Corrigendum to “Overcoming the challenges of phage therapy for industrial aquaculture: A review”

[Aquaculture 513 (2019) 734423]

Antoine Culot, N. Grosset, Michel Gautier

► To cite this version:

Antoine Culot, N. Grosset, Michel Gautier. Corrigendum to “Overcoming the challenges of phage therapy for industrial aquaculture: A review” [Aquaculture 513 (2019) 734423]. Aquaculture, In press, 513, pp.734423. 10.1016/j.aquaculture.2019.734851 . hal-03131660

HAL Id: hal-03131660

<https://hal.inrae.fr/hal-03131660>

Submitted on 4 Feb 2021

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Distributed under a Creative Commons Attribution - NonCommercial - NoDerivatives| 4.0 International License

Corrigendum

Corrigendum to “Overcoming the challenges of phage therapy for industrial aquaculture: A review” [Aquaculture 513 (2019) 734423]

A. Culot*, N. Grosset, M. Gautier

Microbiology Laboratory, Agrocampus Ouest, Institut National de la Recherche Agronomique (INRA), UMR 1253 Science and Technology of Milk and Eggs (STLO), Rennes, France

The authors regret the following errors, which appeared in the article during the review process:

On page 9, Section 4.1.1 “Ecological significance of marine bacteriophages”, the correct figure for the average concentration in surface coastal waters is 10^7 phage-like particles per millilitre, and not 107.

On page 10, the correct version of Table 1 is as follows (the “Performance” column is the only one that contained errors):

Table 1: Examples of phage administration approaches considered for aquaculture.

The authors would like to apologise for any inconvenience caused.

Pathogen	Farmed species	MOI	Challenge	Phages used	Performance	Administration	Reference
<i>Aeromonas salmonicida</i>	<i>Solea senegalensis</i>	100	Immersion	AS-A	Mortality drop from 36% to 0%	Immersion	Silva et al (2016a).
<i>Lactococcus garvieae</i>	<i>Seriola quinqueradiata</i>	0,1	Injection	PlgY	Mortality drop from 90% to 45%	Injection	Nakai et al (199).
<i>Lactococcus garvieae</i>	<i>Seriola quinqueradiata</i>	0,1	Reverse gavage	PlgY	Mortality drop from 65% to 10%	Feed pellets	Nakai et al. (1999)
<i>Pseudomonas plecoglossicida</i>	<i>Plecoglossus altivelis</i>	1	Feed pellets	PPpW-3	Mortality drop from 65% to 22%	Feed pellets	Park et al. (2000)
				PPpW-4			
<i>Pseudomonas plecoglossicida</i>	<i>Plecoglossus altivelis</i>		Contaminated fish	PPpW-3	Mortality drop from 90% to 26%	Feed pellets	Park and Nakai (2003)
				PPpW-4			
<i>Pseudomonas aeruginosa</i>	<i>Clarias gariepinus</i>				Diameter of lesion diminishes from 15 mm to 5 mm	Swabbing	Khairnar et al. (2013)
<i>Streptococcus iniae</i>	<i>Paralichthys olivaceus</i>		Injection	PSiJ31	Mortality drop from 80% to 0%	Injection	Matsuoka et al. (2007)
				PSiJ32 PSiJ4			
				PSiJ42			
<i>Vibrio anguillarum</i>	<i>Salmo salar</i>	1	Immersion	CHOED	Mortality drop from 95% to 30%	Immersion	Higuera et al. (2013)
<i>Vibrio anguillarum</i>	<i>Salmo salar</i>	20	Immersion	CHOED	Mortality drop from 95% to 0%	Immersion	Higuera et al. (2013)
<i>Vibrio harveyi</i>	<i>Panaeus monodon</i>		Natural occurrence	Viha10	Mortality drop from 88% to 32%	Immersion	Karunasagar et al. (2007)
				Viha8	compared to antibiotic treatment		

DOI of original article: <https://doi.org/10.1016/j.aquaculture.2019.734423>

* Corresponding author.

E-mail address: a.culot@hotmail.fr (A. Culot).

<https://doi.org/10.1016/j.aquaculture.2019.734851>

Available online 18 December 2019

0044-8486/ © 2019 Elsevier B.V. All rights reserved.