**AL-FARABI KAZAKH NATIONAL UNIVERSITY**

**Faculty of Medicine and Healthcare**

**Higher School of Medicine**

**Department of ​Fundamental Medicine**

**Map of specialty provision with educational and methodical literature**

**«Molecular bases of pathology»**

**(10 credits)**

**6B10114 – Medicine**

**Spring semester, 2023-2024 academic year**

| **№** | **Informational resources** | **Number of students studying the discipline (estimated enrollment)** | **Quantity in the library of al-Farabi KazNU** | | |
| --- | --- | --- | --- | --- | --- |
| **Kazakh** | **Russian** | **English** |
|  | **Educational literature (title, year of publication, authors)** | 33 kazakh  1 russian  41 english |  |  |  |
| 1 | Thompson & Thompson genetics in medicine (2016) Robert L. Nussbaum, Roderick R. McInnes, Huntington F. Willard, Ada Hamosh. [Philadelphia, PA: Elsevier](http://cat.lib.unimelb.edu.au/search~S30?/hElsevier%2C/helsevier/-3,-1,0,B/browse) |  |  |  | 1 |
| 2 | Роберт Л. Ньюссбаум, Родерик Р. Мак-Иннес, Хантингтон Ф. Виллард. Медицинская генетика, ГЭОТАР "Медиа", 2014 |  |  | 1 |  |
| 3 | Роберт Л. Ньюссбаум, Родерик Р. Мак-Иннес, Хантингтон Ф. Виллард. Медициналық генетика, ГЭОТАР "Медиа", 2014 |  | 1 |  |  |
| 4 | Jorde, L.B. et al. (2016) Medical Genetics. [Philadelphia, PA: Elsevier](http://cat.lib.unimelb.edu.au/search~S30?/hElsevier%2C/helsevier/-3,-1,0,B/browse) |  |  |  | 1 |
| 5 | Emery’s Elements of Medical Genetics (2017) Turnpenny, P.D., Ellard S. 15th Edition, Elsevier |  |  |  | 1 |
| 6 | Hartwell, L. et al (2017) Genetics: from genes to genomes, 6th edition. New York, NY: McGrawHill Education |  |  |  | 1 |
| 7 | USMLE Step 1 Lecture Notes (2017): Biochemistry and Medical Genetics. [Kaplan Publishing](https://www.bookdepository.com/publishers/Kaplan-Publishing) |  |  |  | 1 |
| 8 | Basic & Clinical Pharmacology [Electronic resource]: collection / ed.: B. G. Katzung, A. J. Trevor. - 13th ed. - New York; Chicago; San Francisco: McGraw-Hill Education, 2015. - 1837 p. - ISBN 978-0-07-182641-9: 0.00 |  |  |  | 1 |
|  | **Web-resources** |  |  |  |  |
| 1 | OMIM® Online Mendelian Inheritance in Man® An Online Catalog of Human Genes and Genetic Disorders <https://www.omim.org/> |  |  |  |  |
| 2 | The Genetic Testing Registry (GTR®) <https://www.ncbi.nlm.nih.gov/gtr/> |  |  |  |  |
| 3 | Genetics Home Reference. <https://ghr.nlm.nih.gov/resources> |  |  |  |  |
| 4 | ClinGen: Clinical Genome Resource <https://www.clinicalgenome.org/> |  |  |  |  |
| 5 | Learn.Genetics <https://learn.genetics.utah.edu/content/basics/> |  |  |  |  |
| 6 | Clinical Genetic Education Resources (Courses and Lectures) <https://www.kumc.edu/gec/prof/genecour.html> |  |  |  |  |
| 7 | Genomics Education Program. [https://www.genomicseducation.hee.nhs.uk](https://www.genomicseducation.hee.nhs.uk/education/) |  |  |  |  |
| 8 | ELSEVIER “Clinical learning” training program, 2018 |  |  |  |  |
| 10 | <https://www.msdmanuals.com/professional/clinical-pharmacology> |  |  |  |  |