

## Ambush in a petri dish

### New publication by ILRS doctoral research Prasad Aiyar

December 1, 2017



Between the green algae *Chlamydomonas reinhardtii* and the bacteria *Pseudomonas protegens*, deadly fights occur. The chemical mechanisms by which the tiny bacteria kill the much larger algae have now been elucidated by a team of scientists at Friedrich Schiller University, Jena (FSU) and the Leibniz Institute for Natural Product Research and Infection Biology - Hans Knöll Institute (HKI). The study was lead by ILRS faculty member Maria Mittag and ILRS doctoral researcher Prasad Aiyar. Congratulations to all authors on the great work!

You can read the press release by the FSU [here](#).

#### Original publication:

Aiyar P, Schaeme D, García-Altares M, Carrasco Flores D, Dathe H, Hertweck C, Sasso S, Mittag M (2017) Antagonistic bacteria disrupt calcium homeostasis and immobilize algal cells. *Nat Commun* 8(1), 1756.