

[New Frontier of Chemical Probes exploring Biology and Medicine \(#350\)](#)

08:00am - 12:00pm Japanese Standard Time (JST) - December 18, 2021 | Room: Virtual

[Atsushi Shimoyama](#), Session Host; [Jianhua Qi](#), Session Host

Topic Area: (03) Organic

Session Type: Oral - Virtual

Saturday

[Self-assembling bioactive small molecules](#)

08:00am - 08:30am Japanese Standard Time (JST) - December 18, 2021 | Room: Virtual

[Motonari Uesugi](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

Saturday

[FITGE-based target identification: New tool in chemical biology](#)

08:30am - 09:00am Japanese Standard Time (JST) - December 18, 2021 | Room: Virtual

[Seung Bum Park](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

Saturday

[NPD10084, a small molecule inhibitor of PKM2, identified by the newly developed 2DE-CETSA](#)

09:00am - 09:30am Japanese Standard Time (JST) - December 18, 2021 | Room: Virtual

[Hiroyuki Osada](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

Saturday

[New paradigm for cell specific fluorescent probe development](#)

09:30am - 10:00am Japanese Standard Time (JST) - December 18, 2021 | Room: Virtual

[Young-Tae Chang](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

## Saturday

### [Antibodies recognizing dynamic neoepitopes generated by cancer-specific truncated immature O-glycosylation](#)

10:00am - 10:20am Japanese Standard Time (JST) - December 18, 2021 | Room: Virtual

[Shin-Ichiro Nishimura](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

### [New Frontier of Chemical Probes exploring Biology and Medicine \(#350\)](#)

01:00pm - 05:00pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Minoru Ueda](#), Session Host

Topic Area: (03) Organic

Session Type: Oral - Virtual

## Sunday

### [Chemical approach to dissect the plant hormone signaling](#)

01:00pm - 01:30pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Minoru Ueda](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

## Sunday

### [Signaling molecules for reproduction of phytopathogenic microorganisms](#)

01:30pm - 02:00pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Jianhua Qi](#), Presenter; [Lihong Cheng](#); [Hiroyuki Osada](#); [Toshio Nishikawa](#); [Lan Xiang](#)

Topic Area: (03) Organic

Session Type: Oral - Virtual

## Sunday

### [Unified synthesis of aplysiatoxin/oscillatoxins, Hawaiian marine natural products](#)

02:00pm - 02:30pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Toshio Nishikawa](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

### Sunday

[Clinical trials, progression-speed differentiating features, and swiftness rule of the innovative targets of first-in-class drugs](#)

02:30pm - 03:00pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Feng Zhu](#), Presenter

Topic Area: (03) Organic

Session Type: Oral - Virtual

### Sunday

[Chemical probe-based approach for functional analysis of anticancer saponin OSW-1](#)

03:00pm - 03:20pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Kaori Sakurai](#), Presenter; [Xin Li](#); [Naho Isogai](#); [Xiang Li](#)

Topic Area: (03) Organic

Session Type: Oral - Virtual

### Sunday

[Tracking nitric oxide dynamics in live cells with novel imaging tools](#)

03:20pm - 03:40pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Xin Li](#), Presenter; [Rui-Ying Guo](#); [Yu-Tian Zhang](#); [Yi Zang](#)

Topic Area: (03) Organic

Session Type: Oral - Virtual

### Sunday

[Inokosterone prolongs the lifespan of yeast by regulating oxidative stress and autophagy](#)

03:40pm - 04:00pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Yanan Liu](#), Presenter; [Qian Liu](#); [Lan Xiang](#); [Jianhua Qi](#)

Topic Area: (03) Organic

Session Type: Oral - Virtual

### Sunday

[Synthesis and immunological functions of symbiotic bacterial lipopolysaccharide partial structures](#)

04:00pm - 04:20pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Atsushi Shimoyama](#), Presenter; [Keisuke MIZOTE](#); [Tomoya Uto](#); [Haruki Yamaura](#); [Flaviana Di Lorenzo](#); [Yukari Fujimoto](#); [Jun Kunisawa](#); [Hiroshi Kiyono](#); [Antonio Molinaro](#); [Koichi](#)

[Fukase](#)

Topic Area: (03) Organic

Session Type: Oral - Virtual

Sunday

[Development of the selective small molecule inhibitor as a powerful tool to reveal the complex physiological functions of tumour associated kinase DYRK2](#)

04:20pm - 04:40pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Jue Wang](#), Presenter; [Tiantian Wei](#); [Ruqi Liang](#); [Wendong Chen](#); [Ruijun Tian](#); [Junyu Xiao](#); [Xiaoguang Lei](#)

Topic Area: (03) Organic

Session Type: Oral - Virtual

Sunday

[Solid-phase total synthesis and target identification of yaku'amide B](#)

04:40pm - 05:00pm Japanese Standard Time (JST) - December 19, 2021 | Room: Virtual

[Hiroaki Itoh](#), Presenter; [Masayuki Inoue](#)

Topic Area: (03) Organic

Session Type: Oral - Virtual