# TEM1657 is a new small molecule for the topical and oral treatment of psoriasis



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Temisis is a therapeutic company focusing on the development of small-molecule assets for the treatment of unmet needs in dermatology. Its main asset, TEM1657, shows similar efficacy as market reference corticosteroids to remove psoriasis symptoms at pre-clinical stage, but with no observed side-effects

Rapid efficacy Symptoms are significantly reduced after the first application of TEM1657 at 0.2%

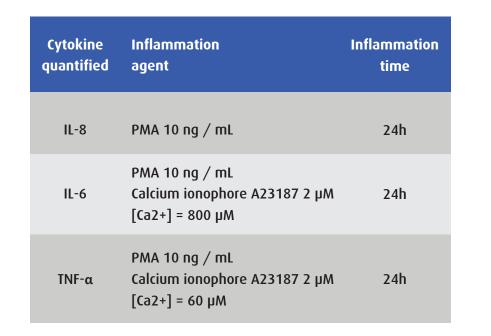
Complete remission of psoriasis symptoms No erythema - Regulated desquamation - Normal skin thickness

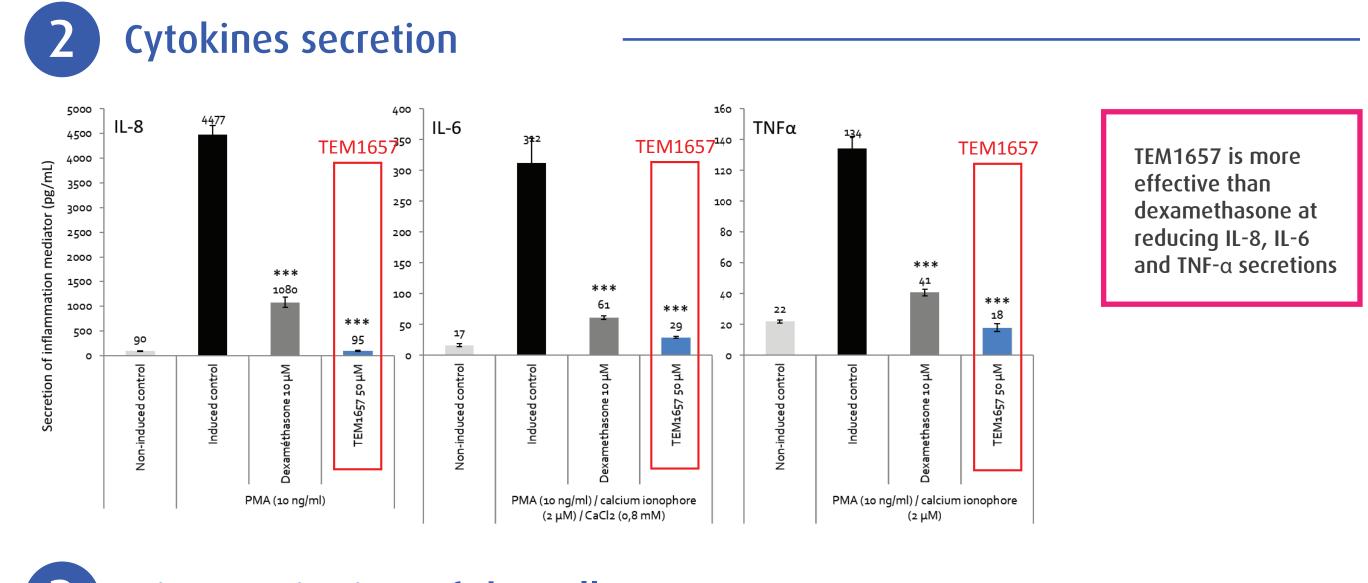
No side effect No skin thinning (unlike corticosteroids), no observed side effect on animals in toxicity tests

