

# PROGRAM

DAY ONE / SATURDAY, OCTOBER 21

13:30-14:00 **Opening Ceremony**

Remarks **Yoshinao Mishima**, President, Tokyo Institute of Technology  
**Bengt Nordén**, Professor, Chalmers University of Technology,  
Founder and Chairman, Molecular Frontiers Foundation  
**Masayuki Takahashi**, Professor, Tokyo Institute of Technology

14:00-18:00 **Lecture Program**

14:00-14:45 **Ada E. Yonath**, 2009 Nobel laureate in Chemistry,  
Professor, Weizmann Institute of Science  
“Next generation environmental friendly antibiotics”

14:45-15:30 **Tim Hunt**, 2001 Nobel laureate in Physiology or Medicine,  
Visiting Researcher, Okinawa Institute of Science and Technology  
“My Life as a Scientist”

15:30-15:45 Coffee Break

15:45-16:30 **Bengt Nordén**, Professor, Chalmers University of Technology,  
Founder and Chairman, Molecular Frontiers Foundation  
“Discovery of a stretched conformation of DNA – could it have a biological role?”

16:30-17:15 **Joseph L. Kirschvink**, Principal Investigator, Earth-Life Science Institute,  
Tokyo Institute of Technology,  
Professor, California Institute of Technology  
“Earth’s Magnetic Biosphere”

17:15-18:00 **Yoshinori Ohsumi**, 2016 Nobel laureate in Physiology or Medicine,  
Honorary Professor, Tokyo Institute of Technology  
“What is autophagy? A dynamic cellular recycling process”

# PROGRAM

## DAY TWO / SUNDAY, OCTOBER 22

### 09:00-13:45 **Laboratory Workshop ( 2 Groups)**

Yoshinori Ohsumi

Hideki Shirakawa, 2000 Nobel laureate in Chemistry

### 10:15-13:45 **Group Work ( 4 Groups)**

Ada E. Yonath

Tim Hunt

Bengt Nordén

Joseph L. Kirschvink (09:00-13:45)

### 14:00-16:00 **Presentations by High School Students**

14:00-14:10	Laboratory Workshop	Ohsumi team
14:10-14:30	Laboratory Workshop	Shirakawa team
14:30-14:50	Group Work	Yonath team
14:50-15:10	Group Work	Hunt team
15:10-15:30	Group Work	Nordén team
15:30-15:50	Group Work	Kirschvink team

### 16:00-16:30 **Wrap Up**

**Bengt Nordén**, Founder and Chairman, Molecular Frontiers Foundation

**Masayuki Takahashi**, Professor, Tokyo Institute of Technology

**Hiroshi Iwasaki**, Professor, Tokyo Institute of Technology

### 16:30 **Closing Remarks**

**Toshio Maruyama**, Executive Vice President, Tokyo Institute of Technology