Health in focus.
Pioneering in medical care, research and teaching.

Networked Expertise
Our interdisciplinary centers introduce themselves

Universitätsklinikum Würzburg
Josef-Schneider-Straße 2
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Tel +49 (0)931 / 201-0
www.uk-wuerzburg.de
### Overview of our Interdisciplinary Centers

**Outstandingly sponsored by external funds:**

<table>
<thead>
<tr>
<th>Center</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comprehensive Cancer Center (CC) Mainfranken</td>
<td>02</td>
</tr>
<tr>
<td>Oncology Center Würzburg (OZW)</td>
<td>03</td>
</tr>
<tr>
<td>Breast Cancer Center</td>
<td>04</td>
</tr>
<tr>
<td>Interdisciplinary Center for Colorectal and Pancreatic Cancer Center</td>
<td>05</td>
</tr>
<tr>
<td>Skin Cancer Center</td>
<td>06</td>
</tr>
<tr>
<td>Head and Neck Cancer Center</td>
<td>07</td>
</tr>
<tr>
<td>Center for Neuro-Oncology (NTZ)</td>
<td>08</td>
</tr>
<tr>
<td>Center for Neuroendocrine Cancer (NET)</td>
<td>09</td>
</tr>
<tr>
<td>Center for Stem Cell Therapy and Transplantation</td>
<td>10</td>
</tr>
<tr>
<td>Comprehensive Hearing Center (CHO)</td>
<td>11</td>
</tr>
<tr>
<td>Comprehensive Heart Failure Center</td>
<td>12</td>
</tr>
<tr>
<td>Radiation Emergency Center</td>
<td></td>
</tr>
<tr>
<td>WHD REMMPAN Collaborating Center</td>
<td>14</td>
</tr>
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<td></td>
</tr>
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</tr>
<tr>
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</tr>
<tr>
<td>Center for Craniofacial Surgery</td>
</tr>
<tr>
<td>Fabry Center for interdisciplinary therapy</td>
</tr>
<tr>
<td>Center for Developmental Pediatrics</td>
</tr>
<tr>
<td>Cardiovascular Center Würzburg</td>
</tr>
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<td>Local Network for the treatment of Heart Attack</td>
</tr>
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<td>Interdisciplinary Neurogerontopsychiatric Day Care Unit</td>
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<tr>
<td>Interdisciplinary Psychosomatic Day Care Unit</td>
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**Centers that primarily serve the research:**

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<td>Interdisciplinary Center for Clinical Research</td>
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<td>Clinical Trial Center Würzburg</td>
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<td>Research Center for Infectious Diseases (ZINF)</td>
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www.uk-wuerzburg.de

You can find further information about our departments in our brochure “Across the University Hospital”.

Contact for foreign patients: pat_foreign@klinik.uni-wuerzburg.de

In addition to the listed main focuses of our facilities we refer to the Research Report of the Medical Faculty of the University Würzburg on www.uni-wuerzburg.de/ueber/fakultaeten/medizin/dekant
**Programs and services**

- Interdisciplinary Oncology Center of Excellence
- Member of the CCC-network by Deutsche Krebshilfe (DKH)
- Certified patient care at OZW and affiliated facilities
- Bundled competency in further supply centers: pediatric oncology center, stem cell center, center for neuroendocrine tumors, center for palliative care
- Center of experimental oncology
- Cutting-edge translational cancer research and trans disciplinary research
- Research focuses: targeted therapies, tumor-immunology, molecular imaging
- Biobank

**Cooperating institutions**

- Early Clinical Trial Unit – ECTU
- Interdisciplinary Outpatient Clinic for Solid Tumors (ISAST)
- Competence network throughout Franconia
- Program for education, training and career

**Programs and services**

- Certified cancer treatment center (DKG)
- Interdisciplinary treatment plan and uniform standards of diagnosis, treatment and prevention
- More than 10,000 patients per year
- Treatment and therapy of all tumors
- 5 organ cancer centers: breast center, colorectal and pancreatic cancer center, skin cancer center, head and neck cancer center, center for neuro-oncology
- Interdisciplinary Center of palliative medicine
- Member of the Comprehensive Cancer Center (CCC) Mainfranken
- 14 tumor board meetings weekly
- Psycho-oncological care at all departments
- Interdisciplinary oncology day center

**Cooperating institutions**

- All clinical departments of the University Hospital Würzburg
- Cooperative partners in Würzburg and the surrounding area

**Contact**

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Breast Cancer Center

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Contact: Michaela Roth
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www.frauenklinik.uk-wuerzburg.de/brustzentrum

Cooperating institutions

- Department of Obstetrics and Gynaecology
- Department of Internal Medicine II, special focus oncology
- Department of Radiation Oncology
- Institute of Pathology
- Institute of Human Genetics
- Institute of Psychiatry and Medical Psychology

- All aspects of breast cancer comprising of prevention, diagnosis, treatment and follow up are offered in one building
- All modern techniques of breast surgery including sentinel node biopsy and oncoplastic procedures are performed
- The whole scope of diagnostic tools including MRI-guided biopsies and tomosynthesis is available
- Member of the German Consortium for hereditary Breast and Ovarian Cancer
- Consultation hours for patients with hereditary cancer offering an intensified prevention-program including prophylactic surgery
- Treatment by an interdisciplinary team of experts

Interdisciplinary Center for Colorectal and Pancreatic Cancer Center

Director: Prof. Dr. Christoph-Thomas Germer
Contact Colorectal Cancer: PD Dr. Jörg Pelz
Tel +49 (0)931 / 201-31170
Contact Pancreatic Cancer Center: PD Dr. Ulrich Steger
Tel +49 (0)931 / 201-31042
www.zom-wuerzburg.de

Cooperating institutions

- Certified Colon Cancer Center (Deutsche Krebsgesellschaft e.V.)
- Patient-oriented and modern therapy of gastrointestinal tumors
- Individual treatments starting with diagnostic up to rehabilitation
- Interdisciplinary consultation-hour for patients with cancer, increasing from the colon up to liver or upper GI
- Innovative therapy modalities (e.g. SIRT and Chemoembolization)
- Additional Immunology treatment concepts to support therapeutic practices
- Clinical studies and multiple research programs, e.g., tumor metabolism or molecular Oncoimmunology
- Interdisciplinary tumor boards to discuss and determine a gentle treatment with as low side effects as possible
- Psychosocial, technical and pastoral support and cooperation with the self-help group ILCO e.V.