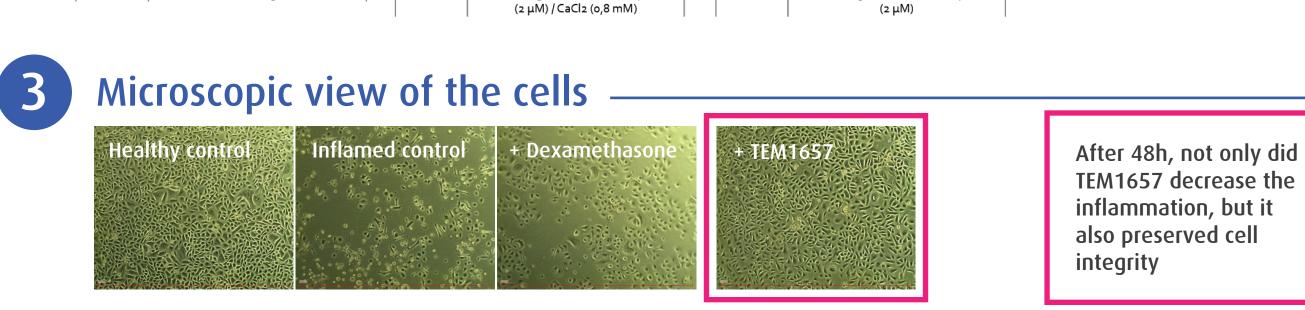
### In vitro efficacy profile

TEM1657 greatly reduces cytokines secretion in PMA-inflamed skin cells

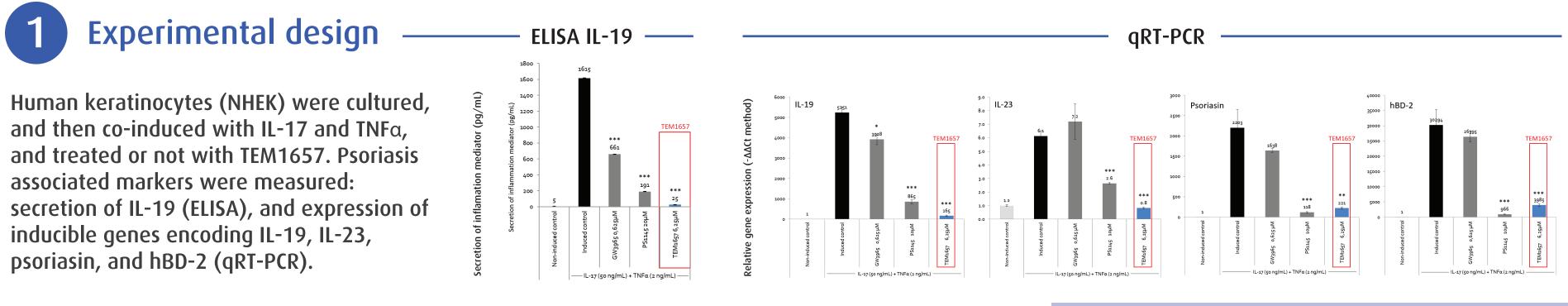
Experimental design Human keratinocytes (NHEK) were cultured, placed in contact with TEM1657, and 2h later, inflamed in different conditions (see table below) for the measurement of cytokines.



