Coach #2	Coach #1	Presenter	Journal Article	Title of Talk	Date
Andres Leschziner	Victoria D'Souza	Jon Russell	Masaki Imai et al. (2012). "Experimental adaptation of an influenza H5	_	17-May-12
			HA confers respiratory droplet transmission to a reassortant H5	avian flu cross the road? H5N1 is	
Dill Calbant	Crain Human	Manadith IV.	HA/H1N1 virus in ferrets." Nature, 1-11. doi:10.1038/nature10831	no yolk!	07 Apr 40
Bill Gelbart	Craig Hunter	Meredith Kuo	McCloskey, A. et al. hnRNP C Tetramer Measures RNA Length to Classify RNA Polymerase II Transcripts for Export. Science 335, 1643-	How long is my & Why Should I care?"	27-Apr-12
			1646. (2012)	Should I care?	
Vlad Denic	Craig Hunter	Tessa Montague	Rawi, Al, S. et al. Postfertilization autophagy of sperm organelles	Spermanent damage: an elegans	27-Apr-12
			prevents paternal mitochondrial DNA transmission. Science 334,	, .	-
			1144–1147 (2011)	, ,	
			Sato, M. & Sato, K. Degradation of paternal mitochondria by fertilization-		
			triggered autophagy in C. elegans embryos. Science 334, 1141–1144		
			(2011).		
Alex Schier	Vlad Denic	Sara Leiman	The enolase of Borrelia burgdorferi is a plasminogen receptor released in	Ticked Off: the story of an	20-Apr-12
			outer membrane vesicles. Toledo A, Coleman JL, Kuhlow CJ, Crowley	overworked	
			JT, Benach JL. Infect Immun. 2012 Jan;80(1):359-68. Epub 2011 Nov	grad studentI mean, enzyme	
Bill Gelbart	Nicole Francis	Christina Saak	DNA breaks and chromosome pulverization from errors in mitosis.	Chromosome break - Escape is just	20-Apr-12
Bill Colbart	TVICOIC I TATIOIS	Omouna Gaak	Crasta K, Ganem NJ, Dagher R, Lantermann AB, Ivanova EV, Pan Y,	the beginning	20 7 (5) 12
			Nezi L, Protopopov A, Chowdhury D, Pellman D. Nature. 2012 Feb 2;		
			482(7383):53-8		
Bill Gelbart	Florian Engert	Zain Ali	Recombination and Replication in DNA Repair of Heavily Irradiated	How can you mend a broken	13-Apr-12
			Deinococcus radiodurans" Slade et al, Cell Volume 136, Issue 6, 20	genome?	
			March 2009, Pages 1044–1055		
Colleen	Susan Mango	Ryan Richardson	Successful Transmission of a Retrovirus Depends on the Commensal	There's a Hole in My Bucket	6-Apr-12
Cavanaugh			Microbiota. Melissa Kane et al. Science 334, 245 (2011);Intestinal		
			Microbiota Promote Enteric Virus Replication and Systemic Pathogenesis Sharon K. Kuss et al. Science 334, 249 (2011)		
			Sharon K. Kuss et al. Science 334, 249 (2011)		
x David Haig	Christopher Marx	Nava Gharaei	Running with the Red Queen: Host-Parasite Coevolution Selects for	Sex, Death and the Red Queen	6-Apr-12
			Biparental Sex", LT Morran et al., Science 2011		·
Cassandra	Alex Schier	Kristin Little	Prions are a common mechanism for phenotypic inheritance in wild	Bent out of shape over a	30-Mar-12
Extavour			yeasts Randal Halfmann, Daniel F. Jarosz, Sandra K. Jones, Amelia	controversial prion-based form of	
			Chang,, Alex K. Lancaster1 & Susan Lindquist Nature, Feb 2012	epigenetic inheritance	
Vlad Denic	Rich Losick	Cua Liana Chaw	tDNIAs marked with CCACCA are targeted for degradation	Why Do You Build Mo Up	20 Mar 12
Viad Denic	RICH LOSICK	Guo-Liang Chew	tRNAs marked with CCACCA are targeted for degradation. Wilusz JE, Whipple JM, Phizicky EM, Sharp PA.	Why Do You Build Me Up	30-Mai-12
			Science. 2011 Nov 11;334(6057):817-21.		
