

The DNA Club – Sit-in visitors and new students are welcome to listen to topics in the Oct-Nov Higgins journal discussion cluster.

Thursday's 2:00 PM – 3:00

MCLM 501

There will be deep background, but visitors should have read (and preferably thought about) the papers before the meeting.

Oct. 14 – Larrea, A. A., S. A. Lujan, S. A. N. McElhinny, P. A. Mieczkowski, M. A. Resnick, D. A. Gordon & T. A. Kunkel, (2010) Genome-wide model for the normal eukaryotic DNA replication fork. *Proc Natl Acad Sci U S A* 107: 17674-17679.

Pat Higgins Presenting

Oct. 21 – Callura, J. M., D. J. Dwyer, F. J. Isaacs, C. R. Cantor & J. J. Collins, (2010) Tracking, tuning, and terminating microbial physiology using synthetic riboregulators. *Proc Natl Acad Sci U S A* 107: 15898-15903.
Nikolay Roviinski Presenting.

Oct. 28 – Shebelut, C. W., J. M. Guberman, S. van Teeffelen, A. A. Yakhnina & Z. Gitai, (2010) Caulobacter chromosome segregation is an ordered multistep process. *Proc Natl Acad Sci U S A* 107: 14194-14198.

Pat Higgins Presenting

Nov. 4 – Krisko, A. & M. Radman, (2010) Protein damage and death by radiation in *Escherichia coli* and *Deinococcus radiodurans*. *Proc Natl Acad Sci U S A* 107: 14373-14377.

Andrews Abgelke Presenting

Nov. 11 - Arold, S. T., P. G. Leonard, G. N. Parkinson & J. E. Ladbury, (2010) H-NS forms a superhelical protein scaffold for DNA condensation. *Proc Natl Acad Sci U S A* 107: 15728-15732.

Olga Chesnokov Presenting

Nov. 18 - Laubingera, S., G. Zellera, S. Henz, S. Buechel, T. Sachsenberga, J.-W. Wang, G. Rättsch & D. Weigel, (2010) Global effects of the small RNA biogenesis machinery on the *Arabidopsis thaliana* transcriptome. *Proc Natl Acad Sci U S A* 107: 17466–17473.

TBA Presenting