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In silico experiments as a tool to reduce preclinical tests of magnetic hyperthermia

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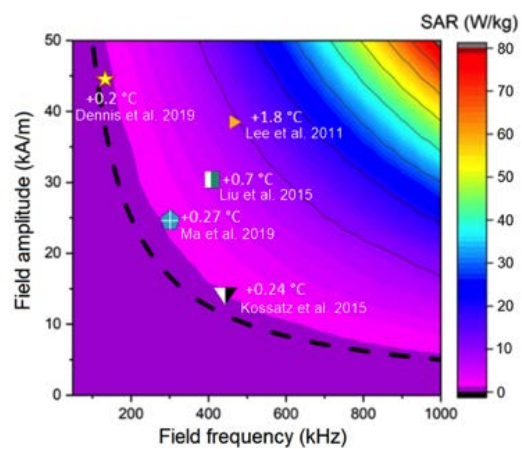


Figure 1. Whole-body SAR deposited in a 28 g mouse, as a function of the frequency and amplitude of the field (applied parallel to the body longitudinal axis). The maximum temperature increase is calculated for field parameters of pre-clinical studies (markers) exceeding Hertz-Dutz limit (dotted line).

