

10:30 - 11:00 AM	Coffee Break
11:00 AM - 1:00 PM Roone Arledge Auditorium	Session 3 Transcriptional regulation Chair: J. Bargonetti
11:00 - 11:25 AM	W. Gu Dissecting the molecular mechanisms of p53 stabilization and activation upon stress. (S8)
11:30 - 11:55 AM	J. Manfredi p53 promotes tumor cell survival via the reversibility of its cell cycle checkpoints: Roles for p21, CDC25C, and, <i>surprisingly</i> , MDM2. (S9)
12:00 - 12:25 PM	C. Prives Transcriptional regulation of p53 mediated apoptosis. (S10)
12:30 - 12 55 PM	Y. Taya P53 and Clathrin Heavy Chain regulate mutual function in nucleus and cytoplasm. (S11)
1:00- 2:00 PM Roone Arledge Auditorium	Lunch
2:00 - 4:00 PM Roone Arledge Auditorium	Session 4 Poster Session I Afternoon coffee service will be available
4:00 - 6:30 PM Roone Arledge Cinema	Session 5 p53 variants Chair: T. Tlsty
4:00 - 4:25 PM	U. Moll p73 suppresses polyploidy and aneuploidy and contributes to the maintenance of genomic integrity. (S12)
4:30 - 4:55 PM	X. Chen The common and distinct domains of the p53 family proteins and their transcriptional activity. (S13)
5:00 - 5:25 PM	W. Deppert Mutant p53: Oncogenic by perturbing gene expression? (S14)
5:30 - 5:40 PM	G. Blandino Chemoresistance of tumor cells linked to mutant p53/p73 protein complex. (P14)
5:45 - 5:55 PM	F. McKeon p63 protects the female germline by eliminating DNA-damaged oocytes during meiotic arrest. (P228)
6:00 - 6:15 PM	E. Flores p63 and p73 transcriptionally regulate genes involved in DNA repair. (P54)

6:15 - 6:25 PM **J-C. Bourdon** Characterization of p53 isoforms. **(P18)**

Evening Free

Monday, May 22

7:30 - 8:30 AM Continental Breakfast
Roone Arledge Auditorium

8:30 -10:30 AM **Session 6**
Roone Arledge Cinema **Upstream/checkpoint/regulation**
Chair: D. Lane

8:30 - 8:55 AM **T. Halazonetis** Activation of the DNA Damage checkpoint is an early event in the natural history of human cancer selecting for p53 mutations. **(S15)**

9:00 - 9:25 AM **M. Kastan** Molecular controls of the ATM-p53 pathway. **(S16)**

9:30 - 9:55 AM **C. Harris** Telomeric dysfunction induces p53-dependent apoptosis and senescence. **(S17)**

10:00 -10:10 AM **S-Y Shieh** The candidate tumor suppressor BTG3 is a transcriptional target of p53 that inhibits E2F1. **(P175)**

10:15 -10:25 AM **Y. Haupt** A role for PML in the regulation of p53 by CK1. **(P67)**

10:30 - 11:00 AM Coffee Break

11:00 AM - 1:00 PM **Session 7**
Roone Arledge Cinema **Apoptosis**
Chair: K. Vousden

11:00 - 11:25 AM **C. Thompson** Did p53 evolve to promote cell survival during nutrient deprivation? **(S18)**

11:30 - 11: 55 AM **D. Green** The interaction of p53, PUMA, and Bcl-xL in controlling apoptosis. **(S19)**

12:00 - 12:25 PM **S. Benchimol** Determination of p53-dependent cell fate decision. **(S20)**

12:30 - 12: 55 PM **J. Milner** p53 and SIRT1 under non-stress conditions. **(S21)**

