

## Publications

### Original articles

**Kirstein J**, Hamoen L & Turgay K

Localization of the proteolytic components in *B. subtilis* in preparation

**Kirstein J**, Dougan DA, Gerth U, Hecker M & Turgay K

The tyrosine kinase McsB is a regulated adaptor protein for ClpCP  
**EMBO J**, Apr 18;26(8):2061-2070.

**Kirstein J**, Schlothauer T, Dougan DA, Lilie H, Tischendorf G, Mogk A, Bukau B, Turgay K.

Adaptor protein controlled oligomerization activates the AAA+ protein ClpC.  
**EMBO J**. 2006 Apr 5;25(7):1481-91.

Andersson FI, Blakytyn R, **Kirstein J**, Turgay K, Bukau B, Mogk A, Clarke AK.

Cyanobacterial ClpC/HSP100 protein displays intrinsic chaperone activity.  
**J Biol Chem**. 2006 Mar 3;281(9):5468-75.

**Kirstein J**, Zuhlke D, Gerth U, Turgay K, Hecker M.

A tyrosine kinase and its activator control the activity of the CtsR heat shock repressor in *B. subtilis*.

**EMBO J**. 2005 Oct 5;24(19):3435-45.

Gerth U, **Kirstein J**, Mostertz J, Waldminghaus T, Miethke M, Kock H, Hecker M.

Fine-tuning in regulation of Clp protein content in *Bacillus subtilis*.  
**J Bacteriol**. 2004 Jan;186(1):179-91.

Rollenhagen C, Antelmann H, **Kirstein J**, Delumeau O, Hecker M, Yudkin MD.

Binding of sigma(A) and sigma(B) to core RNA polymerase after environmental stress in *Bacillus subtilis*.

**J Bacteriol**. 2003 Jan;185(1):35-40.

### Review article

**Kirstein J**, Turgay K.

A new tyrosine phosphorylation mechanism involved in signal transduction in *Bacillus subtilis*.

**J Mol Microbiol Biotechnol**. 2005;9(3-4):182-8. Review.