

Cell Death

Session 1 KEYNOTE SPEAKERS WEDNESDAY 9/26/2007, 7:30 PM

Eileen White, "Role of Apoptosis and Autophagy in Cancer"

Hermann Steller, "Regulation of Caspases by Ubiquitin-Pathway Proteins"

Session 2 BIOCHEMICAL MECHANISMS OF CELL DEATH WEDNESDAY 9/26/2007, 9:00 PM

S. Kornbluth

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Shi	Title only: Regulation of apoptosome assembly and disassembly	25
1	Kornbluth	Apoptosome inhibition by leukemic tyrosine kinases	25

Session 3 MITOCHONDRIAL STRUCTURE AND FUNCTION THURSDAY 9/27/2007, 9:00 AM

R. Youle / J. Nunnari

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Youle	Regulators of mitochondrial division in death and in health	25
2	Nunnari	Mitochondrial dynamics and apoptosis	25
3	Hockenbery	¹³ C NMR isotopomer analysis of metabolic network regulation by the oncogene c-Myc during cell cycle entry	15
4	Walensky	Structural analysis of a Bax-Bim SAHB complex reveals a novel Bax activation site	15
5	Andrews	Insertion of tBid in membranes precedes interaction with Bax and leads to Bax oligomerization and mitochondrial membrane permeabilization	15
6	Jin	Autophagic degradation of mitochondria and its role in mitochondrial functions	15
7	Chipuk	Pro-apoptotic BAX and BAK require endoplasmic reticulum-derived sphingolipid metabolism to induce mitochondrial outer membrane permeabilization	15

Session 4 POSTER SESSION I THURSDAY 9/27/2007, 2:00 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
8	Albeck	Monitoring apoptotic decisions in single cells	
9	Aldridge	Regulation of caspases-3 by XIAP	
10	Almasan	Proteasome inhibitor-induced apoptosis is dependent on the interaction of a cyclin E1 fragment with Ku70 to regulate Bax-mediated apoptosis	
11	Arama	Regulation of caspase activation during <i>Drosophila</i> spermatogenesis	
12	Bagchi	Chd5, a chromatin remodeling protein, is a tumor suppressor encoded by human <i>1p36</i>	
13	Barnes	A critical role for IRF-5 in the cellular response to genotoxic stress	
14	Barone	Role of the peptidyl prolyl cis/trans isomerase Pin1 in neuronal cell death induced by nerve growth factor deprivation	
15	Bertout	HIF2 α inhibits the p53 pathway—Role in radiation therapy response	
16	Bewley	Host-mediated macrophage apoptosis is dependent on lysosomal changes mediated by pneumolysin	
17	Billen	Bcl-XL is functionally equivalent to a dominant negative Bax	

18	Bolden	Mechanisms of tumor-selective apoptosis mediated by vorinostat in a controlled system of human cell transformation
19	Bornhauser	Bh3 mimetics potentiate the effect of ATO-mediated drug sensitization in glucocorticoid-resistant acute lymphoblastic leukemia
20	Burgess	Functional RNAi screening identifies topoisomerase expression levels as crucial determinants of chemotherapy response in vitro and in vivo
21	Campbell	The role of Mnt in Myc-induced haemopoietic malignancy
22	Cernotta	Modulation of the pro-apoptotic function of HDAC4
23	Chen	Mitochondria sense and amplify the apoptotic signals
24	Roelofs	Bcl-X _L regulates mitochondrial energetics in neurons
25	Kim	Suppression of IKK β activation by FAF1
26	Courtiade	Biochemical characterization of caspase-like proteins in the cotton bollworm <i>H. armigera</i> (Lepidoptera:Noctuidae)
27	Zinkel	A role for pro-apoptotic Bax and Bak in T cell malignancy
28	Diffner	Involvement of cyclin A1 in apoptosis in murine hematopoietic stem cells
29	Ditsworth	Role of the PP2A-associated protein α 4 in the DNA damage response
30	Polcic	BimEL induces Bax-dependent cell death by inhibition of Bcl-XL when expressed in yeast
31	Eriksson	Inhibition of the ubiquitin/proteasome system induces permanent growth retardation and apoptosis in growth plate chondrocytes
32	Flusberg	Protein translation and differential sensitivity in the TRAIL cell death network
33	Frenzel	The BH3-only proteins Bmf and Bad act as tumor suppressors in c-myc induced lymphomagenesis
34	Frezza	Exploring the molecular composition of OPA1 complexes
35	Gambalunga	Identification and characterization of novel PTP inhibitors
36	Sreenivas	Conservation of pro-apoptotic nuclease activity of endonuclease G in unicellular trypanosomatid parasites
37	Jiang	Dynamic and cooperative regulation of XIAP by Smac/Diablo
38	Garcia-Fernandez	Role of the pro-apoptotic ARTS protein in mouse hematopoietic stem cell apoptosis and tumor suppression
39	Garrison	Selection against <i>PUMA</i> gene expression during B cell lymphomagenesis
40	Webster	Bile acid induced hepatocyte apoptosis involves mitochondrial translocation of protein kinase C
41	Gillissen	Mcl-1 mediates the Bax dependency of Nbk-Bik-induced apoptosis
42	Grandér	Glucocorticoids induce autophagic cell death in lymphoid leukemias
43	Graupner	Preferential activation of Bak in mitochondria-mediated apoptosis

