

CORRECTION

Correction: Endocardial Tip Cells in the Human Embryo - Facts and Hypotheses

The PLOS ONE Staff

There is an error in affiliation 5 in the PDF version of the published article for author Mihnea I. Nicolescu. Affiliation 5 should be: Laboratory of Molecular Medicine, “Victor Babeş” National Institute of Pathology, Bucharest, Romania.

Reference 22 has been published. The full reference is: Diaz-Flores L, Gutierrez R, Garcia MP, Saez FJ, Diaz-Flores L Jr, et al. (2014) CD34+ stromal cells/fibroblasts/fibrocytes/telocytes as a tissue reserve and a principal source of mesenchymal cells. Location, morphology, function and role in pathology. *Histol Histopathol* 29: 831–870. pmid:24488810

[Fig. 1](#) is incorrect. Please view the correct [Fig. 1](#) here.



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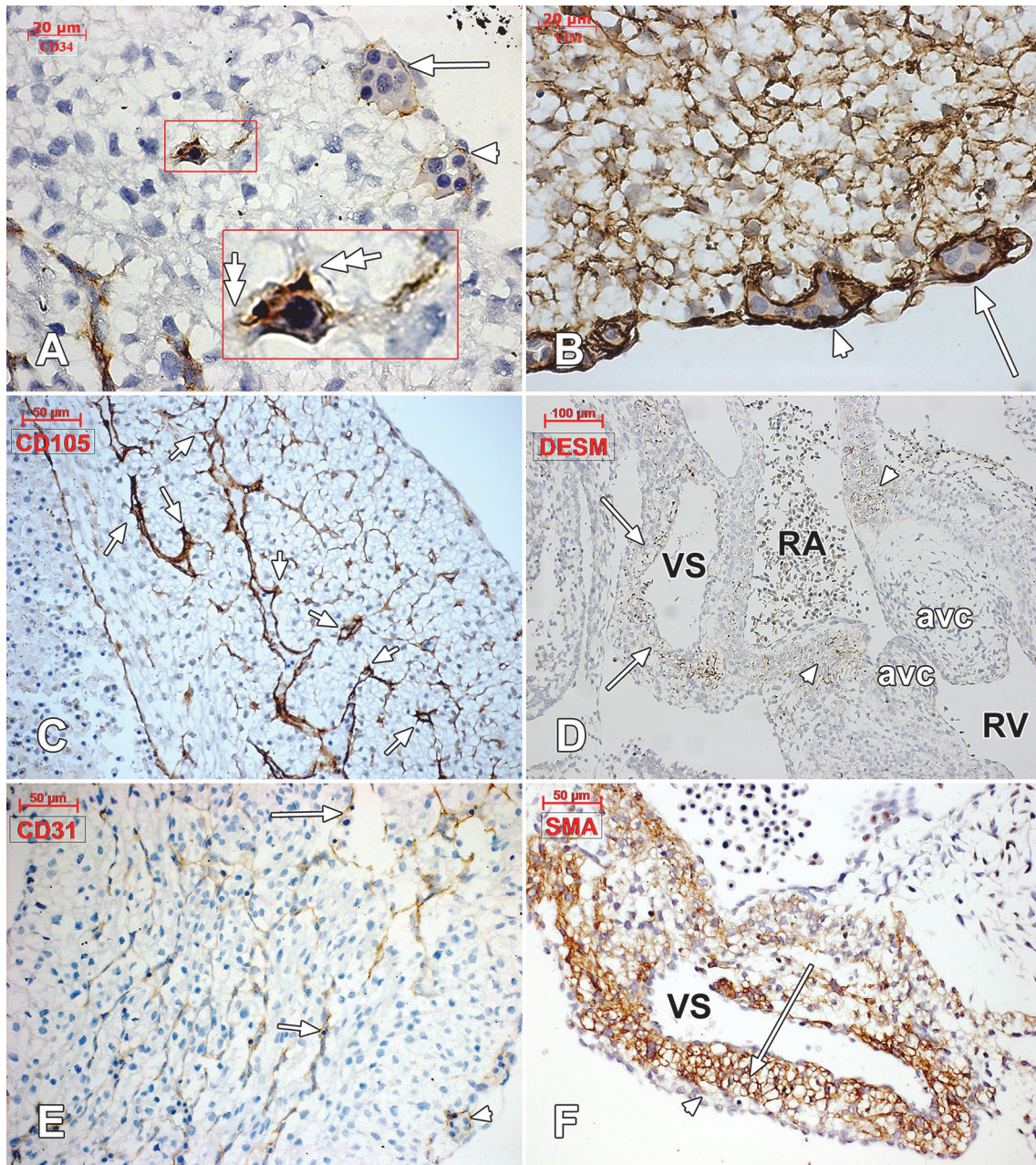


Fig 1. Human embryonic heart (43 days), CD 34, vimentin, CD105, desmin and CD31 immune labeling. Immune labeling with CD34 (A) and vimentin (B) antibodies of a 43 days human embryonic heart, oblique-sagittal cut at ventricle level. Corresponding epicardial vascular canals are indicated (white arrows and white arrowheads). The walls of these canals seem to acquire a CD34-positive phenotype and are vimentin-positive. In (A) an active intramyocardial process of sprouting angiogenesis is detailed (inset), being guided by tip cells (double-headed arrows). CD105 immunolabeling of the ventricular wall (C) identifies filopodia-guided processes (arrows) of endocardial sprouting. Desmin-positive reactions were exclusively found (D) in the dorsal wall of the venous sinus (arrows) and in the atrioventricular ring (arrowheads) (VS: venous sinus; RA: right atrium; RV: right ventricle; avc: atrioventricular cushion). CD31-positive endocardial (arrows) and vascular (arrowhead) endothelia were identified. α -SMA intense labeling of the venous sinus (VS) myocardium (arrow) but not of subepicardium (arrowhead).

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Reference

1. Rusu MC, Poalelungi CV, Vrapciu AD, Nicolescu MI, Hostiuc S, Mogoanta L, et al. (2015) Endocardial Tip Cells in the Human Embryo - Facts and Hypotheses. *PLoS ONE* 10(1): e0115853. doi: [10.1371/journal.pone.0115853](https://doi.org/10.1371/journal.pone.0115853) PMID: [25617624](https://pubmed.ncbi.nlm.nih.gov/25617624/)