

Genetic Half-Hour – Comprehensive Course in Clinical Genetics

Date	Topic	Title	Topics included	Lecturer
08.01.2026	Chromosome disorders	Trisomy 21	Maternal age, NIPS	Prof. Dr. med. Dr. rer. nat. Birgit Zirn
22.01.2026		Trisomies 13 and 18	prenatal screening methods, other nonviable trisomies such as trisomy 16	Prof. Dr. med. Dr. rer. nat. Birgit Zirn
29.01.2026		Turner, XXX, XXXX		Prof. Dr. Maja Hempel
05.02.2026		Klinefelter, XXY, XXXY, XYY		Prof. Dr. med. Dr. rer. nat. Birgit Zirn
12.02.2026		Mosaic chromosome disorders	mos tris 8, mos tetra 12p, mixoploidy	Prof. Dr. Maja Hempel
19.02.2026		Wolf-Hirschhorn (4p-), Cri du chat (5p-)		Prof. Dr. Maja Hempel
26.02.2026		Williams (del 7q11.23), Smith-Magenis (del 17p11.2), Potocki-Lupski (dup 17p11.2)	behavioural phenotypes, homologe del/dup, phenocritical genes	Prof. Dr. med. Christian Schaaf
12.03.2026		Del 22q11.2		Prof. Dr. med. Dr. rer. nat. Birgit Zirn
19.03.2026		Del 1p36, Kleeftstra (del 9q34.3)		Prof. Dr. med. Christiane Zweier
26.03.2026	Intellectual disability	Overview ID, ASD		Prof. Dr. med. Christian Schaaf
09.04.2026		Fragile X syndrome		Prof. Dr. med. Dr. rer. nat. Birgit Zirn
16.04.2026		Rett syndrome	dup MECP2, FOXP1	Prof. Dr. med. Christian Schaaf
23.04.2026		Angelman and Prader-Willi syndrome	Imprinting 15q11-q13	Prof. Dr. med. Christian Schaaf
30.04.2026	Tumour predisposition syndromes	Tumour predisposition general		Prof. Dr. Stefan Aretz
07.05.2026		Breast and ovarian cancer		Dr. med. Nicola Dikow
21.05.2026		Lynch syndrome		Dr. med. Verena Steinke-Lange
28.05.2026		Neurofibromatosis	NF1 and NF2, segmental NF	Prof. Dr. med. Dr. rer. nat. Birgit Zirn
11.06.2026		Li-Fraumeni syndrome		Dr. med. Nicola Dikow
18.06.2026		Polyposis syndromes	FAP, MAP, serrated polyposis, Peutz-Jeghers, juvenile polyposis, PTEN	Prof. Dr. Stefan Aretz
25.06.2026		Tuberous sclerosis complex		TBA
02.07.2026	Syndromes with overgrowth	Sotos, Weaver		Prof. Dr. med. Almuth Caliebe
09.07.2026		Beckwith-Wiedemann		Prof. Dr. rer. nat. Thomas Eggermann
16.07.2026		Simpson-Golabi-Behme syndrome		Prof. Dr. med. Christian Schaaf
20.08.2026		PROS, Proteus	PI3K-AKT-MTOR pathway	Prof. Dr. med. Dr. rer. nat. Birgit Zirn
27.08.2026	Syndromes with short stature	Silver-Russel	UPD14	TBA
03.09.2026		Coffin-Siris + Nicolaides-Baraitser syndromes	ARID1B related disorders	Prof. Dr. med. Dagmar Wiczorek
10.09.2026		Achondroplasia, Hypochondroplasia		TBA
17.09.2026		Rasopathies	Noonan, Costello, CFC	TBA
24.09.2026		SHOX deficiency, Leri-Weill		Prof. Dr. rer. nat. Gudrun Rappold
01.10.2026	Chromatinopathies	Cornelia-de-Lange syndrome	Wiedemann-Steiner syndrome	TBA
08.10.2026		Seckel	MOPD, Bloom	Prof. Dr. med. Anita Rauch
15.10.2026		Kabuki + CHARGE syndromes		Prof. Dr. med. Silke Pauli
22.10.2026	Craniofacial anomalies + ENT	Rubinstein-Taybi syndrome	Floating-Harbor syndrome	Prof. Dr. med. Dagmar Wiczorek
29.10.2026		Craniofrontonasal syndrome	X reverse inheritance, Frontonasal dysplasia	Prof. Dr. Bernd Wollnik
05.11.2026		Treacher-Collins syndrome + Hemifacial Microsomia (Goldenhar syndrome)	Nager syndrome, Miller syndrome	Prof. Dr. med. Dagmar Wiczorek
12.11.2026		Cleft lip and palate	syndromic, non-syndromic, Robin sequence, Van der Woude syndrome	PD Dr. med. Elisabeth Mangold
19.11.2026		Ear malformations	Branchio-oto-renal spectrum disorder	Prof. Dr. med. Dagmar Wiczorek
26.11.2026		Hearing disorders		Prof. Dr. med. Alma Küchler
03.12.2026	Eyes	Retinitis Pigmentosa	Usher syndrome	Prof. Dr. Hanno Bolz
10.12.2026		Albinismus		TBA
17.12.2026		Christmas quiz		Prof. Dr. med. Dr. rer. nat. Birgit Zirn und Prof. Dr. med. Christian Schaaf