44	Walczak	TRAIL-R deficiency enhances lymph node metastasis without affecting primary tumor development
45	Guo	Gain of function phenotypes elicited by a p53 hot spot mutation requires AKT activation
46	Guy	Genetic engineering of the caspase cleavage site of baculovirus p49 converts p49 to a potent inhibitor of initiator caspase Dronc in vitro and in cultured <i>Drosophila</i> cells
47	Meier	Inhibitor of apoptosis (IAPs) proteins in ubiquitin-mediated signaling
48	Harmalkar	Tamoxifen-induced apoptosis of malignant glioma cells is brought about by oxidative stress
49	Hayashi	NF- κ Bp50-deficient mice as animal model of normal tension glaucoma—Requirement for NF- κ Bp50 in ganglion cell survival
50	Helgason	Elevation as well as deregulation of E2F1 is required for enhanced oncogene induced chemosensitivity
51	Hlavata	Does modulation of mitochondrial reticular network reflect bioenergetic state of mitochondria or vice versa?—Where are we now?
52	Hong	Anti-apoptotic APIP induces sustained activation of AKT and ERK1/2 and contributes to cellular transformation
53	Shen	Critical role of phosphoinositide 3-kinase signaling pathway in oxidative stress-mediated autophagic cell death
54	Huang	Blockade of TNF-induced Bid cleavage by caspase-resistant Rb
55	Hutchins	<i>Drosophila</i> Homer is required for proper apoptotic regulation during retinal development
56	Zhang	Novel aspects of the FADD function in lymphocytes revealed using hypomorphic FADD mutant and conditional FADD-deficient mice
57	Ekert	The role of Puma, Bim and Bid in apoptosis triggered by interleukin-3 (IL-3) withdrawal
59	Jette	Genetic and biochemical analysis of zebrafish and mammalian Bcl-2 family proteins and the identification of new genetic modifiers of Bcl-2 in vivo
60	Jezek	Cell distribution of human cell death-inducing DFFA-[DNA fragmentation factor]-like effector-A, CIDEa
61	Hetman	Inhibition of RNA Pol I transcription induces nucleolar stress and p53 dependent apoptosis in neurons
62	Kang	ER stress-induced cell death in mouse RAW264.7 cells—A potential role of caspase 11
63	Khammari	Physiological apoptosis during <i>Drosophila</i> ovarian polar cell selection involves a canonical Hid/Dronc/Drice cascade
64	Kim	Identification of potential protease substrates by 2-dimensional gel electrophoresis
65	Kim	N33, a tumor suppressor candidate 3 (TUSC3), is accumulated during hypoxia and regulates HIF-1 α
66	Kissova	The role of ROS in regulation of mitophagy in yeast
67	Koenig	Active caspase-8 associates rapidly in lipid rafts during T cell activation
68	Krizhanovsky	Senescent cells are target of innate immune system in liver fibrosis
69	Krocova	B cell apoptosis induced by <i>F. tularensis</i>

