

**Selected recent papers on egg activation and related topics:**

- Sartain, C.V., Cui, J., Meisel, R.P. and Wolfner, M.F. (2011) The poly(A) polymerase GLD2 is required for spermatogenesis in *Drosophila melanogaster*. *Development* 138, 1619-29.
- Sackton, K.L., Lopez, J.L., Berman, C.L. and Wolfner, M.F. (2009) The YA gene is needed for proper nuclear organization to transition between meiosis and mitosis in *Drosophila*. *BMC Devel. Biol.* 9, 43.
- Cui, J., Sackton, K.L., Horner, V.L., Kumar, K.E. and Wolfner, M.F. (2008) *Wispy*, the *Drosophila* homolog of GLD-2, is required during oogenesis and egg activation. *Genetics*, 178, 2017-29.
- Horner, V.L. and Wolfner, M.F. (2008) Transitioning from egg to embryo: triggers and mechanisms of egg activation. *Devel. Dyn.*, 237, 527-44.
- Horner, V.L. and Wolfner, M.F. (2008) Mechanical stimulation by osmotic and hydrostatic pressure activates *Drosophila* oocytes in vitro in a calcium-dependent manner. *Devel. Biol.* 316, 100-9.
- Sackton, K.L., Buehner, N. and Wolfner, M.F. (2007) Modulation of MAPK activities during egg activation in *Drosophila*. *FLY* 1, 222-227. 90.
- Horner, V.L., Czank, A., Williams, B.C., Puro, J., Kubli, E., Wolfner, M.F. and Goldberg, M.L. (2006) Calcium regulation by the *Drosophila* calcipressin homolog, *sarah*, is required for several aspects of egg activation. *Current Biology* 16, 1441-6.
- Bloch Qazi M.C., Heifetz Y. & Wolfner, M.F. (2003) The developments between gametogenesis and fertilization: ovulation and female sperm storage in *Drosophila*. *Devel. Bio.* 256, 195-211.
- Heifetz, Y., Yu, J. and Wolfner, M.F. (2001) Ovulation triggers egg activation in *Drosophila*. *Devel. Biol.* 234, 416-424.