



Supplementary Fig. S1. Inhibition of reactive oxygen species production during the fertilization of *Bostrychia moritziana* after treatment with 1 μM staurosporine. (A) Light microscopy image of staurosporine-treated spermatium attached to the trichogyne. (B) Fluorescence microscopy image of staurosporine-treated spermatium attached to the trichogyne after DCFH-DA staining. Scale bars represent: A & B, 20 μm .

Supplementary Video S1. Inhibition of the fertilization of *Bostrychia moritziana* after treatment with 1 μM staurosporine. Frame/3 s. Total elapsed time 2 h (<https://www.e-algae.org>).