70	Kronenberg	Assessing BCL-X _L mutations and their role in spontaneous and X-ray-induced autosomal mutagenesis in human B-lymphoid cells
71	Singh	Role of SR domains of the ASAP complex in regulation of the HIV-1 alternative RNA splicing
72	Kurokawa	Leukemic tyrosine kinases inhibit apoptosome formation through suppression of Hsp90 β phosphorylation
73	Kutuk	Modulating sensitivity to paclitaxel-induced apoptosis in breast cancer—A role for Bcl-2 proteins?
74	Labi	Loss of the Bh3-only protein PUMA rescues mice from γ -irradiation induced lymphomagenesis
75	Lakshmanan	Caspase-4 interaction with TRAF6 mediates LPS-induced NF- κ B activation and IL-8 and MIP-1 β production
76	Lavi	Proapoptotic, anti-inflammatory and anticarcinogenic properties of orally administered glucans harvested from <i>P. pulmonarius</i> fruiting bodies versus mycelium grown in submerged culture
77	Lazar	The role of Livin in oncogenesis reveals a novel mode of gene regulation
78	Lee	A molecular toolbox for investigating apoptosis
79	Fairlie	Crystal structure of ABT-737 complexed with Bcl-X _L —Implications for selectivity of Bcl-2 family antagonists
80	Lee	TRIM39 is a novel regulator of MOAP1 in mammalian cells
81	Bergmann	The E1-ubiquitin-activating enzyme <i>uba1</i> in <i>Drosophila</i> controls apoptosis autonomously and tissue-growth non-autonomously
82	Lefevre	Involvement of metacaspase MCA1 and mitochondrial frataxin deficiency in cell death of the human yeast pathogen <i>C. albicans</i>
83	LeGrand	Mcl-1 regulates apoptosis and autophagy in neuronal survival
84	Li	Apoptosis regulation by Bcl-X _L modulation of mammalian IP ₃ R channel isoform gating
85	Likhacheva	Recovery of caspase 3 gene activity in MCF-7 adenocarcinoma cells under action of extracellular DNA
86	Lin	Androgen receptor-mediated upregulation of Noxa is independent of p53 and Mcl-1 in prostate cancer cells
87	Day	Characterization of MDM RING domain interactions
88	Liou	Regulation of cellular energetics by the interaction of MLK3 with mitochondrial adenine nucleotide translocase 2
89	Yang	Dual effect of α -synuclein on toxicity of rotenone with exposure period in SH-SY5Y cells
90	Zwacka	Mesenchymal stem cells expressing TRAIL—A novel strategy for cancer treatment
91	Margineantu	Metabolic state and Hsp90-dependent turnover of mitochondrial proteins
92	Marriott	Characterization of anti-apoptotic bacterial factors involved in macrophage survival during meningococcal infection

93	McStay	Overlapping cleavage motif selectivity of caspases—Implications for analysis of apoptotic pathways
94	McTaggart	Regulation of caspase-9 by phosphorylation
95	Medema	A single cancer stem cell can recapitulate a complete colon carcinoma and confers therapy resistance due to autocrine IL-4 signaling
96	Meyerkord	Disruption of the Rad9-Rad1-Hus1 complex enhances cell sensitivity to etoposide by inducing BH3-only protein expression

Session 5 CANCER

THURSDAY 9/27/2007, 7:30 PM

S. Lowe / K. Vousden

#	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Lowe	Title only: Genetic models of cancer in mice	25
	Vousden	Title only: Regulation of cell death through the p52 pathway	25
97	Villunger	Characterization of the BH3-only protein Bmf in cell death induction and disease	15
98	Du	The function of BRUCE/Apollon in genomic stability maintenance and tumor suppression	15
99	Curato	DNA alkylating damage induces tumor cell death independent of apoptosis	15
100	Vucic	IAP antagonists induce rapid auto-ubiquitination of c-IAP1 and 2, NF- κ B activation, and TNF-dependent apoptosis	15
101	Larisch	The mitochondrial IAP-antagonist ARTS, binds the Bir3/XIAP domain with higher affinity than Smac/Diablo and by a distinct mechanism	15
102	Coffman	Programmed cell death of primordial germ cells in <i>Drosophila</i> is regulated by p53 and the outsiders monocarboxylate transporter	15

Session 6 SIGNALING PATHWAYS

FRIDAY 9/28/2007, 9:00 AM

T. Mak / S. Nagata

#	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Mak	Title only: Cell death under metabolic stress	25
103	Nagata	Autoimmune diseases caused by defects in apoptotic cell death and clearing dead cells	25
104	Tschopp	Autoproteolysis of PIDD determines the engagement of pro-survival NF κ B or pro-death caspase-2 pathway	15
105	Danial	Dual role of the pro-apoptotic BAD in insulin secretion and β cell survival	15
106	Ryazanov	Translational regulator eEF2 kinase modulates apoptosis, stress resistance, and lifespan in mice	15
107	Link	Genes required for communal cell death	15
108	Valley	Intracellular localization and function of human BH3 only protein Noxa is regulated by phosphorylation	15
109	Yang	Control of caspase-8 activation during lymphocyte proliferation	15

