**Agenda**

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| **Title** | **Description** | **Date &Time** | **Place** |
| **26th of March** | | | |
| ***Pre-discussion Case6***  ***“A Can of Red Bull? Do Energy Drinks Provide a Source of Energy?”*** | Regular PBL case (lead: Evgenia Solomina) | 9:30 – 12.00 | Research Library, Tomsk, Lenin ave 34A, English Reading Room |
| ***Lunch*** | - | 12:30 – 13:30 | Cafe ”Minutka”, TSU Main building, Lenin Ave., 36 |
| ***Lecture: “Genetic editing”*** | In recent years there have been rapid advancements in gene-editing techniques that make it easier than ever to edit the human genome. During the lecture you will learn about powerful experimental technique, CRISPR, for treating diseases by altering the patient's genetic material. Professor Prickaerts will tell aboutapplications of CRISPR, including treatment for CNS disorders such as Alzheimer’s disease. *The lecture will help you to prepare for the workshop held next day.* | 13:45 – 14:45 | TSU Main building, Lenin Ave., 36, Room 209 |
| ***Lecture: “Cognitive enhancers*** | In the afternoon Professor Prickaerts is going to tell about cognitive enhancers (nootropics), which are used to treat cognition deficits in patients suffering from Alzheimer's disease, schizophrenia etc. What is common between coffee and сognition-enhancing drugs, and which action mechanisms do they involve?  *The lecture will help you to prepare for the workshop held next day.* | 15:00 – 16:00 | TSU Main building, Lenin Ave., 36, Room 209 |
| **27th of March** | | | |
| ***Workshop “Gene therapy is ethical to treat CNS disorders vs. Pills will remain the first choice of treatment for CNS disorders”*** | Students are divided into 2-4 groups and debate on potential benefits and detriments of usage gene-editing vs. cognitive enhancers. | 10:00-12:00 | Research Library, Tomsk, Lenin ave 34A, English Reading Room |
| ***Lunch*** | - | 12:30 – 13:30 | Cafe ”Minutka”, TSU Main building, Lenin Ave., 36 |
| ***Lecture: "Combining Academia and Industry: do’s and don’ts for valorization"*** | The lecture on how to work with Industry, challenges in valorization and commercialization, from neuroscience perspective | 13:45-15:00 | Research Library, Tomsk, Lenin ave 34A, English Reading Room |