbene Gerinnungsstörungen**

(inborn and acquired hemorrhagic disorder)

**Internistische und hämatologische Diagnostik**

(internal and hematological diagnostic)

**Interdisziplinäre onkologische Therapiekonzepte**

(multidisciplinary oncologic therapies)

**Internistisch-onkologische Tumortherapie**

(oncologic therapies/chemotherapy)

**Knochenmark- und Blutstammzelltransplantation**

(Bone marrow and haemopoietic stem cell transplantation)

The Department of Hematology, Hemostasis, Oncology and Stem Cell Transplantation of Hannover Medical School is a nationally and internationally well-known institution with more than 50 physicians, psychologists, scientists, and many additional specialists like nurses for in- and outpatient care, laboratory technicians, documentalists, trial-manager, secretaries and administrative personnel. Since 1995, the department is headed by Professor Dr. Arnold Ganser.



In our department we have an hematologic-oncologic intensive care unit (28 beds), a ward for bone marrow and stem cell transplantation in adults (20 beds), additional treatment facilities in an interdisciplinary oncology unit (5 beds), an outpatient-unit for chemo-/ immunotherapy and transfusions (12 treatment chairs), several highly-specialized outpatient clinics, laboratories for hematology, hemostasis, cytology and FACS-analysis of blood and bone marrow cells, molecular genetics as well as several scientific laboratories. All wards fulfil the highest criteria for infection prophylaxis with high-efficiency air filtration and positive pressure air conditioning.

Our patients receive optimal and individual diagnostic work-up and treatment according to the current medical guidelines and latest scientific findings in cooperation with all the other medical and surgical disciplines present at MHH. Most sophisticated diagnostic tools and regular tumour board meetings allow the individual design of therapy for each patient. In this way we can realize the best treatment results possible: cure, extension of life with a good quality of life, pain control.

The purpose of our scientific research is to improve the treatment results for our patients continuously with rapid translation from bench to bedside. Within the national and international clinical trials we offer the chance of treatment with the most recent and promising new methods and medication. Our department enjoys an excellent international reputation. Prof. Ganser is chairman of the German-Austrian AML-Trial-Group (AMLSG), of the German MDS-Trial-Group and from 2008 Chairman of the International Members Committee of the American Society of Hematology as well as member of the Communications and the Awards Committee of the American Society of Hematology. He is editor-in-chief of the 'Annals of Hematology'.

**Portrait of the Hannover Medical School****Patient care (current status)**

Number of beds: 1,419

Outpatients: 144,610

Inpatients: 47,966

Average length of stay: 8.4 days

Average occupancy rate: 82 %

Areas of specialisation:

- The entire range of superior services provided by a major medical facility
  - The MHH is internationally most renowned for transplant medicine and related immunological fields.
- Other areas of specialisation include:
- Disorders of the immune system and infectious diseases (particularly of the liver)
  - Oncology, paediatric and adult (male and female)
  - Cardiac, vascular and respiratory medicine
  - Restorative surgery, e.g. accident and emergency surgery, urology, and high-tech hearing aids (cochlear implants)

**Research**

Four Collaborative Research Centres (SFB) of the Deutsche Forschungsgemeinschaft (DFG), three Research Training Groups (GK), two DFG European GK, eight (clinical) DFG Research Groups, six Networks of Competence – funded by the Federal Ministry for Education and Research (BMBF).

- Infection, immunity and inflammation
- Transplants and stem cell research
- Biomedical technology and implants
- Public health and healthcare systems

Total grant funding: ca. 43 million EUR (2005)

**Courses of study**

- Medicine (revised curriculum since winter semester 2005/2006)
  - Dentistry
  - Supplementary course "Public Health and Healthcare Systems"
  - Post-graduate MD/PhD course "Molecular Medicine"
  - Master program Biomedicine (winter semester 2006/2007)
  - Master program Biochemistry (winter semester 2008/2009)
- Further courses in collaboration with the University of Hannover and the University of Veterinary Medicine Hannover.