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Corrigendum: Navigating the fungal battlefield: cysteine-rich antifungal proteins and peptides from Eurotiales

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KEYWORDS

antifungal proteins and peptides, fungal pathogens, fungal infection, antifungal resistance, structure-function relation, antifungal mode of action

A Corrigendum on

Navigating the fungal battlefield: cysteine-rich antifungal proteins and peptides from Eurotiales

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In the published article, there were few errors in Table 1 as published. The heading "pI at pH 7" is wrong. The correct heading is "pI". The heading "Lys/His/Arg" is wrong. The correct heading is "Lys/Arg/His". Aspergillus giganteus was listed with the strain identification number "MDH18894". Aspergillus giganteus should be listed without strain identification number. The numbers 4/1/4 for Lys/Arg/His of BP from Penicillium brevicompactum is wrong. The correct numbers are 4/4/1. The MW 8.1 indicated for PeAfpC from Penicillium expansum is wrong. The correct MW is 6.7. Table 1 appears below.

The authors apologize for this errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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TABLE 1 A selection of representative AFPs from Eurotiales and their physicochemical properties⁶.

clade*	AFP	producing organism	no aa/MW ^{\$}	pl	Lys/Arg/His	reference
AFP	AgAFP	Aspergillus giganteus	51/5.8	9.3	12/1/0	Wnendt et al. (1994)
BP	BP	Penicillium brevicompactum	64/6.6	7.7	4/4/1	Seibold et al. (2011)
BP	PAFC	Penicillium chrysogenum	64/6.6	7.7	2/6/1	Holzknecht et al. (2020)
BP	PeAfpC	Penicillium expansum	64/6.7	6.9	3/5/1	Garrigues et al. (2018)
NFAP2	NFAP2	Neosartorya fischeri	52/5.6	9.0	7/0/2	Tóth et al. (2016)
PAF	AnAfp	Aspergillus niger	58/6.5	6.6	5/2/6	Lee et al. (1999)
PAF	NFAP	Neosartorya fischeri	57/6.6	8.9	11/2/1	Kovács et al. (2011)
PAF	PAF	Penicillium chrysogenum	55/6.3	8.9	13/0/0	Marx et al. (1995)
PAF	PAFB	Penicillium chrysogenum	58/6.5	8.8	8/2/6	Huber et al. (2018)
PAF	PeAfpA	Penicillium expansum	57/6.6	9.5	12/3/0	Garrigues et al. (2018)
PAF	PeAfpA	Penicillium expansum	58/6.6	8.3	9/2/6	Garrigues et al. (2018)
PAF	PeAfpA	Penicillium digitatum	58/6.6	9.1	5/5/5	Garrigues et al. (2017a, 2017b)

⁸Physicochemical properties were calculated by protparam (www.protparam.org). *AFPs are listed according to their classification by clades which are defined based on the phylogenetic tree described in Sonderegger et al. (2018). *Molecular weight of the mature protein is given in kDa.