- Department of General, Visceral, Vascular and Pediatric Surgery
- Department of Internal Medicine II, special focus Hematology, Oncology and Gastroenterology
- Institute of Radiology
- Department of Radiation Oncology
- Members of the Comprehensive Cancer Center Mainfranken
- Specialized resident gastroenterologists
Programs and services
▶ Early detection, diagnostics, therapy, and follow-up care of patients with skin cancer (melanoma, epithelial tumors, cutaneous B- and T-cell-lymphoma, Merkel cell carcinoma, and other less common entities)
▶ Dermatologic surgery of malignant skin tumors including excision of sentinel lymph nodes
▶ Dermatohistopathology
▶ Therapeutic decisions based on weekly multidisciplinary tumor board meetings
▶ Chemotherapy, Immunotherapy, and treatment with new cancer medications such as kinase inhibitors or antibodies
▶ Participation in national and international clinical trials
▶ Special consultations providing interdisciplinary collaboration with other medical disciplines

Cooperating institutions
▶ Department of Dermatology, Venereology and Allergology
▶ Department of Internal Medicine II, special focus Oncology and Haematology
▶ Institute of Radiology
▶ Department of Radiation Oncology
▶ Department of General, Visceral, Vascular and Paediatric Surgery
▶ Department of Nuclear Medicine
▶ Other cooperating hospitals/institutions and practice-based physicians

Programs and services
▶ Treatment of all benign and malignant tumors of the lips, the oral cavity, the pharynx, the larynx, the salivary glands, the parapharyngeal, the skull base and the facial skin
▶ Multimodal therapy regimes
▶ High experience with organ preserving therapy concepts
▶ Phoniatric support for patients with voice disorders and dysphagia
▶ Reduction of the incidence of head and neck malignancies by prevention and counselling
▶ Post-therapeutic follow-up care
▶ Research activities in diagnostics, medical and surgical therapy strategies and quality of life
▶ Training and education programs for patients and colleagues

Cooperating institutions
▶ Department of Radiation Oncology
▶ Department of Internal Medicine II, special focus Haematology and Oncology
▶ Department of Nuclear Medicine
▶ Psychooncological service
▶ Social service
▶ Self-help groups, e.g. TULPE e.V., Verband für Kehlkopfoperierte e.V.
▶ Epithetics and adjuvant providers
▶ Transregional cooperations with external clinics and resident physicians

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PD Dr. Dr. Urs Müller-Richter
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Josef-Schneider-Str. 2 · Building DB9 · 97080 Würzburg
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Prof. Dr. Bruno Allolio (right)  
Contact: Monika Schrei  
Tel +49 (0)931 / 201-40201  
E-Mail: schrei_m@klinik.uni-wuerzburg.de  
www.oz.uk-wuerzburg.de/organzentren

Programs and services

- Interdisciplinary multi-modal treatment
- Inclusion of patients in clinical trials
- Cooperation with the German NET – center of excellence (Charité Berlin – Prof. Wiedenmann) and the German NET-registry

Diagnostics:
- Computed- and magnetic resonance tomography (CT- and MRI-scan)
- DOTATATE- und FDG-PET-CT
- Ultrasound
- Endoscopy and endoscopic ultrasound
- Histology (grading, hormone expression)
- Laboratory examinations (Chromogranin A, hormones)

Therapies:
- Antitumor drug treatments (including targeted therapies)
- Surgery

Peptide Receptor Radionuclide Therapy (PRRT)
- Transarterial Chemoembolization (TACE)
- Selective Internal Radiation Therapy (SIRT)
- Radiofrequency Ablation (RFA)
- Radiotherapy

Cooperating institutions
- Department of Internal Medicine I
- Department of Nuclear Medicine
- Department of General, Visceral, Vascular and Paediatric Surgery
- Department of Thoracic and Cardiovascular Surgery
- Department of Radiation Oncology
- Institute of Radiology, Department of Neuroradiology
- Institute of Pathology, Department of Neuropathology

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Contact: Dr. Mario Löhr  
Tel +49 (0)931 / 201-24815  
E-Mail: neuroonkologie@nch.uni-wuerzburg.de  
www.oz.uk-wuerzburg.de/organzentren

Programs and services

- Considerable experience in the treatment of skull-base tumors incl. acoustic neuromas and pituitary tumors

Cooperating institutions
- Department of Neurosurgery
- Department of Neurology
- Department of Radiotherapy and Radiation Oncology
- Department of Internal Medicine II, special focus Hematology and Oncology
- Department of Nuclear Medicine
- Interdisciplinary Oncology Day Center  
- Psychosomatic service
- Center of Palliative Care
- Institute of Radiology, Department of Neuroradiology
- Institute of Pathology, Department of Neuropathology

Certified center for Neuro-Oncology (DKG)
- Treatment of all benign and malignant tumors of the brain and spinal cord, the cerebral and spinal meninges, the spine and the peripheral nervous system
- Up-to-date diagnostic work-up of tumors of the nervous system and the spine including metabolic imaging
- High-end neurosurgical and stereotactic treatment incl. fluorescence-guided microsurgery, neuronavigation, neuromonitoring and intraoperative imaging
- High-precision radiation techniques like IMRT, IGRT, stereotactic radiosurgery
- Individualized treatment plan (interdisciplinary Tumor Board)
- Special consultations

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www.oz.uk-wuerzburg.de/organzentren
Programs and services
▶ Autologous and allogeneic stem cell transplantation (>250 stem cell transplants/year)
▶ Indications: Acute Leukemia (AML, ALL), Myeloproliferative syndromes (Myelofibrosis), Malignant lymphomas, Hodgkin’s disease, SAA, myelodysplasia (MDS), Multiple Myeloma etc.
▶ Cord blood transplantation
▶ Haploidentical stem cell transplantation (coordination of an international trial for haplo-SCT)
▶ Adoptive Immunotherapy: Antibodies, novel antibody constructs (lgM/lgH-specific antibodies) for AML/ALL/NHL/Multiple Myeloma
▶ T Cell Therapy, DC vaccination to treat viral, fungal infection, relapse CAR-modified T cells
▶ EU-projects for Multiple Myeloma (OPTATIO), GvHD (NanoII), Tumor- and Infection-control post-transplant (T-Control)

