

## **2013 Biochemistry & Biophysics Faculty Publications**

### **Ahern, Kevin**

- Ahern K. (2013) [Fatty Acid Metabolism](#). *Biochemistry and Molecular Biology Education.* **41**, 362.
- Ahern K. (2013) [New Serine Protease Song](#). *Biochemistry and Molecular Biology Education.* **41**, 209
- Ahern K, Rajagopal I. (2013) [Kevin and Indira's Guide to Getting Into Medical School](#). *Davinci Press* (2013) ISBN 978-1-300-64751-5.

### **Barbar, Elisar**

- Nyarko A, Song Y, Novácek J, Zídek L, Barbar E.\* (2013) [Multiple Recognition Motifs in Nucleoporin Nup159 Provide a Stable and Rigid Nup159/Dyn2 Assembly](#). *J. Biol. Chem.* **288**, 2614-22.
- Dunker AK, Babu MM, Barbar E, et al. (2013) [What's in a name: Why these proteins are intrinsically disordered? Intrinsically Disordered Proteins](#) **1**, 1-5.
- Kidane AI, Song Y, Nyarko A, Hall J, Hare M, Löhr F, Barbar E.\* (2013) [Structural features of LC8-induced self-association of Swallow](#). *Biochemistry* **5**, 6011-204.
- Barbar E,\* Nyarko A. (2013) [NMR Characterization of Self-Association Domains Promoted by Interactions with LC8 Hub Protein](#). Computational and Structural Biotechnology Journal. *Bio-NMR Special Issue*

### **Frei, Balz**

- Michels, A.J., Hagen, T.M., and Frei, B. (2013) [Human genetic variation influences vitamin C homeostasis by altering vitamin C transport and antioxidant enzyme function](#). *Annu. Rev. Nutr.* **33**, 45-70.
- Rodriguez, K.J., Wong, H.K., Oddos, T., Southall, M., Frei, B. and Kaur, S. (2013) [A purified Feverfew extract protects from oxidative damage by inducing DNA repair in skin cells via a PI3-kinase-dependent Nrf2/ARE pathway](#). *J. Dermatol. Sci.* **72**, 304-310.
- Michels, A.J., and Frei, B. (2013) [Myths, artifacts, and fatal flaws: Identifying limitations and opportunities in vitamin C research](#). *Nutrients* **5**:5161-5192.

### **Freitag, Michael**

- Connolly L R, Smith KM, Freitag, M. (2013) [The Fusarium graminearum Histone H3 K27 Methyltransferase KMT6 Regulates Development and Expression of Secondary Metabolite Gene Clusters](#). *PLOS Genetics* **9**: e1003916. PMCID: in process.
- Studt L, Schmidt FJ, Jahn L, Sieber CM, Connolly LR, Niehaus EM, Freitag M, Humpf HU, Tudzynski B. (2013) [Two histone deacetylases, FfHda1 and FfHda2, are important for](#)

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Mourino-Perez RR, Linacre-Rojas LP, Roman-Gavilanes AI, Lew TK, Callejas-Negrete OA, Roberson RW, Freitag M. (2013) [MTB-3, a Microtubule Plus-End Tracking Protein \(+TIP\) of \*Neurospora crassa\*](#). *PLoS ONE* **8**:e 70655. doi: 10.1371/journal.pone.0070655. PMCID:PMC3741187.

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### **Hagen, Tory M**

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### **Johnson, Colin P**

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### **Merrill, Gary**

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