

Anti-Aging International Mini-Symposium 2014: Cell Signaling and Therapeutic Targets for Geriatric and Inflammatory Diseases

Date: Saturday, 7th June, 2014

Venue: 39-302, Kinki University, Higashi-Osaka, Japan

Opening remark

13:00-13:05 Osamu Muraoka (Dean, Fac. Pharm., Kinki Univ.)

Special lecture

Chair: Atsufumi Kawabata

13:05-13:45 **Matthew Whiteman** (Univ. Exeter Med. Sch., UK)

Triphenylphosphonium derived H₂S donors

(Designated to Special lecture for graduate school students)

Session 1 Cell Signaling

Chairs: Matthew Whiteman & Fumiko Sekiguchi

13:45-14:05 **Kazuhiko Matsuo** & Takashi Nakayama (Chemotherapy, Fac. Pharm., Kinki Univ.)

Roles of chemokine system in induction of immune responses and its application for vaccine development

14:05-14:25 **Ryosuke Satoh** & Reiko Sugiura (Mol. Pharmacogenomics, Fac. Pharm., Kinki Univ.)

Role of RNA-binding protein in MAPK signaling and cell fate regulation

<14:25-14:35 **Tea break**>

Invited lecture 1

Chair: Masahiro Iwaki

14:35-15:05 **Guzel Sitdikova** (Physiol. Man Animals, Kazan Fed. Univ., Russia)

H₂S and ion channels

Session 2 Enzymes as therapeutic targets

Chairs: Guzel Sitdikova and Atsufumi Kawabata

15:05-15:25 **Naoyuki Kawao** & Hiroshi Kaji (Physiol. Regenerative Med., Fac. Med., Kinki Univ.)

Plasminogen plays a primary role in bone repair

15:25-15:45 **Mai Fujimoto** & Mitsutaka Takada (Clin. Drug Inform., Fac. Pharm., Kinki Univ.)

A survey of statin-associated adverse events based on data mining of medical databases

<15:45-15:55 **Tea break**>

Invited lecture 2

Chair: Reiko Sugiura

15:55-16:25 **Anton Hermann** & Tomas M. Weiger (Cell Biol., Univ. Salzburg, Austria)

Ion channels, polyamines and cell proliferation

Session 3 Ion channels and transporters as therapeutic targets

Chairs: Anton Hermann & Shigeru Yoshida

16:25-16:45 **Atsushi Kawase** & Masahiro Iwaki (Biopharmaceutics, Fac. Pharm., Kinki Univ.)

Alterations in expression and function of ABC transporters and ERM proteins in adjuvant-induced arthritis rats

16:45-17:05 **Kazuki Fukami** & Atsufumi Kawabata (Pharmacol. Pathophysiol., Fac. Pharm., Kinki Univ.)

Roles of hydrogen sulfide and T-type calcium channels in neuroendocrine-differentiated prostate cancer cells at an androgen-independent stage

Closing remark

17:05-17:10 Atsufumi Kawabata