



**1<sup>st</sup> All-Russian Conference and School of Young Scientists  
on Boron Neutron Capture Therapy  
October 22-25, 2019  
Novosibirsk**

**October 22**

- 12:00 Prof. **Alexander Ivanov** - Conference opening
- 12:05 Greetings: Governor of the region A. Travnikov, Mayor of Novosibirsk, Director of the BINP Academician P. Logachev, Rector of NSU Corr. Member M. Fedoruk
- 12:25 Lecture # 1. Prof. **Shin-Ichi Miyatake** (Osaka Medical College, Japan)  
"Recent advancement of clinical BNCT on brain tumors including malignant gliomas and high-grade meningiomas, using reactor and accelerator"
- 13:25 Lecture # 2. Prof. **Akira Matsumura** (University of Tsukuba, Japan)  
"Clinical experience of BNCT in glioblastoma and current BNCT accelerator project in Tsukuba"
- 14:15 Lunch
- 15:00 Press conference (Profs. Hiroyuki Nakamura, Shin-Ichi Miyatake, Wolfgang Sauerwein, Academician P. Logachev)
- 16:00 Lecture # 3. Prof. **Wolfgang Sauerwein** (University of Essen, Germany; President of German Society for BNCT)  
"Accelerator based BNCT: The challenges from a clinicians perspective"  
tour on BNCT facility for accredited media
- 16:50 Coffee break
- 17:10 Lecture # 4. Prof. **Hiroyuki Nakamura** (Tokyo Institute of Technology, Japan; President of Japanese Society of Neutron Capture Therapy)  
"Current Status and Future prospects for boron agents in BNCT"

**October 23**

- 09:00 tour on BNCT facility
- 10:00 Lecture # 5. Prof. **Alexey Krivoschapkin** (European Medical Center, Moscow, Russia)  
"Promising technologies for local control of tumor growth in patients with malignant gliomas"
- 10:50 Lecture # 6. Prof. **Vladimir Chernov** (Research Medical Center, Tomsk, Russia)  
"Nuclear medicine in the diagnosis and prognosis of malignant neoplasms"
- 11:40 Coffee break
- 12:00 Lecture # 7. Prof. **Grigory Dianov** (University of Oxford, Great Britain)  
"Cellular responses to DNA damage"

- 12:50 Lecture # 8. Prof. **Sergey Taskaev** (BINP, Novosibirsk, Russia)  
"Budker Institute solution for BNCT"
- 13:40 Lunch
- 14:20 Lecture # 9. Prof. **Andres Kreiner** (CNEA, Argentina)  
"Status of Accelerator-Based BNCT worldwide"
- 15:10 Lecture # 10. Dr. **Hiroaki Kumada** (University of Tsukuba, Japan)  
"Treatment planning and dose estimation for BNCT"
- 16:00 Coffee break
- 16:20 Lecture # 11. Prof. **Tooru Kobayashi** (Kyoto University Research Reactor Institute, Japan)  
"Basic understanding of BNCT from the viewpoint of medical physics and engineering"
- 17:10 Lecture # 12. Prof. **Saverio Altieri** (University of Pavia, Italy)  
"Boron measurement and imaging techniques in BNCT"

### **October 24-25**

09:00 – 18:00 **Conference sessions**

Abstract submission closes: September 22, 2019

### **October 25**

09:00 – 16:00 **Conference sessions**

Abstract submission closes: September 22, 2019