

CORRECTION

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Correction: A library of action spectra for erythema and pigmentation

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Correction for 'A library of action spectra for erythema and pigmentation' by Alois W. Schmalwieser *et al.*, *Photochem. Photobiol. Sci.*, 2012, **11**, 251–268, DOI: 10.1039/c1pp05271c.

This article contains offensive and inappropriate language. The authors, The Royal Society of Chemistry and the Owner Societies do not in any way endorse or condone the use of discriminatory or offensive language. The Royal Society of Chemistry apologises that this terminology was not recognised and removed prior to publication. Since the publication of this article, our policies and processes have been significantly strengthened to ensure that discriminatory and offensive language is not included in our publications.

The authors emphasise that the two instances are both marked with clear citations to the original article and the text passages are cited exactly as in the original 1962 article.

This Correction removes offensive and inappropriate language in Table 10 and in the paragraph in the right hand column at the bottom of p. 265. An updated Table 10 and text is as displayed below.

The text at the bottom of p. 265 in the right hand column has been corrected to:

Pathak *et al.*⁹⁰ investigated immediate pigment darkening (IPD) in 7 individuals with pigmented skin on the inner aspect of the forearm.

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Table 10 AS for human pigmentation (including number of subjects, skin type, body part, time of observation, age, gender etc. if available)

Wavelength λ /nm	Henschke, Schulze (1939) $s(\lambda)$	Luckiesh, Taylor (1939) $s(\lambda)$	Pathak <i>et al.</i> (1962) $s(\lambda)$	Parrish <i>et al.</i> (1982) $s(\lambda)$	Gange <i>et al.</i> (1986) $s(\lambda)$	Gange <i>et al.</i> (1986) $s(\lambda)$	Gange <i>et al.</i> (1986) $s(\lambda)$
250	—	0.688	—	0.392	—	—	—
260	—	0.500	—	—	—	—	—
265	—	—	—	0.340	—	—	—
270	—	0.156	—	—	—	—	—
275	—	—	—	0.335	—	—	—
280	—	0.0703	—	—	—	—	—
282	—	—	—	0.322	—	—	—
290	—	0.328	—	0.867	—	—	—
296	—	—	—	0.000104	—	—	—
297	—	1.000	—	—	—	—	—
300	0.00	0.937	—	1.00	—	—	—
304	—	—	—	0.716	—	—	—
310	0.50	0.203	—	—	—	—	—
313	—	—	—	0.0410	—	—	—
317	—	0.0313	—	—	—	—	—
320	0.875	—	0.245	—	—	—	—
330	0.964	—	—	—	—	—	—
334	—	—	—	0.0188	1.00	1.00	1.00
340	1.000	—	0.509	—	—	—	—
350	0.964	—	—	—	—	—	—
360	0.857	—	0.743	—	—	—	—
365	—	—	—	0.000750	0.323	0.331	0.324
370	0.714	—	—	—	—	—	—
380	0.536	—	1.000	0.000224	0.463	0.353	0.398
390	0.357	—	—	—	—	—	—
400	0.214	—	1.000	—	—	—	—
404	—	—	—	0.000178	—	—	—
410	0.107	—	—	—	—	—	—
420	0.0714	—	1.000	—	—	—	—
430	0.00	—	—	—	—	—	—
435	—	—	—	0.000159	—	—	—
440	0.00	—	1.00	—	—	—	—
460	—	—	1.00	—	—	—	—
480	—	—	1.00	—	—	—	—
500	—	—	1.00	—	—	—	—
520	—	—	0.830	—	—	—	—
540	—	—	0.830	—	—	—	—
560	—	—	0.755	—	—	—	—
580	—	—	0.755	—	—	—	—
600	—	—	0.491	—	—	—	—
620	—	—	0.245	—	—	—	—
640	—	—	0.151	—	—	—	—
Source	Graph	Graph	Graph	Table	Table	Table	Table
Light source	700 W high pressure	s-4 artificial sunlamp	2 kW Xe arc lamp	5 kW Xe-Hg arc lamp	5 kW Xe-Hg arc lamp	5 kW Xe-Hg arc lamp	5 kW Xe-Hg arc lamp
Monochromator	Yes	Filter	Diffraction grating	Jobin Yvon HL300	Jobin Yvon HL300	Jobin Yvon HL301	Jobin Yvon HL302
Bandwidth [nm]	—	—	7.5–10	6–20	6–20	6–20	6–20
MRD (1) [J m ⁻²]	—	—	—	476	150 000	132 000	142 000
Time till measurement [h]	—	—	Immediately, after 5, 30 min, 1, 2, 18, 24, 48, 72 h and 10, 30, 60 days	7–14 days	Immediately	8	24
Subjects	—	—	14 fair-skinned caucasians, 7 individuals with pigmented skin	17 caucasians (13 f/4 m)	12 (ST 3 + 4)	12 (ST 3 + 4)	12 (ST 3 + 4)
Test site	—	—	Inner forearm	—	Upper and mid back	Upper and mid back	Upper and mid back

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

