

Cell Cycle Regulation and Tumorigenesis Symposium

Aspiration Theatre, Level 2M, Matrix, 30 Biopolis Street, Singapore

Monday, 7 September 2009 (Day 1)

Session Chair	Uttam Surana Institute of Molecular and Cell Biology, Singapore
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8.40am – 9.00am Registration

9.00am – 9.15am Welcome address
Neal Copeland
Executive Director
Institute of Molecular and Cell Biology, Singapore

9.15am – 10.15am Plenary Talk
Mitsuhiro Yanagida
Kyoto University, Japan

Title: Nutritional Control of Chromosome Segregation

10.15 – 10.55am Keiko Nakayama
Tohoku University, Japan

Title: Differential specificity of substrate accumulation in ubiquitin ligase SCF^{FBXW7} deficient cells

10.55am – 11.15am Coffee break

11.15am – 11.55am Mohan Balasubramanian
Temasek LifeSciences Laboratory, Singapore

Title: Assembly of Prokaryotic and Eukaryotic Cell Division Rings

11.55am – 12.35pm Stephan Gasser
Life Sciences Institute, National University of Singapore, Singapore

Title: Immune clearance of senescent cells

12.35pm – 2.30pm Lunch & Poster Session

2.30pm – 3.10pm Yoichi Taya
Cancer Science Institute of Singapore, National University of Singapore

Title: Novel Functions of p53 in Nucleus and near Plasma Membrane

- 3.10pm – 3.50pm** **Kanaga Sabapathy**
National Cancer Centre, Singapore
- Title: “Knock-in” mouse models to understand p53 functions *in vivo*
- 3.50pm – 4.30pm** **Philipp Kaldis**
Institute of Molecular and Cell Biology, Singapore
- Title: In vivo functions of cyclin-dependent kinases (Cdks) in mitosis and meiosis
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- 4.30pm – 5.00pm** **Coffee break**
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- 5.00pm – 5.40pm** **Jörg Heierhorst**
St. Vincent's Institute of Medical Research, Australia
- Title: Role of SQ/TQ cluster domain phosphorylation in the DNA damage response
- 5.40pm – 6.10pm** **Kum Kum Khanna**
The Queensland Institute of Medical Research, Australia
- Title: Coping with DNA damage to maintain genome stability: identification of novel players in the damage response pathway

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Tuesday, 8 September 2009 (Day 2)

Session Chair	Philipp Kaldis Institute of Molecular and Cell Biology, Singapore
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8.40am – 9.00am Registration

9.00am – 9.40am Eiji Hara
The Cancer Institute, Japanese Foundation for Cancer Research, Japan

Title: Real-time *in vivo* imaging of *p16^{Ink4a}* expression unveils a cross-talk between p53 and *p16^{Ink4a}*

9.40am – 10.20am Brian Gabrielli
Diamantina Institute for Cancer Immunology and Metabolic Medicine, University of Queensland, Australia

Title: Suberythral UV radiation imposes a G2 phase checkpoint in response to post replication repair in skin

10.20am – 11.00am Randy Poon
Hong Kong University of Science and Technology, Hong Kong

Title: Genome reduplication: the role of the PLK1-betaTrCP-EMI1-APC/C axis in genome instability

11.00am – 11.20am Coffee break

11.20am – 12.00pm Zhou Zhongjun
University of Hong Kong, Hong Kong

Title: Impaired chromatin modification interferes with DNA double strand break repair in premature aging syndrome

12.00pm – 12.40pm Uttam Surana
Institute of Molecular and Cell Biology, Singapore

Title: Dealing with Double Strand Breaks: Checkpoint Execution and Adaptation

12.40pm – 2.30pm Lunch & Poster Session

- 2.30pm – 3.10pm** **Rey-Huei Chen**
Institute of Molecular Biology, Academia Sinica, Taiwan
- Title: AAA-ATPase Cdc48 promotes bi-orientation of chromosomes through cofactor Shp1
- 3.10pm – 3.50pm** **Liu Jianhua**
Genome Institute of Singapore, Singapore
- Title: Checkpoint kinase Cds1 modulates the G1/S-specific transcriptional activity at the onset of S-phase arrest
- 3.50pm – 4.30pm** **Sophie Bellanger**
Institute of Medical Biology, Singapore
- Title: Modulation of cell cycle ubiquitin-ligases by the E2 proteins of oncogenic Papillomaviruses
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- 4.30pm – 4.50pm** **Coffee break**
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- 4.50pm – 5.30pm** **David Virshup**
Duke-NUS Graduate Medical School, Singapore
- Title: Regulators of the Wnt Signaling pathway
- 5.30pm – 6.10pm** **Sir David Lane**
A*STAR, Singapore
- Title: Cyclo Therapy: Exploiting p53 mutation to improve therapeutic index