Cooperating institutions
▶ Department of Internal Medicine II
▶ Department of Paediatrics
▶ Department of Radiation Oncology
▶ Institute for Transfusion Medicine and Haemotherapy
▶ Institute for Hygiene and Microbiology
▶ Institute for Virology and Immunology
▶ BMBF projects for the treatment of fungal/viral infection

Programs and services
▶ Comprehensive, multidisciplinary evaluation of hearing disorders with a special focus on hearing loss in neonates (neonatal hearing screening)
▶ Detailed medical and/or technical counseling and explanation of therapeutic treatments
▶ Conventional and surgical treatments of all kinds of hearing loss using modern hearing devices (implants, hearing aids)
▶ Microsurgery of the ear and acoustic neuroma surgery
▶ Research focus:
  ▶ Objective and subjective diagnostics of auditory perception and speech understanding
  ▶ Optimizing Surgical procedures for implantable hearings devices

Cooperating institutions
▶ Phoniatrics / Paediatric Audiology / Electro physiology / Department of Oto-Rhino-Laryngology
▶ Numerous clinics of the University Hospital of Würzburg: Paediatrics / Developmental Paediatrics / Obstetrics / (Child and Adolescent) Psychiatry / Neurology / Neurosurgery / Radiology
▶ Institute of pre-linguistic Development and Developmental Disorders
▶ Cochlear Implant Center Süd (CICS) Wuerzburg Foundation „Sprache-Kommunikation”
▶ Dr. Karl-Kroiß-Center for the hearing impaired

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Prof. Dr. Christian Speer (children) (right)
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Programs and services
- Diagnostics and treatment of heart failure and its complications in a specialized interdisciplinary out-patient heart failure clinic
- Initiation, realization, and coordination of clinical heart failure trials
- Fast transfer of basic science into clinical practice
- Interdisciplinarity as the underlying principle in basic, translational, clinical and health care research
- Implementation of preventive strategies for diagnostics and management as well as innovative therapies
- Support of excellent young clinical scientists – from undergraduate studies to professorship
- Responsibility for the development of scientific guidelines and management programs
- Qualified partner for local hospitals and cardiologists in private practice
- Cooperation with health care policy and health insurance agencies to implement evidence-based novel strategies within the German Health Care System
- Dedicated public relation support to improve the awareness of heart failure

Cooperating institutions
- Institute of Clinical Biochemistry
- Interdisciplinary Center for Clinical Research (IZKF)
- Department of Internal Medicine I
- Department of Internal Medicine II
- Department of Nuclear Medicine
- Department of Psychiatry, Psychosomatics and Psychotherapy
- Institute of Psychotherapy and Medical Psychology
- Institute of Radiology

- Service Center Medical Informatics (SMI)
- Department of Thoracic and Cardiovascular Surgery
- Ethics Committee of the University Würzburg
- InfarctNet Mainfranken
- Institute of Clinical Epidemiology and Biometry
- Institute of Artificial Intelligence and Applied Informatics
- Department of Experimental Physics V (Biophysics)
- Center for Experimental Molecular Medicine
- Institute of Inorganic Chemistry
- Institute of Pathology
- Institute of Pharmacology
- Institute of Psychology I
- Institute of Physiology
- Department of Tissue Engineering and Regenerative Medicine
- Rudolf Virchow Center (RVZ)
- Graduate School of Life Sciences (GSLS)
- Numerous national and international partners

Project areas
- Advancement of diagnosis and management
- Healing, remodeling, protection
- Rare heart diseases and genetic principles
- Endocrine system and metabolism
- Cardio-renal crosstalk
- Heart failure: emotion, cognition, cerebral dysfunction
- Advance/ end-stage heart failure, tissue engineering and regenerative medicine
- Cardiac imaging

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Programs and services

▶ Technical advice and support of response to radiation emergencies
▶ Development of concepts and methods to strengthen radiation emergency preparedness
▶ Conduction of further education and training courses and establishment of a curriculum in medical radiation emergency management
▶ Research on prevention, diagnosis, treatment and follow-up of radiation induced thyroid diseases
▶ Research in biomarkers of individual radiation exposure
▶ International cooperation in medical radiation emergency preparedness and assistance

Cooperating institutions

▶ WHO Headquarters, Geneva
▶ 10 WHO Collaborating Centers worldwide and 20 Liaison Institutions
▶ 4 Liaison Institutions in Germany:
  ▶ Institute of Radiation Protection, Cologne
  ▶ Karlsruhe Institute of Technology (KIT), Medical Services
  ▶ Bundeswehr Institute of Radiobiology, Munich, affiliated to the University of Ulm
  ▶ Research Group Radiation Medicine, University of Ulm
▶ Research on prevention, diagnosis, treatment and follow-up of radiation induced thyroid diseases
▶ Research in biomarkers of individual radiation exposure
▶ International cooperation in medical radiation emergency preparedness and assistance

Programs and services

▶ Certified Centre for bariatric surgery
▶ Multidisciplinary Treatment of obese patients
▶ Multidisciplinary care and preparation for bariatric surgery
▶ Bariatric procedures: Gastric Bypass, Sleeve-Gastrectomy, Adjustable Gastric Banding, Biliopancreatic diversion, Duodenal-Switch, Intragastric balloon
▶ Surgical Endoscopy for diagnostic and treatment
▶ Multidisciplinary Obesity-Board
▶ Long-term follow-up of operated patients
▶ Participation in national quality-study
▶ Clinical trials, research projects
▶ Frequent Training and continued education

Cooperating institutions

▶ Department of General, Visceral, Vascular and Pediatric Surgery
▶ Department of Internal Medicine I, special subject Endocrinology
▶ Dietary kitchen & nutrition experts
▶ Institute of Clinical Psychology and Psychotherapy
▶ Dipl.-Psycho. Beate Hechtle-Fries, Dipl.-Psych. Thomas Hupp, Würzburg
▶ Dr. Foroogh Bittkau, Karlstadt
Director: Prof. Dr. Axel Trautmann
Contact: Petra Pfeuffer, Petra Raith
Tel +49 (0)931 / 201-26726
E-Mail: allergiezentrum@klinik.uni-wuerzburg.de
www.allergiezentrum-wuerzburg.de

Please contact the participating clinics directly to make an appointment.

