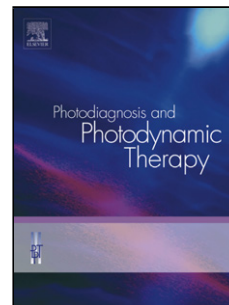


Accepted Manuscript

Title: Silica-based nanoparticles are efficient delivery system for temoporfin

Authors: Brezániová Ingrid, Záruba Kamil, Králová Jarmila, Sinica Alla, Adámková Hana, Ulbrich Pavel, Poučková Pavla, Hrubý Martin, Štěpánek Petr, Král Vladimír



PII: S1572-1000(17)30475-1
DOI: <https://doi.org/10.1016/j.pdpdt.2017.12.014>
Reference: PDPDT 1089

To appear in: *Photodiagnosis and Photodynamic Therapy*

Received date: 12-10-2017
Revised date: 15-12-2017
Accepted date: 26-12-2017

Please cite this article as: Ingrid Brezániová, Kamil Záruba, Jarmila Králová, Alla Sinica, Hana Adámková, Pavel Ulbrich, Pavla Poučková, Martin Hrubý, Petr Štěpánek, Vladimír Král. Silica-based nanoparticles are efficient delivery system for temoporfin. *Photodiagnosis and Photodynamic Therapy* <https://doi.org/10.1016/j.pdpdt.2017.12.014>

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REVISED (changes highlighted)**Silica-based nanoparticles are efficient delivery system for temoporfin**

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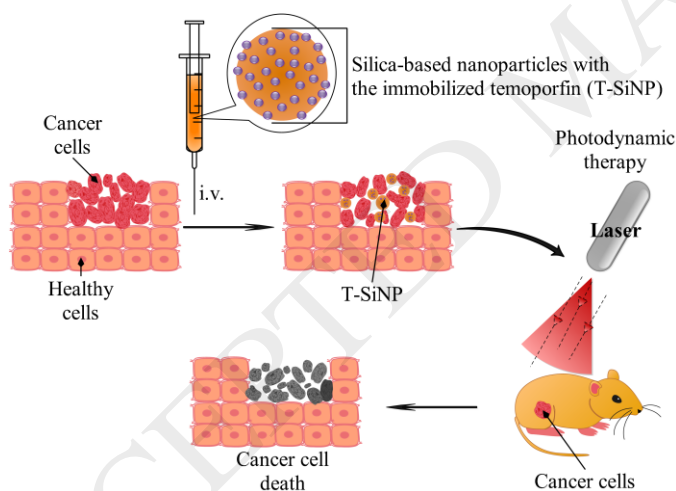
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Graphical abstract**Highlights**

- Efficacy of silica nanoparticles modified with temoporfin in anticancer PDT proved.
- Ability to pass through the blood-brain barrier.
- Efficient intracellular delivery was demonstrated both *in vitro* and *in vivo*.

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