Electronic Supplementary Material (ESI) for Photochemical & Photobiological Sciences.

Supplementary Table 1

Impact of Infrared Radiation on UVB-induced Skin Tumourigenesis in Wild Type C57BL/6 Mice

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Supplementary Table 1: Criteria for assessment of physical and mental health of C57BL/6 N mice.

Observation	Point rationing scheme
I Spontaneous behaviour	
Normal behaviour (sleeping, reaction to stimuli, curiousness, social contacts)	0
Unusual behaviour, limited movement or hyperkinetic behaviour	5
Self-isolation, pronounced hyperkinetic behaviour or behavioural stereotypes; loss of fear of contact by humans, non-stopping cleaning; ataxia	10
Self-amputation, lethargy	20
II Clinical evidence	
Respiration, pulse and skin elasticity without pathological findings	0
Respiration and pulse obviously enhanced/impaired; wound up abdomen, dehydration (skin elasticity is lost)	10
III Skin lesions	
Normal skin	0
Erythema, hairless spots	5
Erosion, flat ulcers > cm² or ulcers reaching beyond the dermis > 1 cm²	10
Erosion, flat ulcers > 2 cm² or ulcers reaching beyond the dermis > 1 cm² persisting for at least eight days	20
Rating and measures	
Rating 0 = no stress	0
Rating 1 = intermediate stress, if necessary veterinarian's advice	5-15
Rating 2 = high stress, preliminary determination of the experiments (sacrifice of the animal using cervical dislocation)	20 or higher