Programs and services
▶ Specialized allergological patient care and diagnostics (Dermatology)
▶ Extensive laboratory evaluation of allergic diseases
▶ Stinging insect allergy (wasp and bee), allergy-related skin disorders (atopic dermatitis, contact dermatitis, urticaria/angioedema), drug hypersensitivity, anaphylaxis (Dermatology)
▶ Allergic diseases during infancy and childhood (Paediatrics)
▶ Allergic rhinitis (“summer hay fever”), chronic rhino-sinusitus, non-allergic and non-infectious rhinitis, nasal polyps, acute and episodic oral-laryngeal-pharyngeal edema, pseudo-allergic drug reactions (Oto-Rhino-Laryngology)
▶ Allergic conjunctivitis (seasonal and perennial), eye lid dermatitis, acute and episodic edema of the eye lids (Ophthalmology)
▶ Allergic and non-allergic asthma, occupational asthma, hypersensitivity pneumonitis, immediate care of anaphylaxis (Medicine I)
▶ Adverse reactions to foods (food allergy and food intolerance), eosinophilic gastro-enteropathies (Medicine I)

Cooperating institutions
▶ Department of Dermatology, Venereology and Allergology
▶ Department of Paediatrics
▶ Department of Oto-Rhino-Laryngology, Plastic, Aesthetic and Reconstructive Head and Neck Surgery
▶ Department of Ophthalmology
▶ Department of Internal Medicine I
▶ Department of Internal Medicine II

Programs and services
▶ Diagnostics and therapy of pediatric craniofacial malformations and asymmetries
▶ Operative as well as conservative treatment of craniofacial malformations in single suture craniosynostosis
▶ Operative treatment of complex and syndromal craniofacial malformations in children and adolescents
▶ Operative treatment of craniofacial malformations in adults
▶ Treatment of complex congenital dysgnathia
▶ Correction of midface and upper jaw in craniofacial malformations
▶ Moulding helmet therapy in positional plagiocephaly or positional brachycephaly
▶ Interdisciplinary development and coordination of therapeutical strategies in craniofacial malformations

Cooperating institutions
▶ Department of Neurosurgery, special subject Pediatric Neurosurgery
▶ Department of Oral and Maxillofacial Plastic Surgery
▶ Department of Orthodontics
▶ Department of Pediatrics
▶ Department of Oto-Rhino-Laryngology, Plastic, Aesthetic & Reconstructive Head & Neck Surgery
▶ Department of Ophthalmology
▶ Institute of Human Genetics

Heads:
PD Dr. Philip Meyer-Marcotty (left)
Dr. Dr. Hartmut Böhmer (mid)
Dr. Tilmann Schweitzer (right)
Contact: Ulrike Krapf
Tel +49 (0)931 / 201-24840
E-Mail: Krapf.U@nch.uni-wuerzburg.de
www.cfcw.uk-wuerzburg.de

Center for Craniofacial Surgery

17
Programs and services

▶ Multidisciplinary approach for diagnosis, therapy and research of Fabry disease
▶ National and international acknowledged competence center
▶ Medical care for adults and children with Fabry disease
▶ Preparation of genetic pedigree for the entire family
▶ Direct implementation of nouveau research into clinical practice
▶ Regularly follow-up examination for assessing organ involvement and therapy success
▶ Preventive examination for early organ involvement
▶ Support for disease relevant professional and social problems

Cooperating institutions

▶ Department of Internal Medicine I with Cardiology, Nephrology and Pneumology
▶ Department of Paediatrics
▶ Department of Neurology
▶ Department of Ophthalmology
▶ Institute of Radiology
▶ Institute of Human Genetics

Outpatient multidisciplinary service for babies, children and youth with

▶ All kinds of developmental disabilities
▶ Movement disorders
▶ Communication disorders, language disorders and feeding disorders
▶ Autism
▶ Epilepsy
▶ Spina bifida
▶ Congenital malformations and chronic diseases especially of the nervous system and the muscles
▶ Preterm infants follow-up
▶ Supply with medical assistive technology
▶ Botulinum toxin therapy for spasticity
▶ “Heidelberger Elterntraining” – language development courses for parents

Education training groups for parents of children with handicaps

Cooperating institutions

▶ Many clinics of the University Hospital of Würzburg: Paediatrics, Neurology, Neurosurgery, Ophthalmology, Oto-Rhino-Laryngology, Child and Adolescent-Psychiatry, Dental Clinics
▶ Institute of Human Genetics
▶ Department of Orthopedics König-Ludwig-Haus
▶ Medical and rehabilitation practices
▶ Early intervention institutions
▶ Kindergartens and schools
▶ Orthopaedic and rehabilitation technicians
▶ Rehabilitation and health clinics
▶ Education information centers
▶ Youth welfare offices
Cardiovascular Center Würzburg

Programs and services
▶ Union of practices and hospitals caring for cardiovascular patients
▶ Communication improvement of physicians caring for cardiovascular patients
▶ Optimizing medical care of in and out of hospital patients with cardiovascular diseases
▶ Education of physicians and patients
▶ Public relations

Cooperating institutions
▶ Department of Internal Medicine I
▶ Department of Thoracic and Cardiovascular Surgery
▶ Foundation Juliusspital Würzburg
▶ Mission Hospital Würzburg
▶ Joint practice Dr. Martin Cramer, Dr. Hinrik Strömer und Holger Drosch
▶ Joint practice Dr. Claus Günther, Wilhelm-Josef Mieseler
▶ Practice Dr. Stefan Heise
▶ Joint practice Dr. Dietmar Kleinschrot, Dr. Toni Röschlau
▶ Practice Prof. Teschner
▶ Joint practice Dr. Ludwig Zwerenz, Dr. Jürgen Brandl

Contact: Prof. Dr. Wolfram Völker
Tel +49 (0)931 / 201-39100
E-Mail: Voelker_W@klinik.uni-wuerzburg.de

