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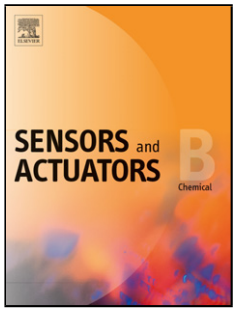

Title: Different action of nanoencapsulated meso-tetraphenylporphyrin in breast spheroid co-culture and mono-culture under microfluidic conditions

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Different action of nanoencapsulated meso-tetraphenylporphyrin in breast spheroid co-culture and mono-culture under microfluidic conditions

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Highlights

- A new microfluidic breast co-culture model based on spheroids.
- Spheroid co-culture composed of flesh (cancer MCF-7 cells) and stromal layers (non-malignant HMF cells).
- Breast spheroid co-culture are more resistance to the action of nanoencapsulated meso-tetraphenylporphyrin.
- Different action of photodynamic therapy in breast spheroid mono- and co-cultures.

Abstract

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