Angelyand Chemiker Angelyand Chemiker Angelyand Chemiker International Edition Algorial of the Gesellschaft Deutscher Chemiker Chemi

www.angewandte.org 2014-53/31 Some metals ...

... such as Ag and Hg are well known to have intrinsic antibacterial properties, but these metals are also toxic. X. Jiang and co-workers report a new class of nontoxic AuPt bimetallic nanoparticles with potent antibacterial properties in their Communication on page 8127 ff. The antibiotic mechanism includes the rupture of the inner bacterial membrane and an increase in intracellular adenosine triphosphate (ATP) levels, but does not involve the generation of reactive oxygen species.

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