			11,334(0037).017 21.		
Bill Gelbart	Susan Mango	Saireudee	A reserve stem cell population in small intestine renders Lgr5-positive	A Tale of Two Stem Cells: Decades	23-Mar-12
		Chaturantabut	cells dispensable. Tian, H., Biehs, B., Warming, S., Leong, K. G., et al. A	of Gut Stem Cell Controversy	
			reserve stem cell population in small intestine	Reconciled	
			renders Lgr5-positive cells dispensable. Nature 478, 255-259		
			(2011).		
Nicolo Eronoio	Androw Murroy	Hannah Footor	Experimental evalution of multicallularity by Potaliff et al. 2044	When Colle United Exploring The	22 Mar 12
Nicole Francis	Andrew Murray	naman Foster	, · · · · · · · · · · · · · · · · · · ·		23-War-12
				Evolution of Multicellularity in Yeast	
	Andrew Murray	Hannah Foster	renders Lgr5-positive cells dispensable. Nature 478, 255-259 (2011). Experimental evolution of multicellularity by Ratcliff et al., 2011	When Cells Unite: Exploring The Evolution of Multicellularity in Yeast	23-Mar-12

Date	Title of Talk	Journal Article	Presenter	Coach #1	Coach #2
9-Mar-12	After a While You Don't Notice the Smell	McGrath PT, Xu Y, Ailion M, Garrison JL, Butcher RA, Bargmann CI. Parallel evolution of domesticated Caenorhabditis species targets pheromone receptor genes. Nature. 2011 Aug 17;477(7364):321-5. doi: 10.1038/nature10378.	Bram Sterling	Catherine Dulac	Craig Hunter
9-Mar-12	Reach Out and Touch	Pigment pattern formation by contact-dependent epolarization. Science. 2012 Feb 10;335(6069):677	Alex Schier	n/a	n/a
2-Mar-12	I Only Have Eyes for You	Molecular recognition of a single sphingolipid species by a protein's transmembrane domain	Olivia Ho-Shing	Vlad Denic	Andres Leschziner
2-Mar-12	Immortal Strands in Regenerating Muscle Stem Cells	A Subpopulation of Adult Skeletal Muscle Stem Cells Retains All Template DNA Strands after Cell Division	Feng Tian	Nancy Kleckner	Nicole Francis
24-Feb-12	" Lost in the desert or Where the f@&k are we??	Ant odometry in the third dimension, Sandra Wohlgemuth*, Bernhard Ronacher* & Rüdiger Wehner², Nature, 2001 The Ant Odometer: Stepping on Stilts and Stumps, Matthias Wittlinger, Rüdiger Wehner, Harald Wolf, Science, 2006	Florian Engert	n/a	n/a
24-Feb-12	Superman's Kryptonite	A Pseudomonas aeruginosa toxin that hijacks the host Ubiquitin Proteolytic System Bomberger JM, Ye S, MacEachran DP, Koeppen K, Barnaby RL, et al. 2011 A Pseudomonas aeruginosa. PLoS Pathog 7(3): e1001325. doi:10.1371/journal.ppat.1001325	Mo Mostajo	Catherine Dulac	Richard Losick
17-Feb-12	An Epic Tail of Lizards, Robots, and Dinosaurs	Tail-assisted pitch control in lizards, robots and dinosaur	Patrick Hsu	David Nelson	Andres Leschziner
17-Feb-12	Making nonsense of scents	A natural poymorphism alters odour and DEET sensitivity in an insect odorant receptor (Pellegrino et al 2011)	Clarissa Scholes	Cassandra Extavour	Venki Murthy
10-Feb-12	Should I stay or should I go? – How flies read mixed signals	Modulation of TRPA1 thermal sensitivity enables sensory discrimination in Drosophila	Iris Odstrcil	Alex Schier	Vlad Denic
