



Correction: Estrogenic, androgenic, and genotoxic activities of zearalenone and deoxynivalenol in in vitro bioassays including exogenous metabolic activation

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Correction to: Mycotoxin Research

<https://doi.org/10.1007/s12550-024-00529-2>

In Tables 2 and 3 of this article, the data “LOD” are missing in multiple occurrences. Given below are the corrected tables.

The original article can be found online at <https://doi.org/10.1007/s12550-024-00529-2>.

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Table 2 Summary of effect concentrations (EC₁₀ for receptor agonism and IC₃₀ for receptor antagonism) of the ZEN compounds in the ER and AR assays without and in the presence of an exogenous MAS. 95% confidence intervals [lower limit or LL, upper limit or UL] of the EC₁₀/IC₃₀ values are presented in brackets below each value

Test Compound	MAS	ER agonism EC ₁₀ (pM)	ER antagonism IC ₃₀ (pM)	AR agonism EC ₁₀ (pM)	AR antagonism IC ₃₀ (pM)	ER agonism IC ₃₀ (pM)	AR agonism EC ₁₀ (pM)	AR antagonism IC ₃₀ (pM)
S9	-	+	+	+	+	+	+	+
	+PHI	-	+	+	+	+	+	+
	+PHII	-	+	+	+	+	+	+
ZEN	46.5	63.3	984	6 472	2.92	3.41	10.3	16.2
	[29.5,72.4]	[56.2,97.2]	[740,1 279]	[4 121,9 506]	[2.09,3.89]	[2.40,4.68]	[8.71,11.8]	[6.76,16.2]
	3.70	4.24	49.3	155.1	1.03	1.75	2.42	5.10
α -ZEL	3.70	4.24	49.3	155.1	1.03	1.75	2.42	5.10
	[2.51,5.37]	[2.82,6.31]	[30.2,75.9]	[93.3,245.4]	[0.33,1.78]	[0.69,3.02]	[1.35,3.63]	[2.88,8.13]

Table 3 Summary of effect concentrations (EC₁₀ for receptor agonism and IC₃₀ for receptor antagonism) of the DON compounds in the ER and AR assays without and in the presence of exogenous MAS. 95% confidence intervals [LL, UL] of the EC₁₀/IC₃₀ values are presented in brackets below each value

Test Compound	MAS	ER agonism EC ₁₀ (pM)	ER antagonism IC ₃₀ (pM)	AR agonism EC ₁₀ (pM)	AR antagonism IC ₃₀ (pM)	ER agonism IC ₃₀ (pM)	AR agonism EC ₁₀ (pM)	AR antagonism IC ₃₀ (pM)
S9	-	+	+	+	+	+	+	+
	+PHI	-	+	+	+	+	+	+
	+PHII	-	+	+	+	+	+	+
DON	<LOD	<LOD	<LOD	0.81	0.75	0.37	0.25	0.84
				[0.69,1.00]	[0.54,1.05]	[0.25,0.58]	[0.18,0.38]	[0.72,0.98]
	0.45	0.53	<LOD	<LOD	<LOD	<LOD	1.11	1.07
3-Ac-DON	0.45	0.53	<LOD	<LOD	<LOD	<LOD	1.11	1.07
	[0.41,0.49]	[0.49,0.59]	<LOD	<LOD	<LOD	<LOD	[0.95,1.26]	[0.91,1.23]
	<LOD	<LOD	<LOD	1.09	1.11	0.48	0.81	0.70
15-Ac-DON	<LOD	<LOD	<LOD	1.09	1.11	0.48	0.81	0.70
				[0.98, 1.20]	[0.81,1.38]	[0.30,0.72]	[0.18,0.32]	[0.62,0.76]

The original article has been corrected.

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