

# **International Symposium on Regenerative Medicine at Nagasaki University**

(March 9, 2018. Ryojun Auditorium 1F)

## **Opening remarks:**

**14:20 - 14:25 Yasushi Miyazaki**, Director of Atomic Bomb Disease Institute, Nagasaki University.

## **Session 1.** (Chairpersons: Ren-Ke Li, Gangjian Qin)

**14:25 - 14:45 Tao-Sheng Li** (Nagasaki University, Japan)  
The potential factors regulating endogenous regeneration.

**14:45 - 15:05 Yoshinori Sumita** (Nagasaki University, Japan)  
Cell-based therapy with modified mononuclear cells for radiation-damaged salivary glands.

**15:05 - 15:25 Tomoshi Tsuchiya** (Nagasaki University, Japan)  
Remodeling the vasculature niche in the decellularized lung scaffold.

**15:25 - 15:45 Mitsuhsa Takatsuki** (Nagasaki University, Japan)  
Regenerative medicine in digestive organ.

**15:45 - 16:10 Ke Cheng** (NC State University, USA)  
Harnessing micro- and nano-technologies for better cell therapies.

**16:10 - 16:25 Coffee break**

## **Session 2.** (Chairpersons: Tao-Sheng Li, Ke Cheng)

**16:25 - 16:50 Yaoliang Tang** (Medical College of Georgia, USA)  
Exosomes generated from stem cells prevent cardiomyocyte apoptosis in the ischemic myocardium.

**16:50 - 17:15 Gangjian Qin** (The University of Alabama at Birmingham, USA)  
E2F1 in EPC oxidative metabolism and endothelial differentiation.

**17:15 - 17:40 Yucai Xie** (Shanghai Jiao Tong University School of Medicine, China)  
Bmi-1 high-expressing cells enrich cardiac stem cells and respond to heart injury.

**17:40 - 18:05 Ren-Ke Li** (University of Toronto, Canada)  
Stem cell therapy to prevent heart failure: Repair, Regeneration, Rejuvenation.

**18:05 - 18:30 Takashi Takeuchi** (Tottori University, Japan)  
What determines differences in regenerative abilities between mice and newts?

**18:30 - (Closing remarks by Prof. Atsushi Kawakami)**

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