

**Course Title:****Coordinator /contact:****Responsible person/contact:****Year:****Total number of hours:****Conduct/Dress Code:****Student's Evaluation:**

-type of the final exam:

-retake information:

**ECTS:**

Prerequisites: Preclinical Genetics

**Clinical Genetics 2020/2021**

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Prof. dr hab. Mirosław Bik-Multanowski

**4-6****30**

none

final exam, test - 8.06.2020

test

Day	Time	Type of classes	Hours	Group	Topic	Teacher	Room
<b>2 March</b>	08.30-10.00	seminar	2	whole class	Genetic code and mutations, genomes and genomic variations, epigenetics, genomic imprinting	Dr A. Madetko-Talowska	<b>MS Teams</b>
<b>9 March</b>	08.30-10.00	seminar	2	whole class	Introduction to clinical genetics, genetic counseling, various modes of inheritance	Dr M. Janeczko	<b>MS Teams</b>
<b>16 March</b>	08.30-10.00	seminar	2	whole class	Inborn errors of metabolism	Prof. M. Bik-Multanowski	<b>MS Teams</b>
<b>23 March</b>	08.30-10.00	seminar	2	whole class	Oncogenetics	Prof. M. Bik-Multanowski	<b>MS Teams</b>
<b>30 March</b>	08.30-10.00	seminar	2	whole class	Dysmorphology – clinical approach	Dr A. Dobosz	<b>MS Teams</b>
<b>13 April</b>	08.30-10.00	seminar	2	whole class	Chromosomal aberrations – aneuploidy; clinical aspects	Dr A. Dobosz	<b>MS Teams</b>
<b>20 April</b>	08.30-10.00	seminar	2	whole class	Chromosomal aberrations – structural abnormalities; clinical aspects	Dr A. Dobosz	<b>MS Teams</b>
<b>27 April</b>	08.30-10.00	seminar	2	whole class	Prenatal diagnosis, pregnancy and fertility, assisted reproductive technology	Dr M. Janeczko	<b>MS Teams</b>
<b>4 May</b>	08.30-10.00	seminar	2	whole class	Congenital malformations; differential diagnosis (teratogens, TORCH)	Dr M. Janeczko	<b>MS Teams</b>
<b>11 May</b>	08.30-10.00	seminar	2	whole class	Common consultations – selected, clinically important phenotypes	Dr M. Janeczko	<b>MS Teams</b>
<b>18 May</b>	08.30-10.00	seminar	2	whole class	Examples of monogenic diseases	Dr A. Dobosz	<b>MS Teams</b>
<b>25 May</b>	08.30-10.00	seminar	2	whole class	Mental retardation, autism, neurodegenerative diseases	Prof. M. Bik-Multanowski	<b>MS Teams</b>
<b>1 June</b>	08.30-10.00	seminar	2	whole class	Application of molecular techniques in clinical genetics	Dr A. Madetko-Talowska	<b>MS Teams</b>
<b>8 June</b>	08.30-10.00	seminar	2	whole class	Cytogenetic techniques in clinical genetics	Dr K. Szewczyk	<b>MS Teams</b>
<b>15 June</b>	08.30-10.00	exam		whole class	Final test	Prof. M. Bik-Multanowski	<b>MS Teams</b>