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Kluin, Otto Samuel

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Antibiotic-loaded poly(trimethylene carbonate) degradation, release and staphylococcal biofilm inhibition

Otto Samuel Kluin

Antibiotic-loaded poly(trimethylene carbonate) degradation, release and staphylococcal biofilm inhibition

By Otto Samuel Kluin



University Medical Center Groningen, University of Groningen
Groningen, The Netherlands

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Promotores

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Opgedragen aan mijn lieve, eigenwijze, charmante vader

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List of abbreviations

CFU	Colony forming units
CLSM	Confocal laser scanning microscopy
MBC	Minimum bactericidal concentration
MIC	Minimum inhibitory concentrations
M_n	Number average molecular weight
MRSA	Methicillin-resistant <i>Staphylococcus aureus</i>
MRSE	Methicillin-resistant <i>Staphylococcus epidermidis</i>
MTT	(3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
M_w	Weight average molecular weight
PBS	Phosphate buffered saline
PDLLA	Poly-DL-lactide
PLA	Polylactic acid
PLGA	Polylactic-co-glycolic acid
PGA	Polyglycolic acid
PMMA	Polymethylmethacrylate
PTMC	Poly(trimethylene carbonate)
SCV	Small-colony variants
SEM	Scanning electron microscopy
THF	Tetrahydrofuran
TSB	Tryptone soya broth