10-Feb-12	EAT or not to EAT, it's NOT a question	Poly(ADP-Ribose) Polymerase 1 Participates in the Phase Entrainment of Circadian Clocks to Feeding	Yang Jian	Catherine Dulac	Vlad Denic
3-Feb-12	Resurrecting (protein) Zombies to Counter Intelligent Design: Experimental Evidence for the Evolution of Biological Complexity"	Finnigan et al, Evolution of increased complexity in a molecular machine, Nature 481, 360–364 (2012)	Jon Russell	Briana Burton	Cassandra Extavour
3-Feb-12	The Drunken Sailor	Dynein achieves processive motion using both stochastic and coordinated stepping" by Qui et al	Ezgi Hacisuleyman	Andres Leschziner	Vlad Denic
27-Jan-12	Transtranslation in Translation Research	Wanliang Shi, et al Pyrazinamide Inhibits Trans-Translation in Mycobacterium tuberculosis Science 333, 1630 (2011)	Richard Losick	n/a	n/a
27-Jan-12	VH1 Special: Understanding Mitosis Part Deux	Single-Molecule mRNA Decay Measurements Reveal Promoter- Regulated mRNA Stability in Yeast" Citation: Trcek et al. Cell, Volume 147, Issue 7, 1484-1497	Kathleen Fleming	Cassandra Extavour	Victoria D'Souza
20-Jan-12	No, that's My miRNA: how selfish noncoding RNAs may provide an additional layr4 of post- transcriptional gene regulation	A Long Noncoding RNA Controls Muscle Differentiation by Functioning as a Competing Endogenous RNA.", Marcela Cesana et al. Cell 2011	Nick Weir	Nicole Francis	Alex Schier
20-Jan-12	Beyond Carrots and double stranded RNA: Dicer Dreams Big	Caspase-dependent conversion of Dicer ribonuclease into a death-promoting deoxyribonuclease." Nakagawa A, Shi Y, Kage-Nakadai E, Mitani S, Xue D. Science. 328(5976):327-34 (2010).	Dima Ter-Ovanesyan	Susan Mango	Nicole Francis

Date	Title of Talk	Journal Article	Presenter	Coach #1	Coach #2
9-Dec-11	1	Mechanical strain in actin networks regulates FilGAP and integrin binding to filamin A. Ehrlicher, et al. (2011). Nature 478: 260-263	Joe Piechura	Rachelle Gaudet	Alex Schier
9-Dec-11	Find Your Niche Before Your Blood Does: Aging And The Neurogenic Niche.	Villeda SA, Luo J, Mosher KI, Zou B, Britschgi M, Bieri G, Stan TM, Fainberg N, Ding Z, Eggel A, Lucin KM, Czirr E, Park JS, Couillard-Després S, Aigner L, Li G, Peskind ER,Kaye JA, Quinn JF, Galasko DR, Xie XS, Rando TA, Wyss-Coray T (2011). The ageing systemic milieu negatively regulates neurogenesis and cognitive function. Nature 477, 90–94.	Olga Minkina	Vlad Denic	Catherine Dulac
2-Dec-11	Social Hierarchy in the Mouse Community	Bidirectional Control of Social Hierarchy by Synaptic Efficacy in Medial Prefrontal Cortex Fei Wang, 1,2 Jun Zhu, 1 Hong Zhu, 1,2 Qi Zhang, 1 Zhanmin Lin, 1 Hailan Hu 1 * Science 4 November 2011: Vol. 334 no. 6056 pp. 693-697 ,DOI: 10.1126/science.1209951	Ryoma Hattori	Catherine Dulac	Florian Engert
2-Dec-11	Measuring Force to Open Hairpins	"The ribosome uses two active mechanisms to unwind messenger RNA during translation", Qu X., Wen J.D,. Lancaster L., Noller H., Bustamante C. & Tinoco I.Jr, Nature 475,118-121 (2011)	Carolina Salguero	Rachelle Gaudet	Victoria D'Souza