Session 7 CASPASES AND OTHER PROTEASE PATHWAYS

FRIDAY 9/28/2007, 1:30 PM

D. Green / G. Evan

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
110	Green	Toll-like receptor signaling in macrophages links phagocytosis to autophagy	25
111	Evan	Defining the therapeutic potential of targeting oncoproteins and tumor suppressors using kinetic genetics in mice	25
112	Yi	A genome-wide RNAi screen reveals critical regulators of caspase activation	15
113	Cheng	The p53-lysosomal cathepsin axis defines programmed necrotic death activated by DNA damage	15
114	Zhang	A critical role of FLIP in B lymphocytes	15
115	Bergmann	Distinct mechanisms of apoptosis-induced compensatory proliferation in proliferating and differentiating tissues in the <i>Drosophila</i> eye	15
116	Voss	PKC δ -dependent phosphorylation of caspase-3 and its association with Hsp27 regulate monocyte life span	15

Session 8 POSTER SESSION II

FRIDAY 9/28/2007, 4:30 PM

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
117	Zhang	The sequence surrounding the conserved BH3 core domain determines the binding specificity to antiapoptotic Bcl-2 family members	
118	Mitchell	Regulation of p63 by Akt in murine salivary glands	
119	Mohr	MnSOD protects colorectal cancer cells from TRAIL-induced apoptosis by inhibition of Smac/Diablo release	
120	Mohrin	The role of cell death and DNA repair in normal and abnormal hematopoiesis	
121	Moon	Epac1-mediated Rap1 regulates BAFF expression	
122	Morishima	Possible involvement of an endoplasmic reticulum stress sensor protein in apoptosis in myoblasts	
123	Hockenbery	A mouse model of diabetes in pancreatic β cells resulting from tissue specific expression of a dominant negative allele of nuclear respiratory factor 1	
124	Nakajima	Mitochondria are expelled from vacuolic dying cells	
125	Nakajima	Sequential activation of Bax is separately regulated by Bcl-2 family proteins	
126	Nakanishi	Positive regulation of cell death by endoplasmic reticulum stress enhances myofiber formation in vitro	
127	Oh	Identification of E3 ligase activity in the RING finger protein 166 during dopaminergic neuronal cell death	
128	Okabe	Toll-like receptor independent but interferon regulatory factor -3/7 dependent gene induction activated by mammalian DNA escaped from apoptotic DNA degradation	
129	Overkamp	Cooperative effect of p21 ^{CIP/WAF-1} and 14-3-3 σ on cell cycle arrest and apoptosis induction by p14 ^{ARF}	
130	Paquet-Durand	Activities of calpain and poly-ADP-ribose-polymerase (PARP) in rd1 mouse retinal degeneration	

131	Parent	Quantitative proteomic analysis of enriched lysosomes in camptothecin-induced apoptosis in human lymphoma U937 cells
132	Park	Microarray expression profiling and analysis of early signaling transcripts in an experimental parkinsonism model
133	Zambrana	Sex dimorphic estrogen regulated cell death
134	Lin	Conversion of anti-apoptotic Bcl-2 to a pro-apoptotic form
135	Perumalsamy	Notch1 negatively regulates apoptosis mediated by the Bcl-2 family pro-apoptotic protein Bax
136	Phillips	Bim and Puma are essentially required for Bax activation in response to p53-dependent and -independent apoptotic stimuli
137	Pietrzak	<i>MCL-1</i> is activated by triiodothyronine via p13-K/AKT pathway
138	Ploner	The Bcl-2 rheostat in glucocorticoid-induced cell death
139	Potts	Hox genes and cofactors directly regulate <i>egl-1</i> transcription and programmed cell death in <i>C. elegans</i>
140	Pyati	Regulation of <i>PUMA</i> expression in zebrafish
141	Qi	Role of regulatory molecules and prothymosin α in apoptosis pathway
142	Yu	The BH3-only protein PUMA regulates intestinal stem cell radio sensitivity
143	Ranganathan	Critical requirement of Par-4 cleavage by caspase 8 in TRAIL-induced apoptosis of cancer cells
144	Du	The function of BRUCE/Apollon in genomic stability maintenance and tumor suppression
145	Rialland	Type I interferons control poly(I:C)-induced splenic dendritic cells apoptosis
146	Rong	Targeting Bcl-2-IP3 receptor interaction to reverse Bcl-2's inhibition of apoptotic calcium signals
147	Saylor	Characterization of cell death induced by ricin in epithelial and endothelial cells
148	Kuwana	Activation profile of BH3 peptides on Bak
149	Schile	Regulation of apoptosis by XIAP ubiquitin-ligase activity
150	Hockenbery	2-methoxy antimycin reveals a unique mechanism for Bcl-x _L inhibition
151	Zhang	The BH3-only protein Nix is required for mitochondrial clearance during reticulocyte maturation
152	Du	A prosurvival role of nuclear caspase -2 in response to DNA damage
153	Shin	Nuclear translocation of glyceraldehyde-3-phosphate dehydrogenase is involved in experimental models of Parkinson's Disease
154	Shoval	ZIPk—A unique case of murine-specific divergence of a conserved vertebrate gene
155	Shroff	BH3 peptides induce cell death in a Bax and Bak independent manner
156	Shu	Alterations of Aurora-A and regulation of androgen receptor by Aurora-A in human prostate cancer
157	Snyder	Bcl-2 family members regulate nitric oxide induced cell death

