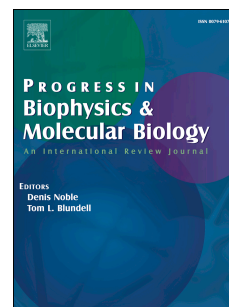


# Accepted Manuscript

Physics responsible for heating efficiency and self-controlled temperature rise of magnetic nanoparticles in magnetic hyperthermia therapy

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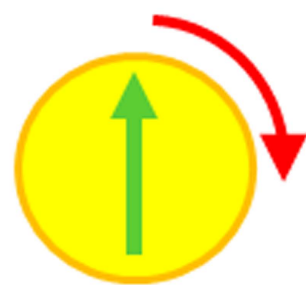
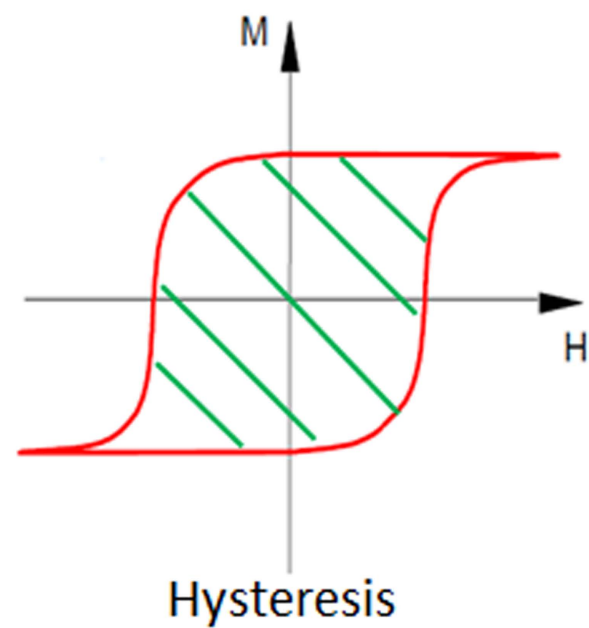
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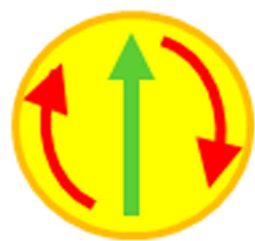
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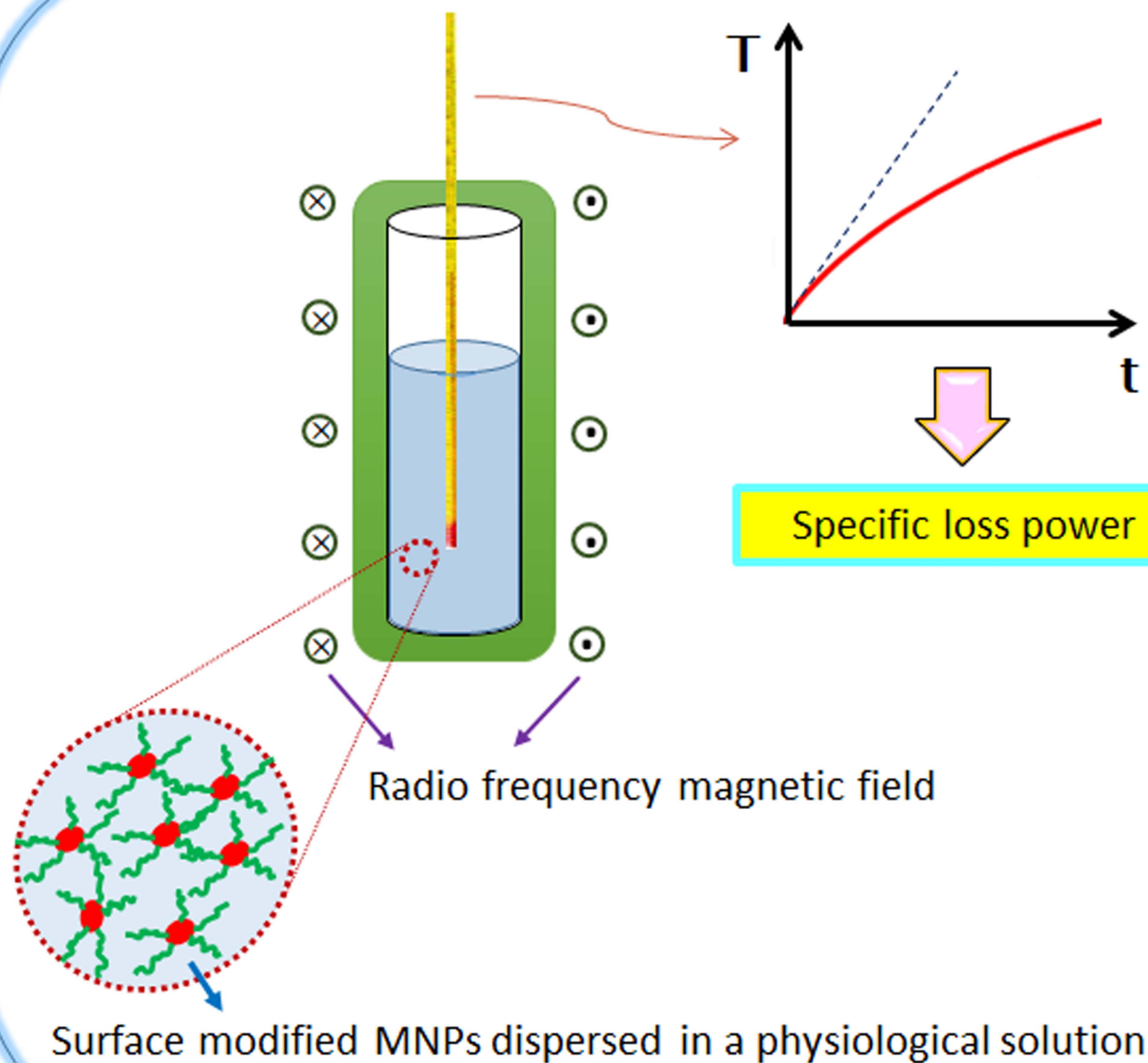
# Heat generation mechanisms



Brown relaxation



Neel relaxation



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