1:00 - 2:00 PM Lunch
Roone Arledge Auditorium

2:00 - 4:00 PM
Roone Arledge Auditorium

Session 8
Poster Session II
Afternoon coffee service will be available

4:00 - 6:00 PM
Roone Arledge Cinema

Session 9
Regulation and function of p53
Chair: M. Oren

4:00 - 4:25 PM

L. Donehower Participation of the WIP1 phosphatase in the p53 negative feedback regulatory loop. **(S22)**

4:30 - 4:55 PM

G. Del Sal The prolyl-isomerase PIN1 regulates the timing of p53 activation. **(S23)**

5:00 - 5:10 PM

M. Laiho NPM and PML interact and cooperate in the regulation of p53 in UV damage and tumorigenesis. **(P97)**

5:15 - 5:25 PM

Y. Shaul Molecular basis of ubiquitin independent proteasomal degradation of p53 and p73. **(P172)**

5:30 - 5:40 PM

L. Brown CDIP a novel p53 target gene regulates TNF α -mediated apoptosis in a p53 dependent manner. **(P25)**

6:30 - 11:00 PM
Buses depart 6:30 PM
from 115th & Broadway

Boat Tour of Manhattan
Atlantica

Tuesday, May 23

7:30 - 8:30 AM
Roone Arledge Auditorium

Continental Breakfast

8:30 - 10:30 AM
Roone Arledge Cinema

Session 10
Mouse Models
Chair: D. Green

8:30 - 8:55 AM

G. Evan The when, where and why of p53-mediated tumor suppression. **(S24)**

9:00 - 9:25 AM

L. Attardi Dissecting p53 function using transactivation mutant knock-in mice. **(S25)**

9:30 - 9:55 AM

S. Lowe Evading p53 action during tumorigenesis and therapy. **(S26)**

10:00 - 10:25 AM

G. Lozano p53 Cell cycle arrest and apoptosis in tumor suppression. **(S27)**

10:30 - 11:00 AM	Coffee Break
11:00 AM - 1:00 PM Roone Arledge Cinema	Session 11 Regulation and Outcomes Chair: S. Benchimol
11:00 - 11:25 AM	T. Tlsty Early epigenetic and genetic events in carcinogenesis. (S28)
11:30 - 11:55 AM	V. Rotter A genome wide expression profiling search for p53 regulated gene networks. (S29)
12:00 - 12:25 PM	M. Resnick p53 target response elements: "Rules of the Game," SNPs and integration of master regulatory pathways. (S30)
12:30 - 12:40 PM	J-C. Marine New insights into the physiological and oncogenic functions of MDMX. (P120)
12:45 - 12:55 PM	Y. Zhang Essential role of MDM2 E3 ubiquitin ligase in mouse embryonic development. (P221)
1:00 - 2:00 PM Roone Arledge Auditorium	Lunch
2:00 - 4:00 PM Roone Arledge Cinema	Session 12 MDM2 and p53 Chair: A. Levine
2:00 - 2:25 PM	M. Oren Lats and p53: Tumor suppressor duo in prevention of tetraploidy. (S31)
2:30 - 2:55 PM	K. Vousden* An essential function of the extreme C-terminus of MDM2 in the degradation of p53 can be provided by MDMX. (S32) <i>* Sponsored by the Pathological Society of Great Britain and Ireland</i>
3:00 - 3:25 PM	D. Meek Regulation of p53 through post-translational modification and protein-protein interactions targeted at MDM2. (S33)
3:30 - 3:55 PM	H. Lu Proteomic analysis of the MDM2-MDMX-p53 pathway. (S34)
4:00 - 4:10 PM	W. Hu A single nucleotide polymorphism in the MDM2 gene disrupts the p53-MDM2 oscillation. (P186)
4:10 - 4:30 PM	Coffee Break

4:30 - 6:30 PM
Roone Arledge Cinema

**Session 13:
Mouse Models II
Chair: G. Lozano**

4:30 - 4:55 PM

P. P. Pandolfi Revisiting the PTEN-p53 network. **(S35)**

5:00 - 5:25 PM

X. Lu Modifiers of p53. **(S36)**

5:30 - 5:55 PM

G. Wahl Gatekeepers of the guardian: Insights into p53 activation by MDM2 and MDM4 revealed by mouse models. **(S37)**

6:00 - 6:25 PM

A. Braithwaite Deletion of the putative apoptotic regulatory domain of Tp53 does not impair tumor suppression ability. **(S38)**

8:00 PM - Midnight
Low Library Rotunda,
Columbia University

Banquet

Wednesday, May 24

7:30 - 8:30 AM
Roone Arledge Auditorium

Continental Breakfast

8:30 - 10:30 AM
Roone Arledge Cinema

**Session 14
Translational p53 I
Chair: C. Cordon-Cardo**

8:30 - 8:55 AM

A. Gudkov Modulation of p53 activity in normal tissues and tumors: mechanistic insights and therapeutic opportunities. **(S39)**

9:00 - 9:25 AM

L. Vasilev Pharmacological p53 activation by inhibitors of the p53-MDM2 interaction. **(S40)**

9:30 - 9:55 AM

G. Selivanova Targeting of p53 by small molecule RITA restores its tumor suppressor function. **(S41)**

10:00 - 10:10 AM

L. Wu The AmpliChip p53 Test - microarray based detection of p53 mutations in cancer. **(P145)**

10:15 - 10:25 AM

P. Hainaut Recent developments of the IARC TP53 Database: annotations on the functional impact of mutations add a new dimension for the analysis of mutation spectra in human cancer. **(P 227)**

10:30 - 11:00 AM

Coffee Break

11:00 AM - 1:00 PM
Roone Arledge Cinema

Session 15
Translational p53 II
Chair: A. Braithwaite

- 11:00 - 11:25 AM **C. Cordon-Cardo** Prognostic significance of TP53 in human bladder and prostate cancer and its cooperative effects with PTEN/AKT. **(S42)**
- 11:30 - 11:55 AM **A-L. Borreson-Dale** Pattern of genetic variation in the TP53 locus indicates LD across flanking genes with certain haplotypes associated with increased breast cancer risk. **(S43)**
- 12:00 - 12:25 PM **K. Wiman** Therapeutic targeting of mutant p53 by small molecules. **(S44)**
- 12:30 - 12:55 PM **W. El Diery** Insights into stability and therapeutic manipulation of the effector function of p53. **(S45)**
- 1:00 - 2:00 PM **Meeting Adjourns**
Box Lunch