Local Network for the treatment of Heart Attack

Programs and services
▶ Accredited member of the Association of Bavarian heart attack networks
▶ Chest-Pain-Unit (CPU) certification
▶ Interdisciplinary treatment of patients according to the guidelines
▶ Constant and successful cooperation with emergency physicians, rescue services and hospitals in the region for the benefit of our heart attack patients
▶ Features of rescue services in the region Mainfranken with special telemetry 12-lead ECG for immediate diagnosis of myocardial infarction on site
▶ Forwarding of the wireless ECG to the intensive care unit of the University Hospital
▶ Take over of the patients in the cardiac catheterization laboratory by the alerted cardiac catheterization team
▶ Continuous on call duty (24/7) of the participating intervention centers
▶ Follow-up treatment of patients after a mostly two-day intensive surveillance in the cooperating „home clinic“

Cooperating institutions
▶ Department of Internal Medicine I
▶ Department of Cardiothoracic and Thoracic Vascular Surgery
▶ Hospital Juliusspital of the Juliusspital foundation Würzburg (also intervention center)
▶ Other clinics in the area (Missionsärztliche Klinik WU, Klinik Kitzinger Land, Man-Klinik Ohlzenturm, Krankenhaus Wertheim, Klinikum Main-Spessart)
▶ Authorities (Zweckverbände für Rettungsdienst und Feuerwehralarmierung, ZRF and Rettungszweckverbände, KVB)
▶ Rescue services (BRK, Malteser, Johanniter)

Contact: Prof. Dr. Georg Ertl
Tel +49 (0)931 / 201-43550
E-Mail: herzinfarktnetz@klinik.uni-wuerzburg.de
www.herzinfarktnetz.uk-wuerzburg.de

Director: Prof. Dr. Georg Ertl
Contact: Dr. Björn Lengenfelder
Tel +49 (0)931 / 201-43550
E-Mail: herzinfarktnetz@klinik.uni-wuerzburg.de
www.herzinfarktnetz.uk-wuerzburg.de
Oberdürrbacher Str. 6 · ZIM · 97080 Würzburg
Programs and services

- Treatment of patients in late life (beginning after the age of 60)
- With affective disorders
- With Parkinson disease or
- With other neuropsychiatric diseases like OCD or panic disorders
- Day care therapy from Monday until Friday (8:30 to 16:00)
- Disease specific treatment with individual and group therapy (depression group, stress group, coping strategies)
- Age specific therapies (mental activation, progressive muscle relaxation)
- Optimization of drug therapy, for patients with Parkinson’s disease adjustment of deep brain stimulation and apomorphin pump
- Physiotherapy (special offer for patients with Parkinson’s disease: “BIG” therapy), occupational therapy, speech therapy (Lee Silverman Voice Training)
- Cognitive behavioural psychotherapy
- Support by social worker, training for everyday life

Cooperating institutions

- Department of Psychiatry, Psychosomatics and Psychotherapy
- Department of Neurology
- Center of Geriatric Medicine of the Bürgerspital
- Matthias-Ehrenfried-Haus (multi-generation house)
- Optimization of drug therapy, for patients with Parkinson’s disease adjustment of deep brain stimulation and apomorphin pump
- Physiotherapy (special offer for patients with Parkinson’s disease: “BIG” therapy), occupational therapy, speech therapy (Lee Silverman Voice Training)
- Cognitive behavioural psychotherapy
- Support by social worker, training for everyday life

Directors: Prof. Dr. Jürgen Deckert (left)
Prof. Dr. Jens Volkmann (right)
Contact: Dr. C. Leonhard und Dr. C. Daniels
Tel (Sek.) +49 (0)931 / 201-76062
E-Mail: NGPTK@klinik.uni-wuerzburg.de

Integrative treatment concept with analytical and cognitive behavioral elements
- Interdisciplinary team with physicians, psychologists, art therapists, social education workers, physiotherapists and nurses
- The following diseases and disorders are treated in our day care unit based on a multimodal concept:
  - Depression
  - Anxiety disorders
  - Obsessive-compulsive disorder
  - Stress-syndromes
  - Adjustment disorders, problems in dealing with severe or chronic diseases (e.g. cancer or heart failure)
  - Post-traumatic stress disorder
  - Obesity
  - Somatoform disorders
  - Personality disorders

Directors: Prof. Dr. Herbert Csef (left)
Dr. Bodo Warrings (rep.) (right)
Contact: Sekretariat – Andrea Bernhart
Tel +49 (0)931 / 201-40300
www.nervenklinik.uk-wuerzburg.de/klinik/
psychosomatische-tagesklinik
Josef-Schneider-Str. 2 · Building C2 · 97080 Würzburg
Programs and services
▶ Improvement of the patient centered care (in children and adults)
▶ Enforcement of research projects
▶ Teaching of students and residents
▶ Interdisciplinary postgraduate courses for physicians
▶ Interdisciplinary lectures for patients
▶ Network with colleagues in ambient hospitals and offices

Members
▶ Department of Thoracic and Cardiovascular Surgery
▶ Department of Internal Medicine I
▶ Department of Paediatrics
▶ Missionsärkische Klinik Würzburg, Departments of Internal Medicine and Surgery
▶ Medical Faculty of the University of Würzburg

Programs and services
▶ Conservative treatment with palatal plates of newborns and babies with
  ▶ Cleft lip and palate
  ▶ Pierre-Robin-Sequence
  ▶ Respiratory problems (apnoea)
▶ Surgical treatment of patients with cleft lip and palate (lip closure, palatal closure, alveolar bone graft, speech-improving, correction of the lip and nose, correction of severe dysgnathia)
▶ Continuous survey of speech development
▶ Regular ENT-examination of hearing
▶ Orthodontic treatment of adolescents and adults
▶ Weekly interdisciplinary consulting hour

Cooperating institutions
▶ Department of Orthodontics
▶ Department of Oral and Maxillofacial Plastic Surgery
▶ Department of Paediatrics
▶ Department of Oto-Rhino-Laryngology, Plastic, Aesthetic and Reconstructive Head and Neck Surgery
▶ Department of Obstetrics and Gynaecology
Interdisciplinary Center for Palliative Medicine

