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# Author Correction: New paradigms for understanding and step changes in treating active and chronic, persistent apicomplexan infections

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Correction to: *Scientific Reports* <https://doi.org/10.1038/srep29179>, published online 14 July 2016

This Author Correction corrects the following errors in the Article. The authors neglected to cite a relevant study related to the isolation of the EGS strain of *Toxoplasma gondii* from amniotic fluid from a congenitally infected Brazilian fetus. As a result, in the Introduction,

“To address these challenges, we characterized the EGS parasite (Fig. 1), isolated in 1994 from amniotic fluid of a congenitally infected Brazilian fetus<sup>25</sup>, that form cyst-like structures *in vitro*.”

should read:

“To address these challenges, we characterized the EGS parasite (Fig. 1; ATCC® PRA-396), isolated in 1994 from amniotic fluid of a congenitally infected Brazilian fetus<sup>1</sup> that form cyst-like structures *in vitro*<sup>25</sup>.”

In the Results section, under subheading ‘Characterization of EGS strain develops novel *in vitro* models to test compounds’,

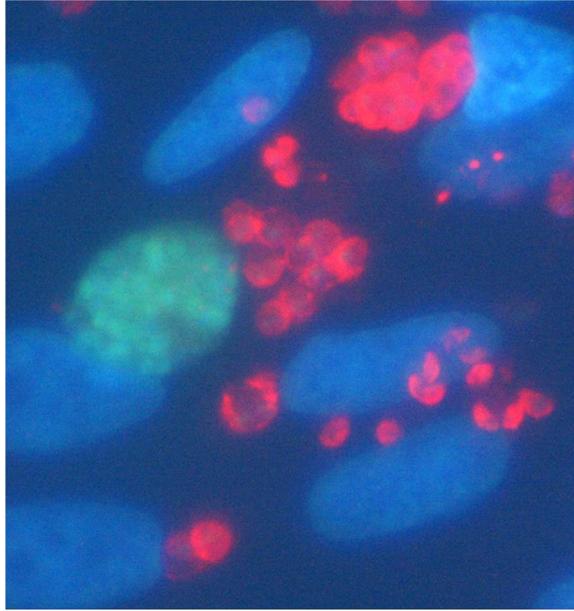
“This AP2 represses bradyzoite to tachyzoite conversion, among other differences (Table 1; Fig. 1c; Supplement A: Box and Figure S2, Supplement B: Excel Table S1).”

should read:

“This AP2 represses tachyzoite to bradyzoite conversion<sup>2</sup>, among other differences (Table 1; Fig. 1c; Supplement A: Box and Figure S2, Supplement B: Excel Table S1).”

In Figure 6d, the incorrect image for transfected EGS was used. The correct Figure 6d appears below as Figure 1.

Published online: 23 March 2020



**Figure 1.**

Finally, in the Discussion section,

“This *Apetela 2* plant like transcription factor gene is known to drive tachyzoite switch by repressing bradyzoite genes.”

should read:

“This *Apetela 2*, plant-like transcription factor gene, *AP2IV-4*, represses bradyzoite genes during the tachyzoite cell cycle, thereby preventing commitment to the bradyzoite developmental pathway<sup>2</sup>.”

## References

1. Castro F. C. Correlação do diagnóstico pós-natal da toxoplasmose congênita com a reação em cadeia da polimerase no líquido amniótico, inoculação em camundongo e achados anatomopatológicos da placenta. *Thesis, Belo Horizonte, Brazil* **89** (1999).
2. Radke, J. B. Transcriptional control of *Toxoplasma* development. *PhD dissertation, University of South Florida*, <http://scholarcommons.usf.edu/etd/5108> (2014).



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