At the Department of Pediatrics and Adolescent Medicine of Ulm University, we offer comprehensive and high-quality patient care for children and adolescents. The hospital has a capacity of 117 beds and employs over 400 personnel. It is our goal to obtain the best treatments possible based on the latest diagnostic and therapeutic concepts.

All relevant areas of expertise are represented at our hospital which has gained a high reputation, both nationally and internationally, in the areas of bone marrow and stem cell transplantation, solid tumors, leukemia and blood diseases, immunology, preterm and neonatal medicine and hormone-related diseases, such as diabetes. We are a supraregional center specialized in the fields of cardiovascular disease, gastrointestinal disease, kidney disease and mucoviscidosis.
We also make provision for all the support and guidance needed during and after a stay at our hospital. In our new buildings most rooms are constructed as mother-child units in order to allow parents to stay with their child during treatment. Additional services include apartments for parents of inpatients, playrooms, visits of clown doctors, bedside learning, art and music therapy, interpreters, dietary advice, a consultation service as well as sociomedical and psychosocial aftercare.

Our research has a strong focus on hematology and oncology. It is dedicated to understanding the role of cell death (apoptosis) and cell death signaling in diseases, such as cancer, with the aim of developing new therapies from this knowledge. A particular focus is centered on strategies to overcome treatment resistance in leukemia, neuroblastoma and brain tumors.

In the area of stem cell transplantation and immunology, our work groups have significantly contributed to the development of blood stem cell and bone marrow transplantations and have characterized the genetic heirs of several forms of severe combined immune defects (SCID).

Our research team specializing in pediatric endocrinology and diabetes aims to elucidate the molecular causes of endocrine and metabolic diseases by focusing on special forms of diabetes mellitus and rare adipose tissue disorders such as lipodystrophy. Furthermore, we study the causes and effects of obesity in childhood and adolescence and develop novel therapy strategies.

Other important research fields of our department are non-malignant hematological diseases, primary care and developmental prognosis of preterm infants, as well as attention-deficit/hyperactivity disorder (ADHD).

Immunofluorescence analysis of a glioblastoma cell.