

Corrigenda to the IARC Monographs – Volume 113								
Monograph	Section	Table/Figure	Page	Details of Corrigendum	Monograph first posted online	Correction made to online version?	Correction made in printed version?	
2,4-D	4.1.1	Text	68	The following sentence was corrected as follows: “One study using human CYP3A4 CYP3A4 expressed in yeast reported metabolism of 2,4-D to 2,4- dichlorophenol dichlorophenol (2,4-DCP)...”	25 July 2016	Yes, 14 September 2016	Yes	
2,4-D	4.2.1	Text	75	The following sentence was corrected as follows: In Chinese hamster V79 cells, 2,4-D was mutagenic in the hypoxanthine-guanine phosphoribosyl transferase (HGPRT HGPRT) assay (Pavlica et al., 1991). In Chinese hamster ovary (CHO) cells, no mutagenic effect was reported in the HGPRT HGPRT assay after exposure to 2,4-D salts and esters in the presence or absence of metabolic activation (Gollapudi et al., 1999).	25 July 2016	Yes, 14 September 2016	Yes	
2,4-D	4.1.3	Text	70	A new section header was added above “4.2 Mechanisms of carcinogenesis”: 4.1.3 Modulation of metabolic enzymes	25 July 2016	Yes, 14 September 2016	Yes	

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2,4-D	4.1.3	Text	70	<p>The following text was moved from page 68 to page 70, below “4.1.3 Modulation of metabolic enzymes”, with an addition to the first sentence:</p> <p>“No data on modulation of metabolic enzymes in humans were available to the Working Group. At the median lethal dose (LD50, 375 mg/kg), a single gavage dose of 2,4-D induced cytochrome P450 (CYP1A1, CYP1A2, and CYP1B1) mRNAs in the mammary gland, liver, and kidney of female Sprague-Dawley rats (Badawi et al., 2000).</p> <p>In mouse liver, dietary exposure to 2,4-D at a concentration of 0.125% (w/w) induced total cytochrome oxidase activity and the activities of cytosolic and microsomal epoxide hydro- lases (Lundgren et al., 1987). A less pronounced increase in total cytosolic glutathione transferase activity was observed. Total protein levels of CYP450 and cytosolic epoxide hydrolase were induced [probably due to induction of CYP4A mediated by peroxisome proliferator-activated receptor (PPAR).]”</p>	25 July 2016	Yes, 14 September 2016	Yes
2,4-D	4.2.1	Text	75	The header “(c) Experimental systems” was corrected to “ (b) Experimental systems”.	25 July 2016	Yes, 14 September 2016	Yes