**Map of discipline provision with educational literature**

**Specialty 7M101 “Health care”, Educational program 7M10117 “Pharmacy”**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **Discipline name**  **(main/**  **elective)** | **The name of the literature available in**  **library, year of publication in Kazakh Russian English language** | **Number of students** | **Amount of literature in the library** | | | | | |
| **Main literature** | | | **Additional literature** | | |
| k/d | r/d | e/d | k/d | r/d | e/d |
| 1 | “Omics” technologies in medicine and pharmacy (main discipline) | Mambetpayeva, B. S. Basics of Biomedicine: training aid / B. S. Mambetpayeva ; Ministry of Health of the Republic of Kazakhstan. - Astana : Ақнұр, 2017. - 197 p. - URL: http://elib.kaznu.kz/order-book. - ISBN 978-601-7894-91-7 | 2 |  |  | 15 |  |  |  |
| 2 | Beketayeva, Assel Orozalievna. Mathematical Modeling of the Biomedical Processes : study book / A. O. Beketayeva ; Al-Farabi Kazakh National University. - Almaty : Qazaq University, 2018. - 106 p. : il. - URL: http://elib.kaznu.kz/order-book. - Bibliogr. at the end of sections. - ISBN 978-601-04-3730-2 | 2 |  |  | 30 |  |  |  |
| 3 | Nanobiotechnology: inorganic Nanoparticles vs Organic Nanoparticles / Instituto de Nanociencia de -Aragon-ARAID, Universisdad de Zaragoza ; ed. by J. M. de la Fuente, V. Grazu. - Amsterdam ; Boston ; Heidelberg : Elsevier, 2012. - 520 p. : il. - (Frontiers of Nanocience. Vol. 4). - URL: http://elib.kaznu.kz/order-book. - Ind.: p. 509-520. - ISBN 978-0-12-415769-9 | 2 |  |  | 10 |  |  |  |
| 4 | Zhussupova, Aizhan Izbasarovna. PCR – Diagnostics : educational manual / A. I. Zhussupova ; Al-Farabi Kazakh National University. - Almaty : Qazaq university, 2016. - 127, [1] p. - URL: http://elib.kaznu.kz/order-book. - Bibliogr.: р. 124. - ISBN 978-601-04-1237-8 | 2 |  |  | 40 |  |  |  |
| 5 | Genetics : textbook / D. K. Aydarbaeva, K. K. Muhambetzhanov, Z. S. Kenzhebaeva [et al.] ; Ministry of Education and Science of the Republic of Kazakhstan. - Almaty : Association of Higher Educational Institutions of Kazakhstan, 2016. - 243 p. : il. - URL: http://elib.kaznu.kz/order-book. - Bibliogr.: p. 229-230. - ISBN 978-601-217-586-8 | 2 |  |  | 30 |  |  |  |
| 6 | Clark, David P. Biotechnology: Applying the Genetic Revolution : textbook / D. Clark, N. Pazdernik. - Amsterdam ; Boston ; Heidelberg : Elsevier, 2009. - 762 p. - URL: http://elib.kaznu.kz/order-book. - ISBN 978-0-12-175552-2 | 2 |  |  |  |  |  | 2 |