**Programs and services**
- Palliative care has the intention to improve quality of life in patients with advanced critical illness and limited life expectancy by abatement of pain and other symptoms as well as providing psycho-social, spiritual and medical support.
- Palliative care ward with 10 single bedrooms, living room and accommodation for family members
- Palliative care consulting team for patients in the different departments of the university clinic
- Patient’s care by a multiprofessional team consisting of physicians and nurses with palliative care education, psycho-oncologists, physiotherapists, nutritionists, pastors, music and art therapists
- Consultation offers for outpatients and their families and for people in mourning

**Cooperating institutions**
- Comprehensive Cancer Center (CCC) Mainfranken
- Oncology Center Würzburg
- Breast Cancer Center, Interdisciplinary Center for Colorectal Cancer and Pancreatic Cancer Center, Skin Cancer Center
- Center for Palliative Medicine of the Foundation Julius Hospital (special focus: ambulant treatment)
- Malteserhospizdienst Würzburg (voluntary hospice service)
- Palliative network Würzburg

**Contact:** Palliativmedizinischer Dienst u. Aufnahme Tel +49 (0)931 / 201-28860
Palliativstation Tel +49 (0)931 / 201-28861
E-Mail: Palliativteam@klinik.uni-wuerzburg.de
www.palliativmedizin.uk-wuerzburg.de

Director: Prof. Dr. Michael Flentje (left)
Medical director: Dr. Birgitt van Oorschot (right)

Liver Center Würzburg

**Programs and services**
- Specialty outpatient clinics for patients with viral hepatitis, chronic liver disease, hepatic malignancies, hepatobiliary surgery.
- Comprehensive interdisciplinary liver transplant clinic.
- Diagnostic evaluation: ultrasound, CT, MRT, PET incl. US- or CT-guided biopsies
- Non-invasive diagnosis of liver fibrosis (Fibroscan)
- Non-invasive evaluation of hepatic function (breath tests)
- State of the art interventional radiology (IR) treatment incl. TIPSS, radiofrequency ablation (RFA), transarterial chemoembolisation (TACE) and radioembolisation (SIRT)
- Full array of endoscopic diagnosis and treatment of hepatic and biliary conditions
- Full array of procedures in hepatobiliary surgery including laparoscopic and pediatric surgery

**Cooperating institutions**
- Department of General-, Visceral-, Vascular-, and Pediatric Surgery, Division of Hepatobiliary and Transplant Surgery
- Department of Internal Medicine II, Divisions of Hepatology, Gastroenterology, Infectious Diseases and Oncology
- Institute of Radiology
- Department of Nuclear Medicine
- Department of Anesthesiology
- Department of Psychiatry
- Psychosomatic and Psychotherapy
- Comprehensive Cancer Center Mainfranken

Coordination: Prof. Dr. Ingo Klein (left)
Prof. Dr. Andreas Geier (right)
Contact: Katrin Bischof, Monika Schrei Tel +49 (0)931 / 201-36666, 0931 / 201-40201
E-Mail: Bischof_K@chirurgie.uni-wuerzburg.de, Schrei_M@medizin.uni-wuerzburg.de
www.leberzentrum-wuerzburg.de
Musculoskeletal Center Würzburg (MCW)

Programs and services
- Osteology
- Hypophosphatasia
- Regenerative medicine and stem cell therapy
- Pediatric orthopaedics
- Problem joints
- Tumors and bone metastases
- Neuromuscular problems
- Spine
- Trauma center
- Rheumatology / Clinical Immunology

Cooperating institutions
- Department of Orthopaedics and Orthopaedic Clinic König-Ludwig-Haus
- Department of Trauma, Hand, Plastic and Reconstructive Surgery
- Department of Oral and Maxillofacial Plastic Surgery
- Department of Functional Materials in Medicine and Dentistry
- Chair of Regenerative Medicine
- Chair of Chemical Technology of Material Synthesis
- Chair of Pharmaceutical Technology and Biopharmaceutics

Programs and services
- Diagnosis and counseling in muscle disorders and neuromuscular diseases
- Special tests for small fiber neuropathy
- Morphological diagnostics including electron microscopy of skin, nerve and muscle biopsies
- Diagnosis and counseling for motoneuron disease and disorders of neuromuscular transmission
- Diagnosis, counseling and treatment for immune neuropathies
- Medical advice for patients with idiopathic and hereditary neuropathies
- Genetic testing and counseling
- Psychosocial counseling in cooperation with “Deutsche Gesellschaft für Muskelkranke” (DGM)

Cooperating institutions
- Department of Neurology
- Department of Paediatrics with Center for Developmental Pediatrics
- Department of Internal Medicine I
- Department of Anaesthesia and Critical Care, Malignant Hyperthermia Ambulance
- Department of Orthopaedics König-Ludwig-Haus
- Institute of Human Genetics, Department of Medical Genetics
- Psychosocial and occupational therapy counseling centers of DGM Bayern e.V.

Speaker: Prof. Dr. Franz Jakob
Contact: Ursula Hofmann
Tel +49 (0)931 / 803-1582
E-Mail: mcw.khl@uni-wuerzburg.de
www.mcw.medizin.uni-wuerzburg.de
Bretteichstr. 11 · 97074 Würzburg

Directors: Prof. Dr. Karlheinz Reiners (left)
Prof. Dr. Claudia Sommer (mid)
Dr. Wolfram Kress (right)
Contact: Neuromuscular Clinic, Dept. of Neurology
Tel +49 (0)931 / 201-23768
www.neuromuskulares-zentrum.uk-wuerzburg.de
### Programs and services
- One of the largest and highly specialized Perinatal Centers in Bavaria (Tertiary Care)
- Fertility program
- Maternal-fetal medicine and counselling
- Perinatal diagnostic centre
- Over 1,700 births in five delivery suites
- Family centered maternity care (Rooming-In practice and well-baby nursery)
- Neonatal intensive care unit providing all State-of-the-Art standards, e.g. providing medical care for over 50 preterm infants with a birth weight of less than 1,250 g per year
- Expert consultation regarding all questions concerning pregnancy and childbirth

### Multidisciplinary care
- Department of Obstetrics and Gynaecology, special focus Prenatal Diagnosis and Obstetrics
- Department of Paediatrics, special focus Neonatology
- Department of Neurosurgery, special focus Paediatric Neurosurgery
- Department of General, Visceral, Vascular and Paediatric Surgery, special focus Paediatric Surgery
- Interdisciplinary Cleft Lip and Palate Center
- Department of Orthopaedics König-Ludwig-Haus, special focus Paediatric Orthopaedics
- Institute of Human Genetics

