

Challenges in modern biology (CORE019)

Name:

UČO:

Lectures:

1. Green Alien – the Beauty and Value of Molecular Plant Biology (J. Hejátko)
2. Origins, structure, and impact of viruses on cellular life (P. Plevka)
3. The (Plant) Cell – a Vessel for Life (T. Nodzyński) - cancelled
4. How the epitranscriptome is changing our world (M. O'Connell)
5. From RNA world to RNA-based technologies (Š. Vaňáčková)
6. Life at the nanoscale: how to touch a molecule (J. Příbyl)
7. Cyclin-dependent kinases (CDK): from regulation of basic biological processes to treatment of human diseases (D. Blažek)
8. Studies of leukemia biology leading to novel targeted therapy (M. Mráz)
9. Such a beautiful fruit! (H. Robert Boisivon)
10. Plants - masters of regeneration (M. Pernisová)
11. From Mozart's hair to understanding protein architecture and its importance for the life (L. Žídek)
12. Organization and regulation of gene transcription (R. Štefl)
13. New concepts of gene engineering in mammalian cells (M. Šmída)
14. Biology of Aging (K. Říha)

Do not forget to fill this questionnaire:

<https://www.surveio.com/survey/d/B7Y8F6A4V1C9H7J8E>

Topic 1 (~1500 characters without spaces):

Topic 2 (~1500 characters without spaces)

Topic 3 (~1500 characters without spaces)