18-Nov-11	Born This Way: A Tale of Three Chickens	"Somatic sex identity is cell autonomous in the chicken." Zhao, D., Mcbride, D., Nandi, S., Mcqueen, H. A., Mcgrew, M. J., Hocking, P. M., Lewis, P. D., et al. (2010). Nature, 464(7286), 237–242. doi:10.1038/nature08852	Nichole Collins	Andy McMahon	Vlad Denic
18-Nov-11	Eat your vegetables!!!	"Exogenous Stimuli Maintain Intraepithelial Lymphocytes via Aryl Hydrocarbon Receptor Activation." Ying Li, Silvia Innocentin, David R. Withers, Natalie A. Roberts, Alec R. Gallagher, Elena F. Grigorieva, Christoph Wilhelm, Marc Veldhoen. Cell, Volume 147, Issue 3, 28 October 2011, Pages 629-640.	Monique Brewster	Susan Mango	
4-Nov-11	A Funny Thing Happened on the Way to the Golgi	"Rescue of ΔF508-CFTR trafficking via a GRASP dependent unconventional secretion pathway." Gee HY, Noh SH, Tang BL, Kim KH, Lee MG. Cell. 2011 Sep 2;146(5):746-60.	Vlad Denic	n/a	n/a
4-Nov-11	On the nature of evolution		Leo Ferreira	Andrew Murray	Vlad Denic
28-Oct-11	Molecular cue to social organizations.	"Royalactin induces queen differentiation in honeybees." Masaki Kamakura. Nature, (26 May 2011) 473, 478–483, doi:10.1038/nature10093	Mu Qiao	Alex Schier	Cassandra Extavour
28-Oct-11	The role histone methylation in worms plays in determining the lifespan of their descendants	"Transgenerational epigenetic inheritance of longevity in Caenorhabditis elegans." Nature (2011) doi:10.1038/nature10572, online 19 October 2011.	Kristian Herrera	Vlad Denic	Susan Mango
21-Oct-11	Synaptic plasticity & lifelong memories	Stably maintained dendritic spins are associated with lifelong memories by Guang Yang, Feng Pan and Wen-biao Gan (2009) Nature.	Jiang He	Venki Murthy	Florian Engert
21-Oct-11	"One needle to rule them all"	Kong X Q, Wu C W; Mosquito Proboscis: An elegant biomicroelectromechanical system, Phys. Rev. E (2010), 82, 011910	Sriram Srikant	Dan Needleman	Vlad Denic
14-Oct-11	FOREVER YOUNG: Resetting of Replicative Life Span in Yeast via Gametogeneis	Unal, et al. (Science 2011) Gametogenesis Eliminates Age-Induced Cellular Damage and Resets Life Span in Yeast	Sumin Jang	Vlad Denic	Cassandra Extavour
14-Oct-11	Bridges Too Far: A Backwards Glance At Hox Genes	Lewis. E. B. Pseudoallelism and gene evolution. Cold Spring Harbor Symposia in Quantitative Biology. 1951. 16: 159-174.	Andrew Murray	n/a	n/a

Date	Title of Talk	Journal Article	Presenter	Coach #1	Coach #2
7-Oct-11	Wipfelkrankheit: An Example of Adaptive Viral Control of Host Behavior	Hoover, K., M. Grove, M. Gardner, D. Hughes, J. McNeil, J. Slavicek. 2011. "A Gene for an Extended Phenotype." Science 333 (6048): 1401. http://www.sciencemag.org/content/333/6048/1401	Caitlin Lewarch	Andrew Murray	Cassandra Extavour
7-Oct-11	You Are What You Eat: Especially With Poop	Induction of Colonic Regulatory T Cells by Indigenous Clostridium Species. Atarashi K, Tanoue T, Shima T, Imaoka A, Kuwahara T, Momose Y, Cheng G, Yamasaki S, Saito T, Ohba Y, Taniguchi T, Takeda K, Hori S, Ivanov II, Umesaki Y, Itoh K, Honda K. Science. 2011 Jan 21;331(6015):337-41. Epub 2010 Dec 23. http://www.sciencemag.org.ezp-prod1.hul.harvard.edu/content/331/6015/337.full	Eddie Wang	Rachelle Gaudet	Peter Turnbaugh
