8th International Conference "Modern biotechnology for science and practice", dedicated to DNA Day 2021, April 22-23, St. Petersburg.

**Russian-Japanese satellite «on-line» symposium**
"Genetic aspects of glial cerebral tumors"
April 23, 2021.

**Dear Colleagues and Friends!**

*On behalf of the working committee, we invite you and your colleagues to participate in the symposium. We hope that this meeting will be fruitful and interesting for a wide range of biologists and clinicians.*

**ARRANGED BY:**
- Pavlov First Saint Petersburg State Medical University, Russia
- Cancer Research Institute, Kanazawa University, Japan
- School of Medicine, Keio University, Japan
- Institute of the Human Brain named N.P. Bekhtereva of the Russian Academy of Sciences, Russia
- North-Western State Medical University named I.I. Mechnikov ", Russia
- Association of specialists in the field of molecular medicine and laboratory genetics named after E.I. Schwartz
- Academy of Molecular Medicine.

**WORKING COMMITTEE:**

- BAGNENKO S., Saint Petersburg, Russia
- TAKAHASHI Ch., Kanazawa, Japan
- SAMPETREAN O., Tokyo, Japan.
- KINOSHITA M., Kanazawa, Japan
- ZARAISKII M., Saint Petersburg, Russia
- SELIVERSTOV R., Saint Petersburg, Russia

**WORKING LANGUAGES:** English

**NOTE:**
- We invite all participants to publish abstracts of their scientific works in the symposium proceedings. To do this, they can be sent to the mail of the organizing committee.
- Please, if possible, send this information letter to all interested colleagues.
- The link for participation in the symposium will be published on the website later.
- For any questions, please contact the organizing committee. Contact person: Zaraiskii Mikhail, mail: dna_day_2021@mail.ru.
Programm:

1. **10.00-10.30 (Moscow)**

   *The Warburg effect and metabolic plasticity in brain tumor stem cells.*
   Oltea SAMPETREAN, M.D., Ph.D.
   Division of Gene Regulation, Institute for Advanced Medical Research
   School of Medicine, Keio University, Japan.

2. **10.30-11.00 (Moscow)**

   *Genetic mechanisms of metabolic pathway reprogramming in gliomas.*
   Mikhail ZARAISKII, M.D., Ph.D.
   Department clinical laboratory diagnostics with the course of molecular medicine, FSPbSMU named I.P. Pavlov, Russia.

3. **11.00-11.30 (Moscow)**

   *Awake surgery for gliomas with preservation of higher brain functions: challenge and contributions*
   Masashi KINOSHITA
   Department of Neurosurgery, Kanazawa University, Japan.

4. **11.30-12.00 (Moscow)**

   *Modern clinical and laboratory criteria for the diagnosis and prognosis of the course of cerebral glial tumors*
   Roman SELIVERSTOV, Ph.D.
   Neurosurgeon clinic, laboratory of neurorehabilitation, Institute of the Human Brain named N.P. Bekhtereva of the Russian Academy of Sciences; Department of Neurosurgery named prof. A.L. Polenova, North-Western State Medical University named I.I. Mechnikov", Russia.