

LIST OF DISSERTATIONS TOPICS FOR DOCTORAL STUDIES COURSES IN 2021

NATURAL SCIENCES

| Scientific area | Topics of doctoral dissertations | Supervisors |
|------------------------|---|---|
| BIOLOGY – N 010 | 1. <i>Molecular biomarkers of urogenital tumors</i> | Prof. Sonata Jarmalaitė |
| | 2. <i>Search of new diagnostic and prognostic biomarkers for gynecological cancers</i> | Prof. Juozas Rimantas Lazutka |
| | 3. <i>Role of the cannabinoid receptors in neuroinflammation</i> | Dr. Daiva Baltriukienė |
| | 4. <i>Investigation of factors responsible for promoting of fibrosis</i> | Dr. Daiva Baltriukienė |
| | 5. <i>Analysis of the microorganism ecosystem for the optimization of the microplastic degradation</i> | Doc. Eglė Lastauskienė |
| | 6. <i>Diversity of plant growth promoting microorganisms: analysis and application</i> | Doc. Eglė Lastauskienė |
| | 7. <i>The impacts of forest disturbances and management on soil fungal biodiversity in spruce forests</i> | Prof. Ernestas Kutorga Dr. Leho Tedersoo |
| | 8. <i>Genetic characterization of barley pleotropic flower / inflorescence tweaky spike type mutants</i> | Prof. Donatas Žvingila |
| | 9. <i>Evaluation of resistance of spring barley (<i>Hordeum vulgare</i> L.) varieties to biotic and abiotic stress using morphological, biochemical and molecular markers</i> | Prof. Donatas Žvingila |
| | 10. <i>The role of non-addictive phytocannabinoids in pain management</i> | Prof. Valentina Vengeliienė |