	An insomniac's hot dream: sleep on demand in flies	Inducing Sleep by Remote Control Facilitates Memory Consolidation in Drosophila. http://www.sciencemag.org.ezp-prod1.hul.harvard.edu/content/332/6037/1571.full	Philip Shiu	Vlad Denic	Alex Schier
30-Sep-11		Wang, K. C. et al. A long noncoding RNA maintains active chromatin to coordinate homeotic gene expression. Nature 20 Mar 2011 (doi: 10.1038/nature09819)	Nicholas Ramirez	Catherine Dulac	Nicole Francis
23-Sep-11	Fine Structure of a Genetic Region in Bacteriophage	Fine Structure of a Genetic Region in Bacteriophage" PNAS, vol 41, 1955 p 344-354.	Matthew Meselson	n/a	n/a
23-Sep-11	My Little Jet Pack	Repulsion of Superinfecting Virions: A Mechanism for Rapid Virus Spread. Doceul, V., Hollinshead, M., van der Linden, L., & Smith, G.L. (2010) Science, 327 (5967) 873-876.	Alicia DeFrancesco	Rachelle Gaudet	Nicole Francis
Date	Title of Talk	Journal Article	Presenter	Coach #1	Coach #2
	MCO Retreat Edition: Frenemies: Aggression and Sex	Functional identification of an aggression locus in the mouse hypothalamus. Dayu Lin et al. Nature, 10 Feb 2011.	Lukas Bane	Rachelle Gaudet	Markus Meister
29-Apr-11	Why Fish Are Luckier Than We Are: Kidney Regeneration In Zebrafish	Identification of adult nephron progenitors capable of kidney regeneration in zebrafish. Nature. (2011) 470: 95-100.	Olga Minkina	Alex Schier	Andrew Murray
29-Apr-11	Fission Yeast Cell Division: Size Does Matter	A spatial gradient coordinates cell size and mitotic entry in fission yeast. Moseley JB et al. Nature 45; 857-860. (2009)	Saireudee Chaturantabut	Andrew Murray	Vlad Denic
22-Apr-11	"When the going gets rough, the rough gets going"	"Cells respond to mechanical stress by rapid disassembly of caveolae" by Sinha et al. Cell, Volume 144, Issue 3, 402-413, 4 February 2011.	Ezgi Hacisuleyman	Andrew Murray	David Nelson
22-Apr-11	"RNA Aptamers: The Future of Biosensing?"	: "Reprogramming Cellular Behavior with RNA Controllers Responsive to Endogenous Proteins." Culler, Hoff, and Smolke. Science Vol 330, 26 November 2010 pg 1251-1255	Sara Leiman	Alex Schier	Nicole Francis
15-Apr-11	"Evolving through the Valley of the Shadow of Death"	"Compensatory evolution in mitochondrial tRNAs navigates valleys of low fitness" Meer et al. Nature (2010) vol. 464 (7286) pp. 279-282	Nichole Collins	Michael Desai	Cassandra Extavour
8-Apr-11	"Flow of power in the Drosophila cortex"	Planar polarized actomyosin contractile flows control epithelial junction remodelling. Rauzi M, Lenne P-F, Lecuit T. Nature. 2010; 468 (7327): 1110-1114.	Xiuye Chen	Erin O'Shea	Nicole Francis
8-Apr-11	"Reprogramming: Revisited"	"Reprogramming of the paternal genome upon fertilization involves genome-wide oxidation of 5-methylcytosine." Iqbal K, Jin SG, Pfeifer GP, Szabó PE. Proc Natl Acad Sci U S A. 2011 Mar 1; 108 (9):3642-7. (Epub 2011 Feb 14).	Nicholas Ramirez	Alexander Meissner	
