OPEN Publisher Correction: Delay in primordial germ cell migration in *adamts9* knockout zebrafish

Jonathan J. Carver, Yuanfa He & Yong Zhu

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-021-88024-x>, published online 20 April 2021

The original version of this Article contained errors in the in-text citations.

Firstly, in the Materials and methods section under the subheading ‘Confocal imaging and analyses of GFP expression, migration and numbers of PGCs in *Adamts9* knockout’,

“*Adamts9* knockout male fish (*adamts9*^{-/-}) were crossed with *Tg(vasa:EGFP)*³⁰”

now reads:

“*Adamts9* knockout male fish (*adamts9*^{-/-}) were crossed with *Tg(vasa:EGFP)*²⁹”

Additionally, in the Discussion section,

“Matrix metalloproteinases (MMPs) are well known for their involvements in cell motility such as stem cell migration or cancer cell invasion^{29,30,31,32,33,34}”

now reads:

“Matrix metalloproteinases (MMPs) are well known for their involvements in cell motility such as stem cell migration or cancer cell invasion^{30–34}”

Also in the Discussion section,

“It is well established that the number of germ cells is important for gonadal development and sex determination in zebrafish^{40,41,43}. A threshold number of germ cells is required for ovarian development. The depletion of germ cells in development or the adult will lead to the development of males^{40,41,42,43}”

now reads:

“It is well established that the number of germ cells is important for gonadal development and sex determination in zebrafish^{41,42,43}. A threshold number of germ cells is required for ovarian development. The depletion of germ cells in development or the adult will lead to the development of males^{41,42,43}”

These errors have now been corrected in the HTML and PDF versions of the Article.

Published online: 12 May 2021

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2021