

Human genetics

Presentation:

course: 4 hours

lecture: 28 hours (offered in both WS and SS of the first clinical year)

Contact person: Prof. Meitinger (meitinger@humangenetik.med.tu-muenchen.de)

Content:

<u>Lecture</u>	<u>Lecturer</u>
• Medical genetics	Meitinger
• Pediatric diseases I	Freisinger
• Prenatal diagnostics	Hempel
• Pediatric diseases II	Oexle
• Cytogenetics I	Strom
• Oncology-genetics I	Meindl
• Neuro-genetics I	Ceballos
• Neuro-genetics II	Müller-Mys
• Oncology-genetics II	Vogelsang
• Psychiatric-genetics	Kurz
• Neuro-genetics III	Weindl
• Mitochondrial diseases	Prokisch

Key words lecture:

genetics consultancy – molecular diagnostics – gene-expression – genomproject – history of human genetics – genemapping – gene-expression – mitochondrial genetics – monogene diseases – genetics of common diseases – mechanism of mutation – population genetics – risks – syndromology – cytogenetics – trinucleotid-diseases – prenatal diagnostics

Course:

consolidation and repetition of the contents of the lecture

Examination:

Multiple choice – questions, at the end of every semester