1-Apr-11	Dark Matter of our Biosphere: molecular time bomb, key to survival, or aliens?	Stalking the Fourth Domain in Metagenomic Data: Searching for, Discovering, and Interpreting Novel, Deep Branches in Marker Gene Phylogenetic Trees. Plos one. 6(3): e18011.	Craig Hunter	n/a	n/a

Date	Title of Talk	Journal Article	Presenter	Coach #1	Coach #2
1-Apr-11	HIV entry revisited	"HIV Enters Cells via Endocytosis and Dynamin-Dependent Fusion with Endosomes" Kosuke Miyauchi, et al. Cell,137,433-444, 2009.	Jiang He		
25-Mar-11	"Bacterial Social Network"		Nava Gharaei	Vlad Denic	Richard Losick
25-Mar-11	"Enforcing temporal fidelity on action potentials"		Nikhil Sharma	Nao Uchida	Venki Murthy
11-Mar-11	"primal small RNAs (priRNAs)": a new class of siRNA that initiates the heterochromatin silencing in S.pombe (?).	"Dicer-Independent Primal RNAs Trigger RNAi and Heterochromatin Formation." Mario Halic and Danesh Moazed, <i>Cell</i> ,140: 504-516 (2010).	Saireudee Chaturantabut	Craig Hunter	Nicole Francis
4-Mar-11	A New Finding - The Amoeba's Green Thumb	Brock, D.A, Douglas, T.E., Queller, D.C., & Strassmann, J.E. (2011). Primitive agriculture in a social amoeba. Nature, 469(7330), 393-396. doi: 10.1038/nature0966	Alicia DeFrancesco	Vlad Denic	Andrew Murray
4-Mar-11	Keeping time: it's primitive	O'Neill JS and Reddy AB. Circadian clocks in human red blood cells. Nature 469, 498-503 (2011). link: http://www.nature.com.ezp-prod1.hul.harvard.edu/nature/journal/v469/n7331/full/nature09702.html	Alix Lacoste	Erin O'Shea	Vlad Denic
25-Feb-11	Why Marcel Proust wanted to write 'In search of Lost time'?	Cortical representations of olfactory input by trans-synaptic tracing http://www.nature.com/nature/journal/vaop/ncurrent/full/nature09714.html	Mu Qiao	Florian Engert	Catherine Dulac
25-Feb-11	nAGging questions: What's the link between limb and nerve regeneration?	A Kumar, JW. Godwin, PB. Gates, AA Garza-Garcia, JP. Brockes. (2007) Molecular Basis for the Nerve Dependence of Limb Regeneration in an Adult Vertebrate. Science, 318, 722-727. Link: http://www.sciencemag.org/content/318/5851/772.abstract	Alan Rodrigues	Alex Schier	Andrew Murray
18-Feb-11	Shocking Developments or How Fish MacGyvered an Electric Organ	Arnegard ME, Zwickl DJ, Lu Y, Zakon HH. Old gene duplication facilitates origin and diversification of an innovative communication system twice. Proc Natl Acad Sci U S A. 2010 Dec 21;107(51):22172-7. Epub 2010 Dec 2. http://www.pnas.org.ezp-prod1.hul.harvard.edu/content/107/51/22172.long	Elena Kramer	n/a	n/a
18-Feb-11	How good eggs go bad.	TGF-β and Insulin Signaling Regulate Reproductive Aging via Oocyte and Germline Quality Maintenance. Shijing Luo1, Gunnar A. Kleemann1, Jasmine M. Ashraf1, Wendy M. Shaw1 and Coleen T. Murphy. October 15, 2010; Cell.	Philip Shiu	Vlad Denic	Susan Mango
11-Feb-11	"Seeing with the entire body"	Light-avoidance-mediating photoreceptors tile the Drosophila larval body wall *Yang Xiang,*Quan Yuan,*Nina Vogt,*Loren L. Looger,*Lily Yeh Jan*& Yuh Nung Jan. Nature, 468:921–92616	Ryoma Matsui	Bill Gelbart	Yun Zhang