### Programs and services
- Participation in the working group “Regional cooperative centers for rheumatic diseases” of the German Society for Rheumatology (DGRh)
- Interdisciplinary cooperation of contributing hospitals and physicians in medical practice
- Improvement of care for patients with complex rheumatic and immunologic diseases in the area Wuerzburg
- Promotion of research in the field of rheumatology and clinical immunology
- Quality management via documentation for the national registry for rheumatic diseases in Berlin
- Education and training for physicians, medical students, and qualified personnel
- Education for patients

### Cooperating institutions
- Department of Dermatology, Venereology and Allergology
- Department of Paediatrics
- Department of Ophthalmology
- Department of Nuclear Medicine
- Department of Internal Medicine II, special subject Rheumatology and Immunology
- Department of Internal Medicine I, special subject Nephrology
- Institute of Radiology
- Institute of Hygiene and Microbiology
- Institute of Virology and Immunobiology
- Department of Orthopaedics König-Ludwig-Haus
- Foundation Juliusstift Wurzburg
- Rehab-Clinic “Am Kurpark” Bad Kissingen
- Several rheumatologic practices

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**Perinatal Centre (Tertiary Care)**

**Center for rheumatic diseases**

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**Speakers:** Prof. Dr. Johannes Dietl (left)  
Prof. Dr. Christian P. Speer (right)

Contact: Perinatal Centre (Tertiary Care)  
Tel +49 (0)931 / 201-25621 / 27728  
www.frauenklinik.uk-wuerzburg.de/mutter-kind-zentrum

**Speaker:** Prof. Dr. Hans-Peter Tony

Contact: office – Vera Castro  
Tel +49 (0)931 / 201-40105  
E-Mail: Castro_v@klinik.uni-wuerzburg.de  
www.rheumazentrum.uk-wuerzburg.de
Programs and services

- Interdisciplinary case review
- Research networking for better basic understanding, education and development of new approaches for prevention, therapy and rehabilitation
- Patient care of thyroid diseases – also rare diseases – and parathyroid diseases
- Operations using modern neuroradiological techniques for protection of the laryngeal nerve
- Pre- and postoperative diagnostics, conservative therapy options and phono-surgical interventions for conservation, improvement or reconstruction of the human voice
- Endocrine ophthalmopathy (EO) accompanied by thyroid function disorders

Cooperating institutions

- Department of Nuclear Medicine
- Department of Internal Medicine I, special focus Endocrinology
- Department of General, Visceral, Vascular and Paediatric Surgery
- Department of Oto-Rhino-Laryngology, Plastic, Aesthetic and Reconstructive Surgery
- Department of Ophthalmology
- Outpatient Practice Eberhardt, Scheubeck, Peppert (Würzburg)
- Institute of Pathology of the University of Würzburg

Programs and services

- Patients with acute ischemic stroke or intra-cerebral hemorrhage are treated on our specialized Stroke Unit certified by the German Stroke Society or neurological Intensive Care Unit (ICU)
- Outpatient clinic for patients with cardiovascular risk factors (stroke prevention and follow-up examinations)
- Interdisciplinary neurovascular board for patients suffering from complex neurovascular diseases (e.g. stenosis of head or neck vessels, aneurysm)
- Clinical trials on acute stroke therapies and stroke prevention
- Basic and clinical science on cerebrovascular diseases

Cooperating institutions

- Department of Neurology
- Institute of Radiology, Division of Neuroradiology
- Department of Neurosurgery
- Department of General, Visceral, Vascular and Paediatric Surgery
- Comprehensive Heart Failure Center
- Institute of Clinical Epidemiology and Biometrics
- Vascular Biology, Rudolf Virchow Center

Thyroid Center Würzburg

Speaker: Prof. Dr. Peter Schneider
Contact: Announcement Nuclear medicine
Tel +49 (0)931 / 201-35131
www.schildruesselzentrum-wuerzburg.de

Center for neurovascular disorders

Head: Prof. Dr. Christoph Kleinschnitz
Contact: Dr. Peter Kraft
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E-Mail: Kraft_P1@klinik.uni-wuerzburg.de
www.neurologie.uk-wuerzburg.de

Josef-Schneider-Str. 11 · Building B1 · 97080 Würzburg
Interdisciplinary Pain Center

Programs and services
▶ Outpatient clinics: treatment of acute and chronic pain patients as well as in-hospital consultation service
▶ Interdisciplinary Day Care Unit: Individualized multimodal pain therapy
▶ Medical diagnostics and treatment: Drug and interventional therapy, education
▶ Physiotherapy (Individual and group treatment: cardio and gym training)
▶ Psychotherapy (Individual and group treatment including biofeedback)
▶ Occupational and creative therapy
▶ 24h-Acute-Pain-Service: Perioperative pain therapy
▶ Treatment of the following disease: Musculoskeletal pain, head and facial pain, neuropathic pain, complex regional pain syndrome, fibromyalgia, substance abuse, cancer pain, postoperative pain
▶ Clinical and experimental pain research (EU project ncRNAPain)
▶ Interdisciplinary pain and case conferences
▶ Medical student education: interdisciplinary pain therapy

Cooperating institutions
▶ Department of Anesthesiology
▶ Department of Neurology
▶ Department of Neurosurgery
▶ Department of psychiatry, psychosomatic medicine and psychotherapy
▶ Department of nuclear medicine and palliative care
▶ Several Departments of UKW

Transplantation Center

Programs and services
▶ Transplantation of
▶ Kidneys (including Living Donor Kidney Tx)
▶ Livers (including Living Donor Liver Tx)
▶ Pancreas (SPK, PAK, pancreas alone)
▶ Hearts
▶ combined multi-organ transplants
▶ Stem cell transplants (see page 10)
▶ regional medical care pre- and post-transplantation
▶ Organspecific outpatient clinics
▶ multidisciplinary cooperation of expert teams
▶ Kidney Transplant: Immunoadsorption in Living Donor Kidney Transplant recipients
▶ Liver Transplant: Treatment of fulminant hepatic failure
▶ Heart Transplant: Ventricular assist device (VAD) implantation (Bridging or destination therapy)
▶ Clinically inspired basic science research
▶ Organ procurement team in cooperation with the German Organ Transplantation Foundation (DSO)

