BMC Biology

Correction: the buccohypophyseal canal is an ancestral vertebrate trait maintained by modulation in sonic hedgehog signaling

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Correction

The authors noted that the figure legend for Figure 1 (parts (a) and (b)) needs correcting [1].

The Figure 1 legend should read:

Figure 1 Rathke's pouch is located at a triple boundary. a) Whole-mount LacZ staining of an R26R-Sox17-Cre E10.5 mouse embryo showing the anterior limit of the endoderm (red arrowhead) and the posterior border of Rathke's pouch (blue arrowhead); endobuccal view of the oral roof. (**b**) Posterior limit (arrowhead) of the neural crest-derived mesenchyme in the mid-sagittal plane at E12.5, corresponding to the location of the closing buccohypophyseal canal, in an R26R-Wnt1-Cre mouse embryo. (**c**) Anterior limit of the endoderm in the mid-sagittal plane at E10.5 (arrowhead), LacZ staining, R26RSox17- Cre mouse embryo. (**d**) Anterior end of the notochord (arrowhead), eosin staining, E10.5, wild-type mouse embryo ant, anterior; post; posterior; RP, Rathke's pouch.

Please also note the contact address for Philippe Janvier should be: 5.CNRS-UMR 7207, Muséum national d'Histoire naturelle-UPMC, Paris, France.

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Reference
1. Khonsari RH, Seppala M, Pradel A, Dutel H, Clément G, Lebedev O, Ghafoor S, Rothova M, Tucker A, Maisey JG, Fan CM, Kawasaki M, Ohazama A, Tafforeau P, Franco B, Helms J, Haycraft CJ, David A, Janvier P, Cobourne MT, Sharpe PT: The buccohypophyseal canal is an ancestral vertebrate trait maintained by modulation in sonic hedgehog signaling. BMC Biology 2013, **11**:27.