

## Fundamental Sciences - 2

1. Experimental study on the antioxidant effects of polyphenols in rat ligature model

Author: Dimitriu Tudor, Halmaghi Andrei

2. Assessment of eukaryotic expression vectors from standard BioBrick parts (Regarding to iGEM BBF\_RFC-25 standard)

Author: Kristof Endre Karoly

Co-authors: Erika Berenyi, Bence Daniel, Katalin Nagy, Katalin Sandor

3. Ultrasound and morphological aspects of the umbilical cord in normal and pathological pregnancies

Author: Lese Ioana, Muresan Madalina

Co-authors: Piciu Andra, Kubelac Paul

4. Genetically modified Mesenchymal Stem Cells the promise of a cure for Type 1 Diabetes

Author: Kikon Rhondemo A, Reuben Christopher

5. Correlation between experimentally-induced hyperhomocysteinemia and oxidative stress parameters in rats

Author: Gutu Pavel, Mihai Malcoci

Co-authors: Ionut Dragos Radulescu, Ionel Aurel Filip

6. The effects of nitrotyrosine in oxidative stress

Author: Vasileniuc Anca-Maria

Co-authors: Lungu Brandusa

7. Association study of IRGM polymorphisms with HIV cohorts from Tanzania

Author: Farcas Marius

Co-authors: Theo Platinga, Diana Rosentul

8. To play or not to play?

Author: Nedescu Nedescu

Co-author: Chirita Costel

9. A comparison between the efficiency of different hormone therapies in Turner Syndrome

Author: Tichil Teodora, Tulbu Anca

10. LRP4 is a possible autoantigene in seronegative myasthenia gravis

Author: Cosma Nicoleta

Co-authors: Andromachi Karakatsani

11. The role of the extracellular matrix in the invasiveness of low-grade astrocytoma

Author: Szemcsak Csaba David

Co-authors: Klekner Almos

12. A comparative study between the effects of oral and topical administration of Propolis extract against UV-induced oxidative stress

Author: Petruta Andrei - Nicolae

Co-authors: Popus Cristina - Mariana