

Univerza
v Ljubljani

Fakulteta *za kemijo*
in kemijsko tehnologijo

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VABILO NA PREDAVANJE
V OKVIRU DOKTORSKEGA ŠTUDIJA
KEMIJSKE ZNANOSTI / INVITATION TO THE
LECTURE WITHIN DOCTORAL PROGRAMME IN
CHEMICAL SCIENCES

Assoc. Prof. Dr. Hedvig Tamman

*Institute of Molecular and Cell Biology
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z naslovom / title:

**Molecular background of the arms race between
bacteria and phages**

**v sredo, 8. 11. 2023 ob 15. uri /
on Wednesday, 8. 11. 2023 at 15.00**

**v predavalnici 1 v 1. nadstropju Fakultete za kemijo in
kemijsko tehnologijo, Večna pot 113 / in lecture room 1,
1st floor at the Faculty of Chemistry and Chemical
Technology, Večna pot 113**

Vljudno vabljeni! / Kindly invited!

Abstract:

Bacteria live together with their viruses, bacteriophages, thus needing to constantly protect themselves from viral attacks. They have defensive measures to fight against phages in every step of the infection cycle. When all else fails they can utilise abortive infection systems to induce suicide of the infected cell in order to save the population. Phages, in turn, evolve to overcome the bacterial defence systems. This constant tug of war leads to a molecular arms race between the two entities, one of the major driving forces of evolution.