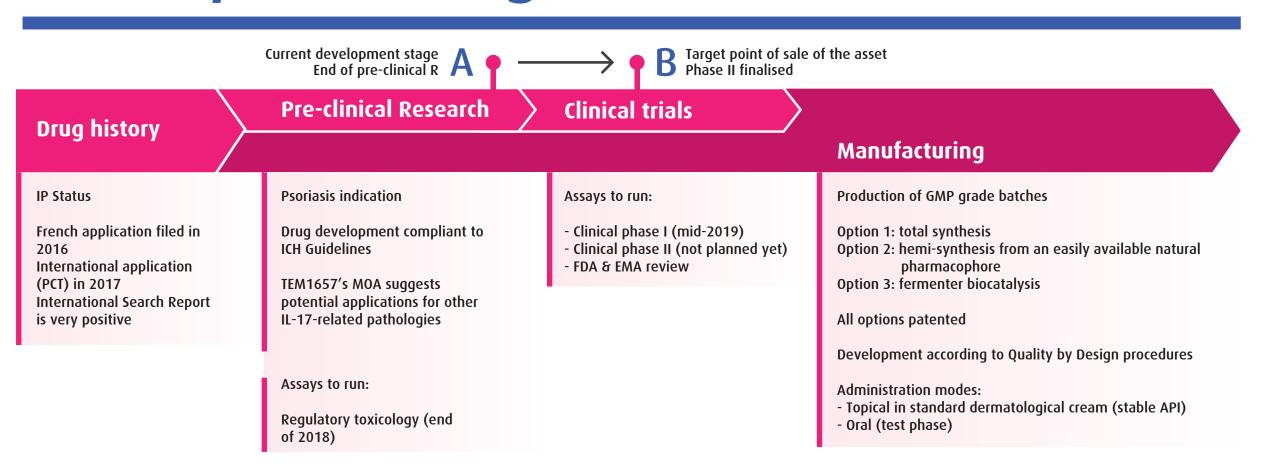


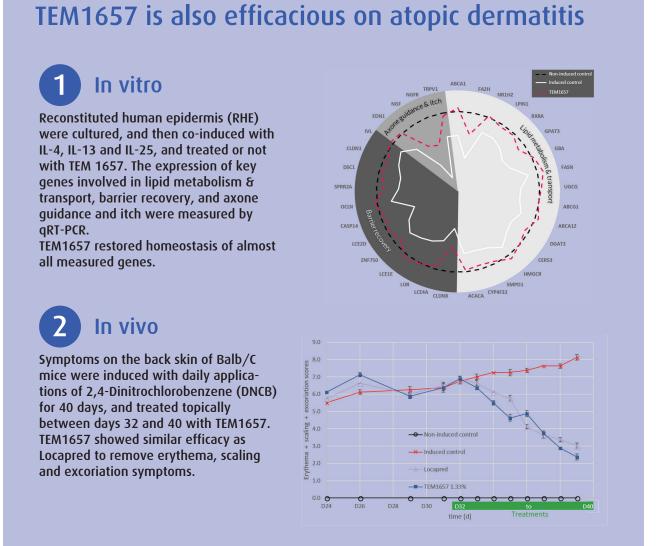


### TEM1657 reduces inflammation in IL-17-induced keratinocytes