Cooperating institutions
▶ Department of General-, Visceral-, Vascular-, and Pediatric Surgery, Division of Hepatobiliary and Transplant Surgery
▶ Department of Thoracic and Cardiovascular Surgery
▶ Department of Internal Medicine I
▶ Department of Internal Medicine II
▶ Department of Anesthesia and Critical Care
▶ Institute of Radiology
▶ Department of Urology
▶ Liver Center Würzburg
▶ Center for Stemcell Therapy
▶ Comprehensive Heart Failure Center

Director: Prof. Dr. h.c. Norbert Roewer
Contact: PD Dr. Heike Rittner, PD Dr. Elmar-Marc Brede, Dr. Constanze Quaisser
Tel +49 (0)931/ 201-30200
E-Mail: schmerz@anaesthesie.uni-wuerzburg.de

Speaker: Prof. Dr. Rainer Leyh
Contact Kidney transplantation: PD. Dr. Kai Lopau
Tel +49 (0)931 / 201-39032
Contact Liver- & Pancreas transplantation: Prof. Dr. Ingo Klein
Tel +49 (0)931 / 201-36663
Contact Heart transplantation: Prof. Dr. Ivan Aleksic
Tel +49 (0)931 / 201-33233
Programs and services

- Improvement of medical care of severely injured patients by interdisciplinary and interhospital cooperation within the standards of the initiative “trauma networks” of the German Trauma Association
- High level treatment of injuries of
  - extremities
  - pelvis
  - hand
  - abdomen
  - thorax
- Severe head trauma
- Further education of all professional groups concerned to polytrauma treatment

- Scientific work on medical care of severely injured by own studies, participation in “Trauma Registry” of the German Trauma Association and Quality Management

Cooperating institutions

- Department of Trauma, Hand, Plastic and Reconstructive Surgery
- Department of Anaesthesia and Critical Care
- Department of General, Visceral, Vascular and Paediatric Surgery
- Institute of Radiology
- Completion dependent on pattern of injuries
- 16 regional clinics that are DGU-certified

Scopes and aims

- Concurrent liquid and solid sampling of human biomaterials using a consistent bio-sample labeling, registration, tracking, storage, and retrieval system enabling parallel analysis of matching blood and tissue samples along the course of the respective disease(s)
- Short term storage of bio-samples for 2–5 years (-80°C, immediate access, rapid sample read out, rapid sample compilation)
- Long-term storage for >10 years (-140°C, gas phase liquid nitrogen) for pre-specified liquid BM
- Implementation of a multi-level data storage and access concept ensuring consistency of data and biosample identity under consideration of current data and privacy protection regulations
- Implementation of hierarchical pseudonymized clinical data sets (uniform data sets for annotation, basic, and disease-specific information)

Cooperating institutions

- Interdisciplinary Center for Clinical Research
- Comprehensive Heart Failure Center
- Comprehensive Cancer Center (CCC) Mainfranken
- Peripheral ibdw-subunits
- Rudolf Virchow Center, DFG-Research Center for Experimental Biomedicine
- cBMBS in Aachen, Berlin, Heidelberg and Kiel
- Bank of Biomaterials of the Bavarian Red Cross

Director: Prof. Dr. Roland Jahns
Contact: agency – Gabriele Hill-Gómez
Tel +49 (0)931 / 201-47001
E-Mail: ibdw@klinik.uni-wuerzburg.de
www.ibdw.uk-wuerzburg.de

Speaker: Prof. Dr. Rainer Meffert
Contact: Juliane Neumann
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E-Mail: Neumann_J@klinik.uni-wuerzburg.de
www.chirurgie2.uk-wuerzburg.de
Interdisciplinary Center for Clinical Research

Programs and services

■ Strengthening and improvement of clinical research by a close cooperation between clinical research and biomedical basic research through
  ■ Advancement of interdisciplinary research projects, particularly in the fields of Inflammation & Infection, Cancer, Tissue Engineering & Transplantation, Cardiovascular Research, Imaging and Neurology
  ■ Support of scientific careers of young physicians through IZKF-research groups, a „first-applicant“-program for first project proposals, rotation positions and MD/PhD-scholarships
  ■ Improvement of the on-site scientific infrastructure by centrally organized service platforms
  ■ Advancement of the competitive capability through assessments

Cooperating institutions

■ All clinical departments
■ All clinical-theoretical departments as well as departments of the Medical Faculty
■ Leaders of the IZKF-Projects

Our services

■ Planning and execution of clinical development projects
■ Regulatory supervision of study projects
■ Management of clinical trials
■ Submission of applications to the authorities
■ Design and preparation of study protocol
■ Data collection and data management
■ Site management
■ Clinical monitoring
■ Security monitoring (Pharmacovigilance)
■ Biometry and sample size planning
■ Study evaluation
■ Consulting Service

Cooperating institutions

■ Comprehensive Heart Failure Center
■ Comprehensive Cancer Center Mainfranken
■ Nephrology Clinical Research Center Würzburg
■ Service Center for Medical Informatics
■ Clinics of the University Hospital Würzburg
■ Institute for Clinical Epidemiology and Biometry, University of Würzburg

Clinical Trial Center Würzburg

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Research Center for Infectious Diseases (ZINF)

Programs and services
- Molecular and genetic characterization of bacterial virulence factors
- Mechanisms of host-pathogen interactions of bacteria
- Molecular biology of nosocomial infections
- Gene regulation and immunology of tropic and parasitic diseases
- Non-coding RNA molecules (RNA Biology)
- Pathogenesis and epidemiology of viral diseases
- Bioinformatics and regenerative medicine
- Clinical hygiene, immunology and microbiology

Cooperating institutions
- Institute of Molecular Infection Biology
- Institute of Hygiene and Microbiology
- Institute of Virology and Immunobiology
- Department of Internal Medicine II
- Department of Microbiology, Theodor-Boveri-Institute
- Institute of Organic Chemistry
- Department of Bioinformatics
- Cell and Developmental Biology, Theodor-Boveri-Institute
- Department of Botany II, Julius von Sachs-Institute
- Mission Hospital Würzburg

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