11-Feb-11	"Do you want an Oreo or do your bacterial symbionts want an Oreo?"	Sharon, G., Segal, D., Ringo, J., Hefetz A., Rosenburg, E. (2010) Commensal bacteria play a role in mating preference in Drosophila melanogaster. PNAS 107:20051-20056. Tsuchida, T., et al. (2010) Symbiotic bacterium modifies aphid body color. Science. 330: 1102- 1104.	Aaron DeLoughery	Cassandra Extavour	Peter Turnbaugh
4-Feb-11	Tom's Revenge: Making a prion that slowly kills Jerry from scratch	Generating a Prion with Bacterially Expressed Recombinant Prion Protein." Fei Wang, et al.; Science, 2010; 327, p. 1132-1135	Lukas Bane	Vlad Denic	Alex Schier
4-Feb-11	Does size matter? And how frogs regulate it	Nuclear Size Is Regulated by Importin a and Ntf2 in Xenopus" Daniel Levy, Rebecca Heald; Cell 2010; 143(2), p. 288-298.	Laila Akhmetova		

Date	Title of Talk	Journal Article	Presenter	Coach #1	Coach #2
28-Jan-11	Vernalization and ncRNAs : how COLDAIR wakes Arabidopsis	RNA. Heo JB, Sung S. Science. 2011 Jan 7;331(6013):76-9. Epub 2010 Dec 2.	Bumjin Namkoong	Vlad Denic	Kirsten Bomblies
28-Jan-11	Games Microorganisms Play	Local dispersal promote biodiversity in a real-life game of rock-paper-scissors, B. Kerr et al., Nature V418, 171 (2002).	David R. Nelson	n/a1	n/a
3-Dec-10	Examining the role of Caspase-3 during Salmonella Infection	Salmonella Pathogenesis and Processing of Secreted Effectors by Caspase-3. *C. V. Srikanth, * Daniel M. Wall, *Ana Maldonado-Contreras, *Hai Ning Shi, *Daoguo Zhou, *Zachary Demma, *Karen L. Mumy, and *Beth A. McCormick. Science 15 October 2010: 330 (6002), 390-393. [DOI:10.1126/science.1194598]	Amanda McFedries	Karine Gibbs	John Dowling
3-Dec-10	Love in the Time of Speciation	Altered Heterochromatin Binding by a Hybrid Sterility Protein in Drosophila Sibling Species Joshua J. Bayes and Harmit S. Malik Science 326:1538-41 (2009)	Eddie Wang	Cassandra Extavour	Susan Mango
19-Nov-10	Selective Rage Against the Transcription Machine	Conrad TM, Frazier M, Joyce AR, Cho BK, Knight EM, Lewis NE, Landick R, Palsson BO. "RNA polymerase mutants found through adaptive evolution reprogram Escherichia coli for optimal growth." PNAS, Early Edition	Sarah Douglas	Nicole Francis	Briana Burton
19-Nov-10		Iliopoulos D, Hirsch H A, Struhn K. (2009) "An epigenetic switch involving NF-kB, Lin28, Let-7 microRNA, and IL6 links inflammation to cell transformation." Cell 139, 693-706.		Rich Losick	Sharad Ramanathan
12-Nov-10	The other end of the microtubule story	Goodwin SS, Vale RD (2010). Patronin regulates the microtubule network by protecting microtubule minus ends. Cell 143:263-74.	Ghazaleh Ashrafi	Daniel Needleman	Andres Leschziner
12-Nov-10	Rocking the asymmetry: an exercise for/in quick thinking	Forrest, L.R., Zhang, Y.W., Jacobs, M.T., Gesmonde, J., Xie, L., Honig, B.H., and Rudnick, G. (2008). Mechanism for alternating access in neurotransmitter transporters. Proc Natl Acad Sci U S A 105, 10338-10343.	Rachelle Gaudet	n/a	n/a
5-Nov-10	Signatures of rapid adaptation in Drosophila	Karasov, T., P. W. Messer, and D. A. Petrov. Evidence that adaptation in Drosophila is not limited by mutation at single sites. PLoS Genetics 6:e1000924 (2010).	Michael Desai	n/a	n/a