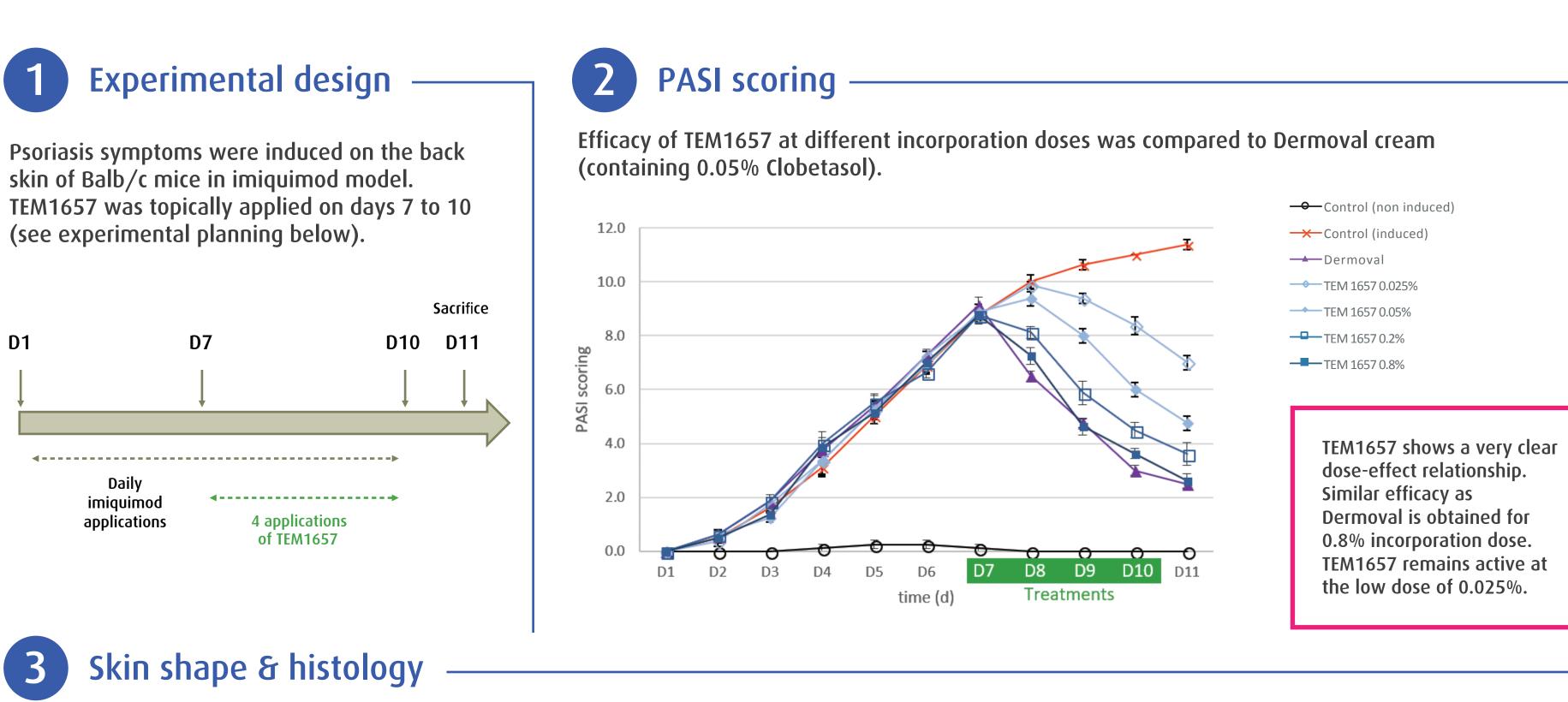
### Development stage

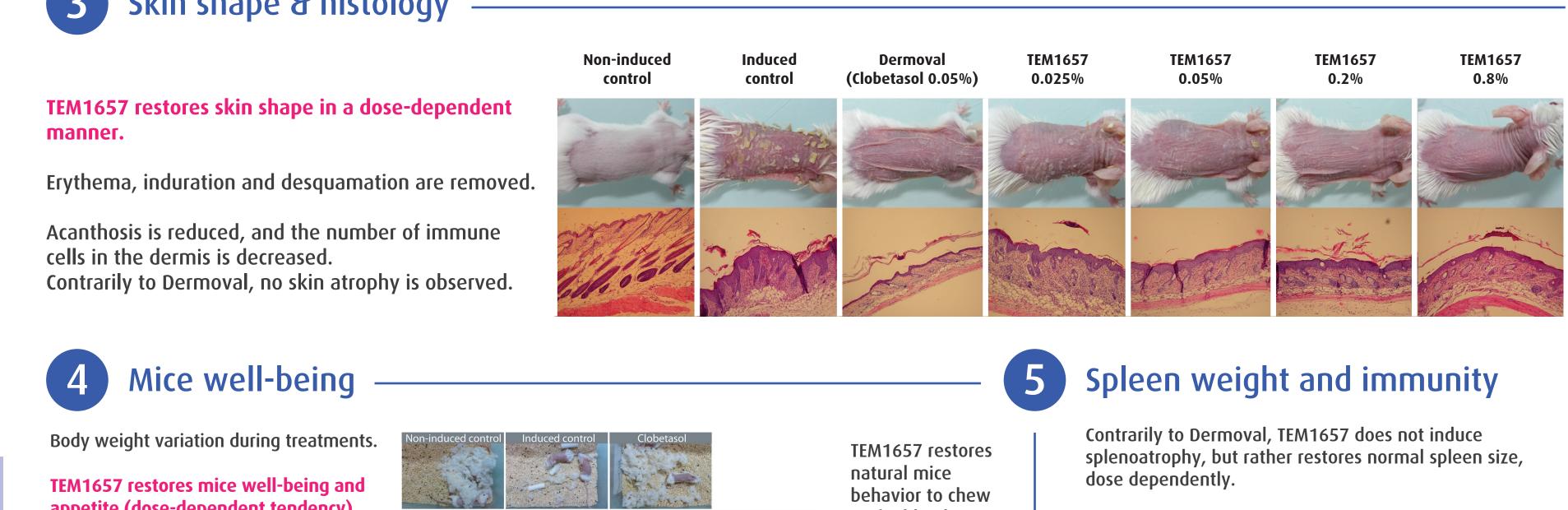


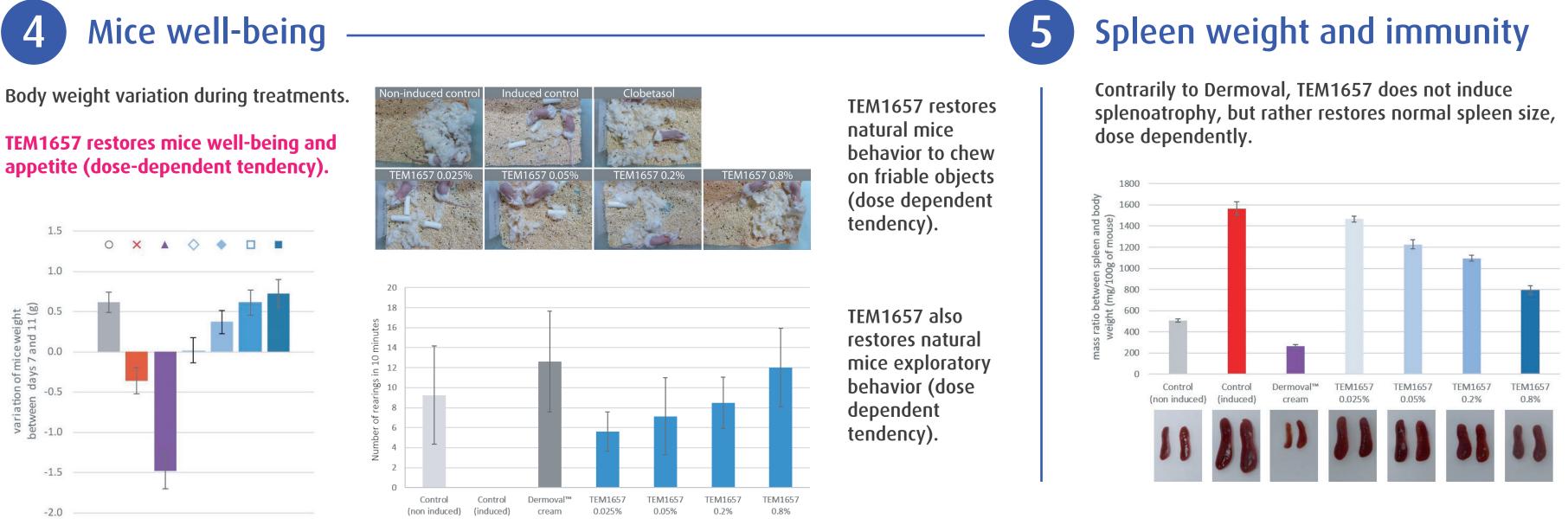


## In vivo efficacy profile

Topical applications of TEM1657 cure psoriasis in Balb/c mice







Acknoledgements Aline Chrétien stratiel Jean-François Bisson ETPP Carsten Börger PharmBioTeg