158	Sohn	Expression of EWS/FLI-1 causes apoptosis in mouse embryonic fibroblasts
159	Sokolov	Defects of Ysp2p dependent mitochondrial fragmentation prevents apoptosis in yeast <i>S. cerevisiae</i>
160	Huang	IKK β /NF κ B p50/GADD45A—A novel apoptotic pathway upon arsenite exposure
161	Sorce	Malignant infarction after middle cerebral artery occlusion in CCR5-deficient mice
162	Spencer	Cell-to-cell variability in the apoptotic threshold
163	Stein	Redistribution of nuclear proteins during apoptosis
164	Lin	5-aminoimidazole-4-carboxamide riboside sensitizes TRAIL- and TNF α -induced cytotoxicity in colon cancer cells through AMPK signaling
165	Sukumaran	Bacterial pathogen-host cell interaction as an experimental paradigm for investigating the core mechanism of apoptosis signaling in mitochondria
166	Swerdlow	Apoptosis inhibition by Bcl-2 gives way to autophagy in glucocorticoid-treated lymphocytes
167	Talos	p73 suppresses polyploidy and aneuploidy in the absence of functional p53
168	Tan	Rapamycin-induced autophagy in T-47D mammary cells revealed novel gene expression patterns
169	Tanner	Mitochondrial morphology and programmed cell death in the <i>Drosophila</i> ovary
170	Ham	The proapoptotic <i>dp5</i> gene is a direct target of the MLK-JNK-AP-1 pathway in sympathetic neurons
171	Ullman	Autophagy promotes necrosis in apoptosis-deficient cells in response to ER stress
172	Gilmore	Bax activation and apoptosis commitment during anoikis are dependent upon p38MAP kinase activation
173	Uzdensky	Signaling control of apoptosis in photosensitized glial cells
174	Uzdensky	Photoinduced necrosis of neuronal and glial cells is controlled by cell signaling machinery
175	van Heeringen	Genome-wide p53 binding sites and the versatility of the transcriptional stress response
176	Vandergaast	Identification of <i>Spodoptera</i> and <i>Drosophila</i> caspases targeted by baculoviral inhibitors p35 and p49
177	VanWinkle	Diazoxide protection
178	Santos	Excitotoxic stimulation of Ca ²⁺ -permeable AMPA receptors activates JNK in a Ca ²⁺ -dependent manner
179	Silke	IAP antagonists kill tumor cells by targeting cIAP1, resulting in activation of NF- κ B and induction of TNF α
180	Vogler	Targeting Bcl2 with ABT-737—A promising strategy to kill leukemia cells
181	Wang	Phosphorylation of Nur77 by MAP kinase regulates its nuclear export and enhances its proapoptotic function through a mitochondria-dependent pathway in a T hybridoma
182	Wang	Is endophilin B2 involved in apoptosis?— A lesson from RNAi
183	Wang	NF- κ B directly activates PUMA in response to TNF- α treatment

