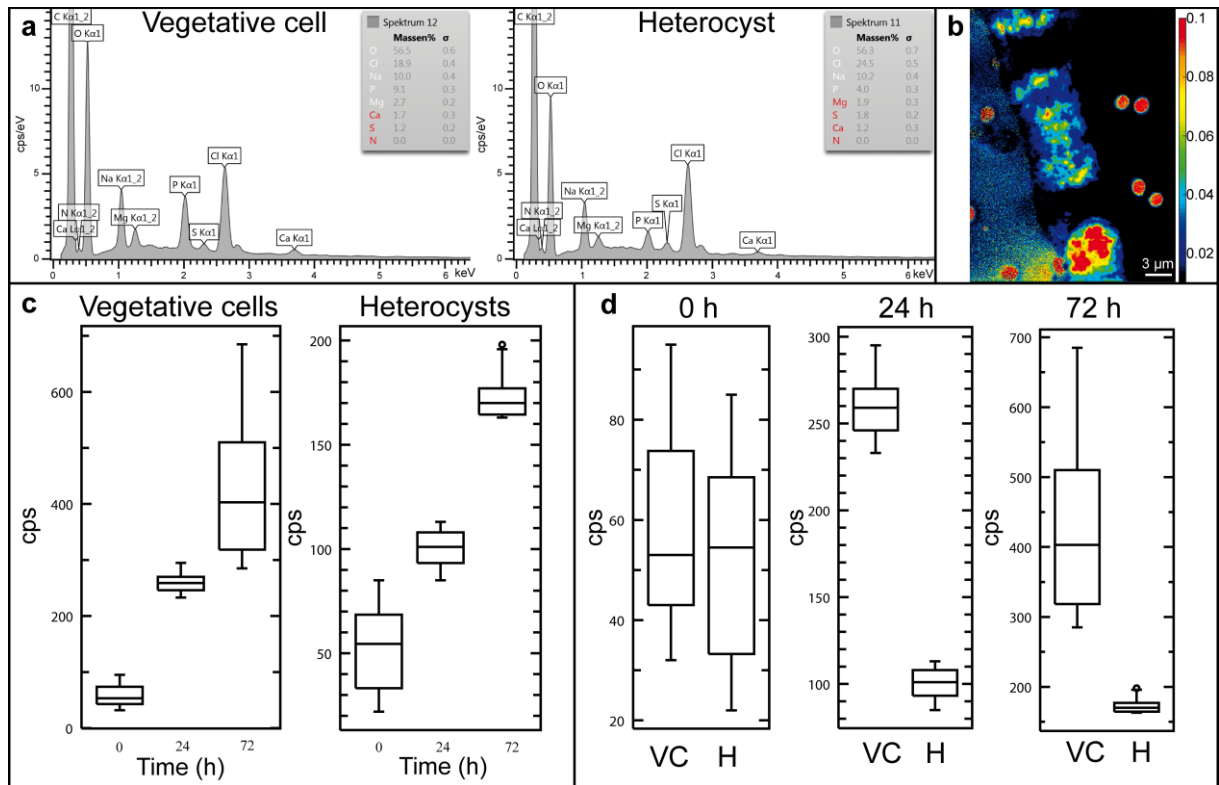


1 **Supplementary information**

2 **Title:** “Differences in the accumulation of phosphorus between vegetative cells and
3 heterocysts in the cyanobacterium *Nodularia spumigena*”

4 **Authors:** Philipp D. Braun, Heide N. Schulz-Vogt, Angela Vogts, Monika Nausch



Supplementary Figure 1. The additional measured parameters of the study are shown as well as the plots from the statistical analyses and a NanoSIMS image. **(a)** Example of SEM/EDX spectra from a measurement in a vegetative cell and in a heterocyst. **(b)** NanoSIMS image of the $^{31}\text{P}/^{12}\text{C}^{14}\text{N}^-$ ratio. **(c)** ANOVA between time points in vegetative cells and heterocysts. **(d)** T-test between vegetative cells (VC) and heterocysts (H) at three incubation periods.

cps = counts s^{-1}