Physiology & Biophysics Journal Club

2006-2007

November 20, 2006, Julia Manzerova

December 4, 2006, Pia Guinto

January 29, 2007, Michelle Yu
“Powering the planet: Chemical challenges in solar energy utilization,” by N. S. Lewis and D. G. Nocera, Proceedings of the National Academy of Sciences USA, vol. 103, pp. 15729-15735.

February 5, 2007, Eric Hayden

March 12, 2007, Rachel Moore

March 19, 2007, Keng Pineda

March 26, 2007, Suranjana Mukherjee

April 16, 2007, Dongyan Tan

April 23, 2007, Mariam Kabir

May 14, 2007, Dipanwita Batabyal
May 21, 2007, Rishi Parikh

June 4, 2007, Sara Lipkin Quaytman

2007-2008

December 3, 2007, Joseph Sabat

December 17, 2007, Eshwar Udho

February 11, 2008, Ariel Lewis

February 28, 2008, Jesus Jimenez
“Noninvasive tracking of cardiac embryonic stem cells in vivo using magnetic resonance imaging techniques,” by S. N. Ebert et al., Stem Cells, vol. 25, pp. 2936-2944.

March 10, 2008, Joseph Sabat

March 17, 2008, George Han

April 14, 2008, Rishi Parikh

April 28, 2008, Jesus Jimenez
2008-2009

November 17, 2008, George Han
“Misfolded proteins partition between two distinct quality control compartments,” by D.

December 8, 2008, Eshwar Udho
“Apparent directional scanning for DNA repair,” by T. Zhao and A. R. Dinner, Biophysical

January 12, 2009, Nick Fernandez
“Three-dimensional super-resolution imaging by stochastic optical reconstruction microscopy,”

January 26, 2009, Laura Granell-Ortiz
“Inhaled hydrogen sulfide: A rapidly reversible inhibitor of cardiac and metabolic function in

February 9, 2009, Ed Manning
“A novel mutant cardiac troponin C disrupts molecular motions critical for calcium binding
3577-3589.

February 23, 2009, Ariel Lewis
“Structural basis for specific, high-affinity tetracycline binding by an in vitro evolved aptamer
and artificial riboswitch,” by H. Xiao et al., Chemistry & Biology, vol. 15, pp. 1125-1137.

April 27, 2009, Rachel Moore
“Nucleotide-induced flexibility change in neck linkers of dimeric kinesin as detected by distance
386, pp. 626-636.

2009-2010

November 16, 2009, Laura Granell-Ortiz
“Endogenous nitric oxide protects bacteria against a wide spectrum of antibiotics,” by I. Gusarov