7th International p63/p73 Workshop Program

Please note: The scheduled times for talks are 25min and 10min. Speakers are reminded to keep to the allotted times to allow for questions and discussion following each talk. Session chairs will be asked to keep speakers to their allotted time.

Friday April 22nd, 2016

8:30 am – Welcome address

Session I – Phenotypes and mechanisms of p73 in development

8:45 am – p73 is required for Multiciliogenesis and Regulates the Foxj1-Associated Gene Network
Jennifer Pietenpol, Vanderbilt University, Nashville, TN #24

9:15 am – Lack of p73 impairs ependymal Planar Cell Polarity establishment and ciliogenesis
Maria C Marín, University of León, León, Spain #16

9:30 am – Discovery of somatic gene alterations in TP73 in diffuse large B-cell lymphomas
Qiang Pan-Hammarström, Karolinska Institutet, Stockholm, Sweden #25

9:45 am – TAp73 is a master transcriptional regulator of airway multiciliogenesis upstream of FoxJ1
Ute M. Moll, Stony Brook University, Stony Brook, NY #20

10:15 am – Coffee Break

Session II - P63 involvement in phosphoprotein signaling

10:45 am - PI3K Signaling and p53 Family in Cancer Metastasis
Zhi-Xiong Jim Xiao, Sichuan University, ChengDu, China #34

11:15 am – The protein kinase p38alpha regulates epidermal p63 turnover and function via direct phosphorylation
Min-Kyung Choo, Massachusetts General Hospital, Boston, MA #47

11:30 am – Cisplatin and radiation induce loss of ovarian reserve by acivation of TAp63α through different mechanism
So-Youn Kim, Northwestern University, Chicago, IL #14

11:45 am – p63 cross-talk with BRAFi resistance in melanoma
Ankit Patel, Queen Mary University of London, London, United Kingdom #21
12:00 pm – Lunch & Poster Session

**Session III** - Transcriptional mechanisms of p63

1:30 pm – A pioneer role of p63 in gene regulation during epidermal commitment and differentiation  
Huiqing Zhou, Rabdoud University, Nijmegen, The Netherlands       #43

2:00 pm – Differential regulation of p16ink4a and p19arf pathways in p63-overexpressing keratinocytes  
Wendy C. Weinberg, Food and Drug Administration, Silver Spring, MD       #33

2:15 pm – p63 dialogue with epigenome controls the establishment of epidermal differential program and maintain the epithelial lineage identity in keratinocytes  
Vladimir Botchkarev, University of Bradford, Bradford, United Kingdom       #39

2:45 pm – iASPP: a regulator of p63 and a key player in cutaneous wound healing  
Xin Lu, University of Oxford, Oxford, United Kingdom       #41

3:15 pm – Regulation of iASPP-p63 feedback loop in Cutaneous Squamous Cell Carcinoma  
Daniele Bergamaschi, Queen Mary University of London, London, United Kingdom       #4

3:30 pm – Coffee Break

4:00 pm – Keynote Address - TBD  
Pier Paolo Pandolfi, Director of Cancer Center & Cancer Research Institute at Beth Israel Deaconess Medical Center, Boston, MA

Gala Dinner
Saturday April 23rd, 2016

Session I - P63 developmental and cellular phenotypes

9:00 am – Novel functional and mechanistic insights into the pathogenesis of AEC syndrome
Caterina Missero, University of Napoli Federico II, Napoli, Italy #40

9:30 am – p63 supports aerobic respiration and counteracts oxidative stress in epithelial cells
Eleonora Candi, University of Rome Tor Vergata, Rome, Italy #6

9:45 am – c-Rel is required for ΔNp63α/v-RasH2-driven Carcinogenesis
Kathryn E. King, Food and Drug Administration, Silver Spring, MD #15

10:00 am – Furry mouse and thick-skinned humans: A genomic tale of p63 network through evolution
Satrajit Sinha, State University of New York at Buffalo, Buffalo, NY #51

10:30 am – Coffee Break

Session II – Mechanisms of p73 in carcinogenesis

11:00 am – Multiple facets of p73 in cellular survival
Kanaga Sabapathy, National Cancer Center Singapore, Singapore #50

11:30 am – ΔNp73 downregulation by β-cryptoxanthin enhances the antitumoral activity of oxaliplatin in colon cancer
Gemma Domínguez, Universidad Autónoma de Madrid, Madrid, Spain #10

11:45 am – Crosstalk between p53 family and hypoxia inducible factor in cancer
Ivano Amelio, Medical Research Council Toxicology Unit, Leicester, United Kingdom #1

12:00 pm – Crosstalk between the oncogenic PI3K signaling pathway and the tumor suppressive p73 signaling pathway
Chao Wang, National Cancer Centre Singapore, Singapore #32

12:15 pm – Lunch & Poster Session
Session III – *P53 family network in cancer*

1:45 pm – **The p53 family in cancer biology**
Gerry Melino, Medical Research Council Toxicology Unit, Leicester, United Kingdom #44

2:15 pm – **Upstream and downstream regulators of ΔNp63α**
Madhavi Kadakia, Wright University, Dayton, OH #49

2:45 pm – **Cell cycle arrest by p53 family members through DREAM-dependent transcriptional repression**
Kurt Engeland, University of Leipzig, Leipzig, Germany #11

3:00 pm – **Regulation of ribosome biogenesis by a p-53 regulated long noncoding RNA**
Ashish Lal, National Institutes of Health, Bethesda, MD #52

