

Student Seminar Schedule- 2016 Batch

To be held in the lecture hall from 4 PM (20th & 21st Feb @ 2.30 PM): 30 min for each speaker (20-25 min talk + 5-10 min discussion)

S No	Name	Title of the seminar	Date
1	Ashish Bihani	Mismatch of Synaptic Patterns between Neurons Produced in Regeneration and during Development of the Vertebrate Retina D'Orazi, Florence D. et al. Current Biology , Volume 26 , Issue 17 , 2268 - 2279	13.02.17
	Sachin Singh	Lancaster MA, Renner M, Martin C-A, et al. Cerebral organoids model human brain development and microcephaly. <i>Nature</i> . 2013;501(7467):10.1038/nature 12517. doi:10.1038/nature 12517.	
2	Amrutha HC	UV-B Perceived by the UVR8 Photoreceptor Inhibits Plant Thermomorphogenesis Hayes, Scott et al., Current Biology , Volume 27 , Issue 1 , 120 - 127	14.02.17
	Zeba Rizvi	"Streptomyces exploration is triggered by fungal interactions and volatile signals" by Marie A Elliot et al., 2017.	
3	Sudipta Mondal	"Biophysical comparison of ATP synthesis mechanisms shows a kinetic advantage for the rotary process" Ramu Anandakrishnan et al., PNAS 2016	15.02.17
	Deepak Kumar Kashyap	"Five color variants of bright luminescent protein for real time multi color bio-imaging" by Kazushi Suzuki et al. Nature Communications 7, Article number: 13718 (2016), doi:10.1038/ncomms13718, published on 14 Dec 2016	
4	A S Priti	Nuclear Localization of Mitochondrial TCA Cycle Enzymes as a Critical Step in Mammalian Zygotic Genome Activation", Nagaraj et al., 2017, Cell 168, 210–223, http://dx.doi.org/10.1016/j.cell.2016.12.026 .	16.02.17
	Shemin Mansuri	"Mind the gap: Neural coding of species identity in birdsong prosody, Makoto Araki, M. M. Bandi, Yoko Yazaki-Sugiyama, Science 09 Dec 2016: Vol. 354, Issue 6317, pp. 1282-1287, DOI: 10.1126/science.aah6799"	
5	Raj Bahadur	"Sibling conflict and dishonest signaling in birds" PNAS, Shana M. Caroa , Stuart A. Westa , and Ashleigh S. Griffina, 1 a Department of Zoology, University of Oxford, Oxford OX1 3PS, United Kingdom Edited by Joan E. Strassmann, Washington University in St. Louis, St. Louis, MO, and approved September 23, 2016 (received for review April 22, 2016)	17.02.17
	Gayathri Sreedharan	Humphries et al., 2017, Cell 168, 200–209 January 12, 2017 Elsevier Inc. http://dx.doi.org/10.1016/j.cell.2016.12.014 . 'Species Independent Attraction to Biofilms using Electrical Signalling'	

6	Vishnu Vijay V	Keyes, Brice E., et al. "Impaired Epidermal to Dendritic T Cell Signaling Slows Wound Repair in Aged Skin." <i>Cell</i> 167.5 (2016): 1323-1338.	20.02.17
	Divyaa Gupta	Atilano et al. <i>eLife</i> 2014;3:e02277. DOI: 10.7554/eLife.02277. Bacterial autolysins trim cell surface peptidoglycan to prevent detection by the <i>Drosophila</i> innate immune system.	
7	Gokulan C G	Developmental mechanisms of stripe patterns in rodents. Ricardo Mallarino, Corneliu Henegar, Mercedes Mirasierra, Marie Manceau, Carsten Schradin, Mario Vallejo, Slobodan Beronja, Gregory S. Barsh & Hopi E. Hoekstra. <i>Nature</i> 539, 518–523 (24 November 2016) doi:10.1038/nature20109	21.02.17
	Shambhavi Anupam G	Morbid attraction to leopard urine in <i>Toxoplasma</i> -infected chimpanzees Kappeler et al., <i>Current Biology</i> , Feb 2016 doi: 10.1016/j.cub.2015.12.020	
8	Sneha Paturi	"Reproductive Conflict and the Evolution of Menopause in Killer Whales" Croft et al., 2017, <i>Current Biology</i> 27, 1–7 January 23, 2017 ^a 2016 The Authors. Published by Elsevier Ltd. http://dx.doi.org/10.1016/j.cub.2016.12.015	22.02.17
	Sandeep Shrivastava	How snakes lost their limbs: An evolutionary prospective Progressive Loss of Function in a Limb Enhancer during Snake Evolution; <i>Cell</i> : 2016 Oct 20;167(3):633-642.e11. doi: 10.1016/j.cell.2016.09.028	
9	Chandan Kumar Vishwakarma	PTEN dephosphorylates AKT to prevent the expression of GLUT1 on plasmamembrane and to limit glucose consumption in cancer cells, Suratchanee Phadngam ^{1,*} , Andrea Castiglioni ^{1,*} , Alessandra Ferraresi ¹ , Federica, Morani ¹ , Carlo Follo ¹ , ¹ Ciro Isidoro ¹ .	23.02.17
	Dipak Roy	"Cell Competition Drives the Formation of Metastatic Tumors in a <i>Drosophila</i> Model of Epithelial Tumor Formation" Eichenlaub et al., 2016, <i>Current Biology</i> 26, 419–427 February 22, 2016 ^a 2016 Elsevier Ltd All rights reserved http://dx.doi.org/10.1016/j.cub.2015.12.042	
10	Mihir Trivedi	Brunet, Thibaut, et al. "The evolutionary origin of bilaterian smooth and striated myocytes." <i>eLife</i> 5 (2016): e19607 DOI: 10.7554/eLife.19607.001	24.02.17
	Deepti Rao	Ujvari, Beata, Nicholas R. Casewell, Kartik Sunagar, Kevin Arbuckle, Wolfgang Waster, Nathan Lo, Denis O'Leary, Christa Beckmann, Glenn F. King, Evelyne Deplazes, and Thomas Madsen. "Widespread Convergence in Toxin Resistance by Predictable Molecular Evolution." <i>Proceedings of the National Academy of Sciences</i> 112.38 (2015): 11911-1916. Web.	
11	Ravi Kumar Singh	" Zohar Erez et. al. Communication between viruses guides lysis–lysogeny decisions. <i>Nature</i> (2017).doi:10.1038/nature21049."	27.02.17
	Purnima Saila Sree	Culture of previously uncultured members of the human gut microbiota by culturomics LETTERS, PUBLISHED: 7 NOVEMBER 2016 ARTICLE NUMBER: 16203 DOI: 10.1038/NMICROBIOL.2016.203	
	Vinod Kumar	Clayton, Jonathan B., et al. "Captivity humanizes the primate microbiome." <i>Proceedings of the National Academy of Sciences PNAS</i> (2016): 201521835.	