



Contact:

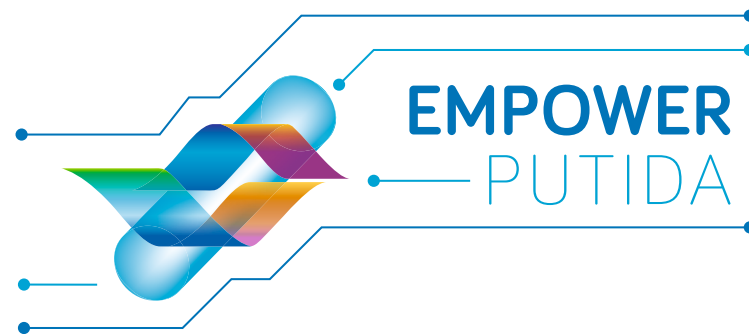
Wageningen University  
Coordination EmPowerPutida

[info@empowerputida.eu](mailto:info@empowerputida.eu)  
[www.empowerputida.eu](http://www.empowerputida.eu)

LifeGlimmer GmbH  
Management and  
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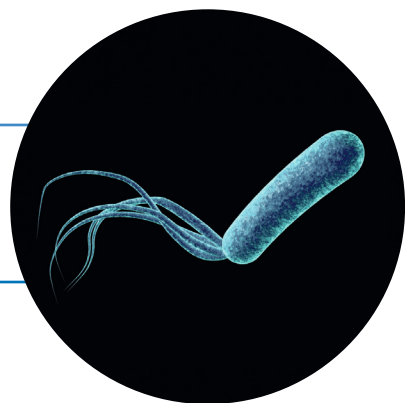


Exploiting native endowments by re-factoring, re-programming and implementing novel control loops in *Pseudomonas putida* for bespoke biocatalysis

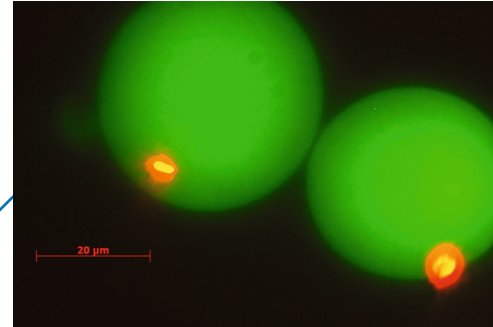
# Synthetic biology and re-programming of bacteria for biotechnology use ...



**EmPowerPutida** answers current market needs by the thorough application of synthetic biology.



To ensure a seamless translation of research results into applications, SOPs and standards will be implemented across the consortium. Intensive interaction with relevant stakeholder groups contributes to the public debate on synthetic biology and maximises the socioeconomic impact of the project.



A multidisciplinary team of 9 academic and industrial partners is cooperating in developing innovative workflows for the tailored engineering of the lifestyles of *Pseudomonas putida*, a bacterium with remarkable metabolic endowment and stress tolerant capabilities that make it superior to potential competitors.

We have the ambition to set *Pseudomonas putida* as a major European platform of choice for industrial, large-scale whole-cell biocatalysis directed at the sustainable biotechnological production of bulk and specialty chemicals.

