**Dear colleagues,**

**In accordance with the decision of the Teaching-Scientific Council of the Faculty of Medicine, we are providing all necessary materials for the completion of the 1st semester of the 2024/25 academic year.**

**Please find these materials on the Online Study platform (TOPIC: Materials for the missed laboratory practices and seminars, 16.06.** [**https://studiesinenglish.med.bg.ac.rs/moodle/course/view.php?id=399#section-16**](https://studiesinenglish.med.bg.ac.rs/moodle/course/view.php?id=399#section-16)**).**

**HUMAN GENETICS-NEW GRADING POLICY**

**Lectures:**

**All students will be awarded 2.5 points for attendance at lectures.**

**Seminars:**

**All students will be awarded 1.5 points for seminar IV and 1.5 points for seminar V.**

**Colloquiums:**

**All students will be awarded 10 points for the second colloquium.**

**Practical exam:**

The practical exam consists of 4 questions that correspond to the tasks covered by the laboratory practices. Students must collect at least 14 out of the maximum 20 points to pass. Only students who pass the practical exam may take the final test.

**Final test:**

The final test consists of 50 questions. Students need to score at least 30 out of 50 points to pass.

**Key to grading:**

**lectures** (**2.5** points)**+seminars** (points collected for the seminars I, II and III + **3** points for seminars IV and V)**+colloquiums (**points for the 1st colloquium + **10** points for the 2nd colloquium**)+practical exam (**up to 20 points**)+final test (**up to 50 points**)=**up to 100 points

|  |  |
| --- | --- |
| **Points range** | **mark** |
| **≤50** | **fail** |
| **51-60** | **6 (pass)** |
| **61-70** | **7 (pass)** |
| **71-80** | **8 (pass)** |
| **81-90** | **9 (pass)** |
| **91-100** | **10 (pass)** |

**If you are having trouble mastering the material covered during laboratory practices, you can schedule a consultation with assistants or professors using the official email addresses or the addresses provided below:**

Prof. Vera Bunjevački (bvera@orion.rs)

Prof. Suzana Cvjetićanin (genetikapop@gmail.com)

Prof. Tatjana Damnjanović (tatjanadamnjanovic@yahoo.com)

Prof. Momčilo Ristanović (momciloristanovic@yahoo.com)

Prof. Biljana Jekić (jekic.b@gmail.com)

Assoc. Prof. Nela Maksimović (nelamaksimovic@gmail.com)

Asst. Prof. Dijana Perović (dijanaperovic@gmail.com)

Asst. Prof. Milka Grk(milkagrk@gmail.com)

Asst. Prof. Marija Dušanović Pjević (marija\_dusanovic@hotmail.com)

Asst. Milica Pešić (Milica.Pesic@live.mfub.rs)

Asst. Nataša Stojanovski (natasastojanovski@gmail.com)

Asst. Milica Rašić (milicagulic05@gmail.com)

**You can arrange a consultation with the professor responsible for the topics covered during the lectures (the list is below).**

Genetics of reproduction, Prof. T. Damnjanović

The structure of genetic material, Assoc.Prof. N. Maksimović

DNA replication, Prof. V. Bunjevački

Transcription and translation, Prof. M. Ristanović

Regulation of gene expression, Prof. V Bunjevački

Variation in chromosome number, Prof. S. Cvjetićanin

Variation in chromosome structure, Prof. S. Cvjetićanin

Monogenic and polygenic inheritance, Prof. Damnjanović

Gene mutations, Prof. B. Jekić

DNA repair mechanisms and recombinations, Prof. B. Jekić

Recombinant DNA technology, Assoc. Prof. N. Maksimović

Population genetics, Prof. M. Ristanović

Genetic control of the immune response, Ass.Prof. Dijana Perović

Genetics of cancer, Prof. V Bunjevački

Sex determination and differentiation, Prof. S. Cvjetićanin

**You can arrange a consultation with the professor responsible for your seminar group regarding the topics covered in the last two seminars (seminar IV and seminar V).**