

## **Selected publications**

**Direct evidence for coupling between bacterial chemoreceptors.** (2008)

Vaknin, A. & Berg, H. C., *J Mol. Biol.* 382, 573.

**Physical responses of bacterial chemoreceptors.** (2007)

Vaknin, A. & Berg, H. C., *J Mol. Biol.* 366, 1416-1423.

**Osmotic stress mechanically perturbs chemoreceptors in *Escherichia coli*.** (2006)

Vaknin, A. & Berg, H. C., *PNAS* 103, 592.

*Commentary: E. coli squeezed into action. J. Cell Biol.* 172, 327a (2006).

**Single-cell FRET imaging of phosphatase activity in the *Escherichia coli* chemotaxis system.** (2004)

Vaknin, A. & Berg, H. C. *PNAS* 101, 17072-17077.

**Nonequilibrium field effect and memory in the electron glass.** (2002)

Vaknin, A., Ovadyahu, Z. & Pollak, M. *Phys. Rev. B* 65.

**Aging effects in an Anderson insulator.** (2000)

Vaknin, A., Ovadyahu, Z. & Pollak, M. *Phys. Rev. Letters* 84, 3402-3405.

**Evidence for interactions in nonergodic electronic transport.** (1998)

Vaknin, A., Ovadyahu, Z. & Pollak, M. *Phys. Rev. Letters* 81, 669-672.

**High-field magnetoconductance in Anderson insulators.** (1996)

Vaknin, A., Frydman, A., Ovadyahu, Z. & Pollak, M. *Phys. Rev. B* 54, 13604-13610.