



Joint Weizmann – SIMS Symposium On Stem Cell Biology

January 13-14, 2016

The David Lopatie Conference Centre
Weizmann Institute of Science

Program

January 13th, 2016

09:00-11:00 Morning Session

09:00-09:10 Opening remarks

09:10-09:35 **Dr. Tsvee Lapidot**
Weizmann Institute, Israel
Metabolic regulation of blood and bone forming stem cells;
The roles of ROS and Nitric Oxide

09:35-10:00 **Dr. Hyog Young Kwon**
Soonchunhyang Institute of Medi-bio Science, Korea
Cell fate determinants and leukemia progression

10:00-10:25 **Dr. Sujung Song**
Soonchunhyang Institute of Medi-bio Science, Korea
Genetic and epigenetic cues controlling cancer hallmarks

10:25-10:55 **Dr. Seongho Ryu**
Soonchunhyang Institute of Medi-bio Science, Korea
The role of Polycomb repressor complex in cancer
stem cell maintenance

11:00-11:30 Coffee Break

11:30-13:15 Noon Session

11:30-11:55 **Dr. Youngjo Kim**
Soonchunhyang Institute of Medi-bio Science, Korea
Lamins are required for maintaining 3D organization of specific
genomic domains in embryonic stem cells

11:55-12:20 **Dr. Jacob (Yaqub) Hanna**
Weizmann Institute, Israel
Molecular mechanisms for establishing and
resolving pluripotency

12:20-12:45 **Dr. Man Ryul Lee**
Soonchunhyang Institute of Medi-bio Science, Korea
Achieving complete iPS cell reprogramming: epigenetic
and metabolism

12:45-13:10 **Dr. Atan Gross**
Weizmann Institute, Israel
Mitochondria metabolism and stem cell fate

13:15-14:30 Lunch

14:30-15:50 Afternoon session

14:30-14:55 **Dr. Jeong Kyo Yoon**
Soonchunhyang Institute of Medi-bio Science, Korea
R-spondin in skeletal muscle stem cells

14:55-15:20 **Dr. Eldad Tzahor**
Weizmann Institute, Israel
The roles of the microenvironment in cardiac maturation
and regeneration

15:20-15:45 **Dr. Youngsook Son**
Kyung Hee University, Korea
A new role of substance-p in the mobilization of MSC and EPC
for tissue repair: myocardial infarction and diabetic retinopathy

15:50-16:10 Coffee Break

16:10-17:00 Afternoon session

16:10-16:35 **Dr. Jae-Won Shim**
Soonchunhyang Institute of Medi-bio Science, Korea
Disease modeling study for Parkinson's disease using human
pluripotent stem cells

16:35-17:00 **Dr. Orly Reiner**
Weizmann Institute, Israel
Regulation of Neural Stem Cells by the activity of
Ubiquitin-ligases

January 14th, 2016

09:00-10:30 Morning session

09:00-09:25 **Dr. Lilach Gilboa**
Weizmann Institute, Israel
The stem cell differentiation niche

09:25-09:50 **Dr. Yongsung Hwang**
Soonchunhyang Institute of Medi-bio Science, Korea
Engineering bio-inspired microenvironments for
musculoskeletal tissue regeneration

09:50-10:15 **Dr. Irit Sagi**
Weizmann Institute, Israel
ECM remodeling as a potential regulator of stem cell activity

10:15-10:30 Closing remarks

10:30-11:00 Coffee Break

Sponsors

The Maurice and Gabriela Goldschleger Conference
Foundation at the Weizmann Institute of Science

Organizing Committee

Lilach Gilboa
Weizmann Institute of Science

Tsvee Lapidot
Weizmann Institute of Science

Coordinator

Inbal Azoulay
inbal.azoulay@weizmann.ac.il
+972 (8) 934 4510

For registration



<http://tinyurl.com/jre96bf>