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| --- | --- | --- | --- | --- | --- | --- |
| **Skills** | **-Theoretical**  **-Applied** | **PROGRAM LEARNING OUTCOMES** | | | **THQF** | **MAC** |
| **Content** | | | **Number** | **Number** |
| Stem Cell graduate program; gives students the opportunity to develop their knowledge of basic medical sciences.  It provides the opportunity to gain the ability to solve and apply the methods of cellular research, theoretical and practical knowledge, and stem cell research. | | | 14, 42, 72 | 141, 421, 721 |
| **TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF)** | | **MAIN AREAS OF COMPETENCE (MAC)** | | |
| 1. To have advanced theoretical and practical knowledge supported by textbooks, application tools and other resources with current information in the field  2. To be able to interpret the information obtained in the field by integrating it with information from different disciplines.  3. To be able to use theoretical and practical knowledge in the field of expertise. | | It has adequate infrastructure for cell biology. | | |
| **-Conceptual**  **-Cognitive** | **PROGRAM LEARNING OUTCOMES** | | | **THQF** | **MAC** |
| Gain the ability to evaluate the knowledge and skills at the basic level in the field with a critical approach and support with new knowledge. | | | 14, 42, 72 | 141, 421, 721 |
| Acquire research skills in stem cell applications in basic and clinical research. | | | 14, 42, 72 | 141, 421, 721 |
| **TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF)** | | **MAIN AREAS OF COMPETENCE (MAC)** | | |
| 1. To be able to develop and deepen knowledge at the level of expertise, based on qualifications at the undergraduate level.  2. To be able to comprehend interdisciplinary interaction where the field is related. | | Uses theoretical and practical knowledge in stem cell field for cellular therapy in basic and clinical investigations. | | |
| **Competencies** | **Competence to Work Independently And Take Responsibility** | **PROGRAM LEARNING OUTCOMES** | | | **THQF** | **MAC** |
| To acquire the ability to adopt, observe, question and investigate by understanding the importance of life and self-learning. | | | 14, 42 | 141, 421 |
| By specializing in the stem cell field; To be able to gain proficiency in designing a research project, conducting experiments, analyzing data, and interpreting the results. | | | 72 | 721 |
| **TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF)** | **MAIN AREAS OF COMPETENCE (MAC)** | | | |
| To be able to use advanced theoretical and practical knowledge in the field. | Uses theoretical and practical knowledge in the field for clinical solutions. | | | |
| **PROGRAM LEARNING OUTCOMES** | | | **THQF** | **MAC** |
| **Learning Competency** | To gain the ability to use and develop the necessary methods and information for applications in stem cells and related fields. | | | 14, 42, 72 | 141, 421, 721 |
| **TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF)** | **MAIN AREAS OF COMPETENCE (MAC)** | | | |
| To be able to evaluate the knowledge and skills at the level of expertise in the field with a critical approach. | To be able to apply and develop specific research fields using stem cell information. | | | |
|  | **Communication And Social Competence** | **PROGRAM LEARNING OUTCOMES** | | | **THQF** | **MAC** |
| Being compassionate, honest and trustworthy in human relations, having the ability to communicate effectively with the working team | | | 14, 31 | 141, 311 |
| To gain the ability to perform intradisciplinary and interdisciplinary team work. | | | 14, 31 | 141, 311 |
| **TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF)** | **MAIN AREAS OF COMPETENCE (MAC)** | | | |
| To be able to transfer current developments and own studies in the field with quantitative and qualitative data in a systematic, written, oral and visual way to the groups in the field and outside the field. | Be able to critically review, develop and, if necessary, act to change social relations and norms that guide these relationships. | | | |
| **Specific Areas**  **Perfection** | **PROGRAM LEARNING OUTCOMES** | | | **THQF** | **MAC** |
| To be able to follow national and international contemporary issues | | | 14, 42, 72 | 141, 421, 721 |
| **TURKEY HIGHER EDUCATION QUALIFICATIONS FRAMEWORK (THQF)** | **MAIN AREAS OF COMPETENCE (MAC)** | | | |
| To be able to develop strategy, policy and implementation plans on issues related to the field and to be able to evaluate the obtained results within the framework of quality processes. | Problem determination in areas related to the field, hypothesis for solving, ability to solve hypothesis with experimental methods, ability to make interdisciplinary and interdisciplinary team work | | | |