5-Nov-10	The Snake's Third Eye	Gracheva, E.O. et al. Molecular basis of infrared detection in snakes. Nature 464(7291), 1006-11 (2010)	Patrick Hsu	Rachelle Gaudet	Susan Mango
29-Oct-10	Staying Alive: Population Dynamics of Antibiotic Resistance	Bacterial charity work leads to population-wide resistance. Lee HH, Molla MN, Cantor CR, Collins JJ. Nature. 2010 Sep 2; 467 (7311): 82-5.	Iris Odstrcil	Christopher Marx	Cassandra Extavour
29-Oct-10	How to Relieve Stress	Korennykh, A.V. et al. The unfolded protein response signals through high-order assembly of Ire1. Nature 457, 687-694 (2009).	Andrew Whynot	David Jeruzalmi	Guido Guidotti
22-Oct-10	Now, Where did I put that rotten banana? A role for RAC in fruit fly forgetfulness	Shuai et al. "Forgetting is regulated through Rac activity in Drosophila." (2008) Cell 157: 579-589.	Nicholas Weir	Sam Kunes	Susan Mango
22-Oct-10	Telomeres? We don't need no stinking badges I mean telomores	Jain et al. HAATI survivors replace canonical telomeres with blocks of generic hetero-chromatin. Nature (2010) vol. 467 (7312) pp. 223-227 http://dx.doi.org/10.1038/nature09374	Jamie Webster	Nicole Francis	Vlad Denic
15-Oct-10	51, The new 42	Nat Biotechnol. 2010 Aug;28(8):817-25. Discovery and characterization of chromatin states for systematic annotation of the human genome. Ernst J, Kellis M.	Guo-Liang Chew	Catherine Dulac	Bill Gelbart
15-Oct-10	Spacing out the Message: mRNA Localization in Bacteria	Montero Llopis, P. et al. Spatial organization of the flow of genetic information in bacteria. Nature 466, 77–81 (2010)	Karine Gibbs	n/a	n/a

Date	Title of Talk	Journal Article	Presenter	Coach #1	Coach #2
8-Oct-10	Was God So Lazy He Designed	Tomer et al, 2010. Profiling by Image Registration Reveals Common	Jonathan Tang	Cassandra	Bill Gelbart
	Our Brains With Worms as	Origin of Annelid Mushroom Bodies and Vertebrate Pallium. Cell 142,		Extavour	
	Template?	800-809		9	
8-Oct-10	Cool Birds	Using temperature to analyse temporal dynamics in the songbird motor	Hannah Shen	Bence Ölveczky	Jeff Lichtman
		pathway Nature 456, 189-194 (2008)			
1-Oct-10	A polar exploration: Evaluating self-	, , , ,	Melis Yilmaz	Nao Uchida	Florian Engert
	generated decisions in frontal pole	generated decisions in frontal pole cortex of monkeys. Nat. Neurosci. Vol			
	cortex of monkeys.	13. Number 1. January 2010.			
1-Oct-10	Flocking: Everyone Does It	Schaller, V., Weber, C., Semmrich, C., Frey, E. and Bausch, A.R. Polar	Howard Berg	n/a	n/a
		patterns of driven filaments. Nature 467,73-77 (2 September 2010).			
04.0 40	The Birth and the Breez Well Late	Date Coal Date A Dalling Coas Coal Mile III and a last Market	IZ I. M. El.	A.I (Al. 1	A . I B A
24-Sep-10	The Birds and the Bees; Well, Just	Pryke, Sarah R., Lee A. Rollins, Simon C. Griffith. "Females Use Multiple		Arkhat Abzhanov	Andrew Murray
	the Birds	Mating and Genetically Loaded Sperm Competition to Target Compatible			
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