



Medical Genetics Center

Clinician Information

▶ **GENETIC TRAINING AT THE MGZ IN MUNICH  
"2-DAY INTENSIVE COURSE"**

The MGZ – Medical Genetics Center is an established medical practice with an on-site genetics laboratory, providing genetic counseling and testing services to both local and international patients and clinicians. On average, we perform about 4000 genetic consultations to patients per year, and provide genetic consultation support to fellow clinicians on a daily basis. In our nationally accredited medical genetics laboratory, we perform over 20,000 molecular and cytogenetic analyses annually.

In the course of almost 20 years of applying human genetics to laboratory diagnostics and patient care, we have acquired extensive knowledge and expertise along the entire genetic testing process. With our experienced medical team of clinical genetic specialists, together with our knowledgeable scientific team, we are able to merge medical thinking with modern and innovative techniques in human genetics, including bioinformatics, and the latest medical advances in the field of human genetics to offer diagnostics that can make a difference.

When evaluating genetic analyses, we utilize critical thinking, in the context of the clinical data presented, to integrate the clinical information with supporting, current scientific literature and in-depth variant interpretation to assist in disease diagnosis.

It is our interdisciplinary approach and years of clinical experience, along with our continuously growing knowledge base, through our collaborative networks and information exchange, that enable us to provide fellow clinicians involved in daily patient care with the insights into how genetic testing can be a valuable tool to disease diagnosis and patient care management not just for the individual patient but also for the immediate and extended families.

You, too, can benefit from our in-depth knowledge through our genetic training courses and get to know our insights into this rapidly changing field of modern medicine.

## ■ GENETIC TRAINING COURSES “2-DAY INTENSIVE COURSE”

During our 2-day intensive course, you and your colleagues will follow our workflows. Starting from genetic counseling, together, we will define the most optimal and appropriate diagnostic testing strategy. We will then follow the sample through the laboratory process including NGS-testing, and together with our scientific staff, discuss data interpretation as well as variant classification, based on international standards. Lastly, together with our medical team, you will review and discuss the genetic data and merge this with the medical history of the individual patient.

Having this as a structure for our training course, there will be enough time to answer your specific questions along the entire workflow process.

## ■ OUR CLINICAL SPECIALTY AREAS

Our team of medical geneticists have expertise in the following clinical areas in human genetics:

- ▶ Brain Malformations / Neuronal Migration Disorders
- ▶ Coagulation / Hematology
- ▶ Dental Anomalies
- ▶ Eye Diseases
- ▶ Heart Diseases
- ▶ Hepatic and Pancreatic Diseases
- ▶ Hereditary Cancer Syndromes
- ▶ Mental Retardation and Dysmorphology
- ▶ Metabolic Diseases
- ▶ Nephrology Endocrinology, and Electrolyte Disorders
- ▶ Neurogenetic Disorders
- ▶ Neuromuscular Disorders
- ▶ Prenatal Diagnostics
- ▶ Pulmonary Diseases
- ▶ Reproductive Genetics
- ▶ Skin and Hair Anomalies, Genodermatoses
- ▶ Vascular and Connective Tissue Disorders
- ▶ Severe Recessive Childhood Diseases / Carrier Screening
- ▶ Comprehensive Testing – MGZ's DxOme®
- ▶ Exome Sequencing

The medical content of the "2-day intensive course" will include at least two clinical areas and be adjusted, as possible, to the background of the participants.

## ■ PARTICIPANTS

The course is designed for clinicians as well as scientists involved in daily patient care. We are limiting the number of participants to 10 in order to ensure the best learning experience.

## ■ ORGANIZATION

If you are interested in participating, please send an e-mail to [inquiry@mgz-muenchen.com](mailto:inquiry@mgz-muenchen.com) to find out more information about actual dates and costs.

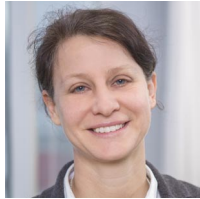
If you are interested in customized training to suit the needs of your team, please do not hesitate to contact us.

On our website, you will find information on other clinical topics as well as information about our company and services.

Visit us at [www.mgz-muenchen.com](http://www.mgz-muenchen.com)



**Prof. Elke  
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Clinical Geneticists



**Angela Abicht, MD**

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Clinical Geneticists  
**Silja Robling, MD**  
Internist  
Clinical Geneticist  
**Isabel Diebold, MD**  
Pediatrician  
Clinical Geneticist  
**Pia Hauffa**  
Clinical Geneticist, in training

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## **MGZ – Medical Genetics Center**

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