

INTERNATIONAL OPEN LABORATORY SYMPOSIUM 2018

Date 15 June 2018 13:00-17:30

Venue Lecture Hall, 2nd floor of Research Building for Charged Particle Therapy,
National Institute of Radiological Sciences
National Institutes for Quantum and Radiological Science and Technology
Anagawa 4-9-1, Inage-ku, Chiba,
<http://www.qst.go.jp>

Program

1. Opening remarks (Koji Noda, NIRS/QST) 13:00-13:10
2. Brief summary of IOL (Takeshi Murakami, NIRS/QST) 13:10-13:20
3. Report of Research Cores (Chair: Shigekazu Fukuda, NIRS/QST)
 - Impact of heavy-ion irradiation on stem cells and tissue regeneration 13:20-14:10
 - Takashi Shimokawa (NIRS/QST)
 - Alexander Helm (TIFPA, Italy)
 - Studies on radiation-induced defensive cellular communication using SPICE-NIRS microbeam 14:10-15:00
 - Teruaki Konishi (NIRS/QST)
 - Alisa Kobayashi (NIRS/QST)
 - Jun Wang (HIPS, China)
- Coffee break 15:00-15:20
4. Report of Research Cores (Chair: Naruhiro Matsufuji, NIRS/QST)
 - Radiation damage mechanism at the molecular level approached with physiochemical technologies 15:20-16:10
 - Satoshi Kodaira (NIRS/QST)
 - Quentin Raffy (IPHC/CNRS & Univ. Strasbourg, France)
 - Tamon Kusumoto (NIRS/QST)
 - Remi Barillon (IPHC/CNRS & Univ. Strasbourg, France)
 - Whole gamma imaging 16:10-17:00
 - Taiga Yamaya (NIRS/QST)
 - Katia Parodi (LMU)
5. Expectations and comments (Chair: Shigekazu Fukuda, NIRS/QST) 17:00-17:20
6. Concluding remarks (Hiromi Shibata, Osaka Univ) 17:20-17:30