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The susceptibility of trichophyton rubrum to photodynamic treatment

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The susceptibility of *Trichophyton rubrum* to photodynamic treatment

Threes Smijs

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The susceptibility of *Trichophyton rubrum* to photodynamic treatment

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*Une idée que j'ai, il faut que je la nie:
c'est ma manière de l'essayer*
(Histoire de mes pensées, Émile Augiste Chartier, 1868-1951)

A mon père inconnu, peu m'importe la personne qu'il soit et où il se trouve

ABBREVIATIONS

ALA	5-aminolevulinic acid
AB	Alcian blue
AlPcS ₄	Aluminium (III) phthalocyanine chloride tetrasulfonate
CBS	Centraalbureau voor Schimmelcultures
CFU	Colony forming units
DIC	Differential interference contrast
DP	Deuteroporphyrin
DP mme	Deuteroporphyrin monomethylester
DMEM	Dulbecco's Modified Eagle Medium
DMF	Dimethylformamide
FCS	Fetal Calf Serum
Hp	Hematoporphyrin
HpD	Hematoporphyrin derivative
MEA	Malt Extract Agar
LOH	Loss of heterozygosity
MB	Methylene blue
MIC	Minimum inhibitory concentration
MRSA	Methicillin-resitant <i>S. aureus</i>
¹ O ₂	Singlet oxygen
O ₂ ⁻	Superoxide anion radical
PcS ₄	Phthalocyanine tetrasulfonate
PDT	Photodynamic treatment
PMSF	Phenylmethysulphonylfluoride
Pp	Protoporphyrin
QDD	Quinolino-[4,5,6,7-efg]-7-demethyl-8-deethylmesoporphyrin dimethylester
ROS	Reactive oxygen species
SC	Stratum corneum
SD	Standard deviation
SEM	Standard error of mean
SMART	Somatic Mutation and Recombination Test
<i>Sb</i>	<i>Stubble</i>
TB	Toluidine blue
Tris	Tris(hydroxymethyl)aminomethane
ZnPc	Zinc phthalocyanine

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