184	Wang	Endothelial cells from muscle's microcirculation are not the major contributor to I/R-induced cell apoptosis or necrosis detected in rat skeletal muscle
185	Wang	ASPP2 mediates Ras induced senescence by inhibiting autophagy
186	Wilson	Role of XIAP in regulating FLIP siRNA-induced apoptosis
187	Wu	Mechanism of activation of caspase-1 by the ASC pyroptosome
188	Zhu	clAP1 cooperates with Myc by acting as a ubiquitin ligase for Mad1
189	YAMAZAKI	The ER protein MG23 potentiates etoposide-induced cell death by targeting mitochondria
190	Yu	Critical role for the pyrin inflammasome in caspase-1 activation by the autoinflammatory disease-associated PSTPIP1 mutants
191	Yuan	Functional and expression analysis identify Yes-associated protein (YAP) as a candidate tumor suppressor gene in breast cancer
192	Zhang	PKC δ mediates Nrf2-dependent protection of neuronal cells from nitric oxide-induced apoptosis
193	Zhao	Inactivation of p53 cooperates with activated Ras to promote acute myeloid leukemia

Session 9 ALTERNATIVE DEATH PATHWAYS

FRIDAY 9/28/2007, 8:00 PM

C. Thompson / B. Stockwell

#	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Thompson	Title only: T cells reprogram their metabolism—Implications for apoptosis control	25
194	Stockwell	Genotype-selective anti-tumor agents reveal new cell death mechanisms	25
195	Cheng	Loss of the yeast mitochondrial fission protein <i>FIS1</i> drives selection for specific mutations that alter TOR signaling	15
196	Overholtzer	Entosis is a non-apoptotic death mechanism in matrix-deprived cells	15
197	Pellettieri	Cell death and adult tissue homeostasis in planarians	15
198	Kim	Toward the elucidation of calcineurin-dependent anti-death pathway	15
199	Engelberg-Kulka	Programmed cell death and multicellular behavior in bacteria—A novel communication peptide required for <i>mazEF</i> -mediated cell death in <i>E. coli</i>	15

Session 10 DISEASE MODELS AND SYSTEMS BIOLOGY

SATURDAY 9/29/2007, 9:00 AM

E. White / S. Cory

#	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Cory	Title only: Bcl-2 regulated apoptosis and therapeutic potentials	25
200	Sorger	Modeling and measuring snap-action and failure modes of a switch controlling extrinsic cell death	25
201	Ding	Constitutive activation of NF- κ B2 represses Bim expression and induces autoimmunity	15
202	Phelan	<i>C. elegans</i> as a model for neuroacanthocytosis diseases	15
203	Huang	The Bcl-X _L :Bak axis controls platelet lifespan	15
204	Alnemri	The pyroptosome—A supramolecular assembly of ASC dimers mediating inflammatory cell death via caspase-1 activation	15

205 Edgar CAML (calcium modulating cyclophilin ligand) regulates thymocyte apoptosis 15

Session 11 MULTIPLE FUNCTIONS OF CELL DEATH REGULATORS IN THE

SATURDAY 9/29/2007, 2:00 PM

K. White / E. Jonas

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
206	White	Regulation of neural stem cell apoptosis in <i>Drosophila</i>	25
207	Jonas	A Bcl-xL inhibitor prevents cell death in brain	25
208	Conradt	The apoptotic death of the NSM sister cell is directly controlled by a conserved cell polarity pathway	15
209	Cheung	The role of apoptosis-inducing factor (AIF) in regulating mitochondrial function in neurons	15
210	Cipolat	The role of OPA1 in differentiation of embryonic stem cell to neurons and cardiomyocytes	15
211	Derry	The SCF ^{FSN-1} ubiquitin ligase controls apoptosis and synaptogenesis through CEP-1/p53 in <i>C. elegans</i>	15
212	Vaughn	Glucose metabolism inhibits apoptosis in neurons and cancer cells by redox inactivation of cytochrome <i>c</i>	15

Session 12 NEW STRATEGIES AND DIRECTIONS

SUNDAY 9/30/2007, 9:00 AM

M.C. Simon / B. Hay

<u>#</u>	<u>Iname</u>	<u>Title</u>	<u>Talk Length</u>
	Simon	Title only: Hypoxia and stem cells in tumorigenesis	25
213	Hay	Using cell death and microRNAs to fight insect-borne infectious diseases	25
214	Bric	Identification of tumor suppressor genes using an in vivo RNAi screen	15
215	Pombo	SOK-1 translocates from the Golgi to the nucleus upon oxidative stress and induces apoptotic cell death	15
216	Gonzalvez	Cardiolipin provides an essential activating platform for caspase-8 on mitochondria	15
217	Fennell	BH3 domain of BID interacts with VDAC1/prohibitin complex and depolarizes mitochondria in the absence of cristae remodeling	15
218	Letai	BH3 profiling identifies three distinct classes of apoptotic blocks to predict response to ABT-737 and conventional chemotherapeutic agents	15