3:15 pm – **Drugging the p53 pathway through knowledge gained by manipulating p63 and p73**
Elsa Flores, The University of Texas, Houston, MD #45

3:45 pm – **Coffee break**

Session IV - *Mechanisms of p63 in carcinogenesis (I)*

4:15 pm - **Down-regulation of ΔNp63α is Essential in Metformin-induced Anoikis upon Inhibition of Glycolysis in Squamous Cell Carcinoma**
Yong Yi, Sichuan University, Chengdu, China #36

4:30 pm – **ACTL6A is co-Amplified with p63 in Squamous Cell Carcinoma to Drive YAP Activation, Regenerative Proliferation and Poor Prognosis**
Leif W. Ellisen, Massachusetts General Hospital, Boston, MA #27

5:00 pm – **Breaking into chromatin with p63: Genomic mistargeting of p63 drives the cancer phenotype in Head and Neck Squamous Cell Carcinoma**
Isha Sethi, State University of New York at Buffalo, Buffalo, NY #29

5:15 pm – **The isoform-specific activity of TA and ΔN p63/p73 isoforms in tumor suppression**
Xinbin Chen, University of California at Davis, Davis, CA #9

5:45 pm – **Hyaluronic acid metabolism is important for the p63-dependent tumorigenesis**
Angelo Peschiaroli, Institute of Cell Biology and Neurolobiology, Rome, Italy #23

Wine & Cheese
Sunday, April 24th, 2016

Session I - Mechanisms of p63 in carcinogenesis (II)

8:30 am – **ΔNp63 is an important cell fate regulator of normal mammary gland and basal like breast cancer**
Rumela Chakrabarti, University of Pennsylvania, Philadelphia, PA  #7

9:00 am – **TAp63 controls the transition of mammary epithelial and cancer cells to tumor initiating cells through regulation of the Hippo pathway**
Xiaohua Su, University of Texas, Houston, TX  #48

9:15 am – **Defining the role of deltaNp63 in osteosarcoma metastasis and targeting of its downstream effectors in vivo**
Hakan Cam, Nationwide Children’s Hospital, Columbus, OH  #5

9:30 am – **ΔNp63α induces the expression of FAT2 and Slug to promote tumor cell invasion**
Gray Pearson, University of Texas, Dallas, TX  #22

10:00 am – **Coffee Break**

Session II – P63 in aging and regeneration

10:30 am – **The Bright side of the 1918 Influenza Pandemic: Insights into Lung Regeneration, the Underlying p63+ Lung Stem Cell, and Therapeutic Options for COPD**
Frank McKeon, University of Houston, Houston, TX  #42

11:00 am – **The role of the p63-Rbm loop in Premature Aging and Tumor Suppression**
Jin Zhang, University of California at Davis, Davis, CA  #37

Session III - Emerging phenotypes and mechanisms of p63/p73

11:15 am – **The role of the p53 family in neural stem cells and neurons**
David Kaplan, University of Toronto, Ontario, Canada  #13

11:45 am – **wtp-53-TAp73 heterodimer formation and Mdmx destabilization Jnk**
Lindsey D. Mayo, Indiana University School of Medicine, Indianapolis, IN  #19

12:00 pm – **The tumor suppressor WWOX, gene product of a common fragile site, cooperates with p63 and p73 to promote apoptosis and antagonize genomic instability**
Rami I. Aqeilan, Hebrew University-Hadassah Medical School, Jerusalem, Israel  #2
12:15 pm – **Mechanism of inhibition and activation of TAp63a in oocytes**
Volker Dotsch, University of Frankfurt, Frankfurt, Germany
**Poster presentations.**
Please note, speakers are welcome to present posters representing the work as well.

#3 - Investigating the Role of the p63 SAM Domain in Protein – Protein Interactions and Transcriptional Regulation
Scott Beeler, Vanderbilt University, Nashville, TN

#8 – Linc-p53X: a critical pro-survival player in the p53 network
Ritu Chaudhary, National Institutes of Health, Bethesda, MD

#12 – Novel ΔNp63α up-regulated miRNA involved in EMT
Natasha Hill, Wright State University, Dayton, OH

#17 – p73 is Required for Multiciliogenesis and Regulates the Foxj1-Associated Gene Network
Clayton B. Marshall, Vanderbilt University, Nashville, TN

#18 – YAP alteration and kinase inhibition in triple negative breast cancer
Karina J. Matissek, Massachusetts General Hospital, Boston, MA

#26 – JNK Regulation of ΔNp63α
Suraj Sakaram, Wright State University, Dayton, OH

#27 – ACTL6A is co-Amplified with p63 in Squamous Cell Carcinoma to Drive YAP Activation, Regenerative Proliferation and Poor Prognosis
Srinivas Vinod Saladi, Massachusetts General Hospital, Boston, MA

#28 – The Role of p73 in Hormonally-Regulated Tissues
Gabriela L. Santos Guasch, Vanderbilt University, Nashville

#30 – Targeting the p53 mutant-adapted state in triple-negative breast cancer
Timothy M. Shaver, Vanderbilt University, Nashville, TN

#31 - Post-translational Regulation of ΔNp63α by the Tip60 Histone Acetyltransferase
Andrew J. Stacy, Wright State University, Dayton, OH

#35 – The distinctive functions of p73 C-terminally spliced isoforms in tumorigenesis and neuronal differentiation
Wensheng Yan, University of California at Davis, Davis, CA

#38 – Modulation of p63 expression by phosphorylation of RBM38 at S195 via miR-203
Yanhong Zhang, University of California at Davis, Davis, CA