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It is assumed that the endothelial cells of the amphiox, as well as endothelial cells in the capillary of the higher chordates, are likely to play a role in the physiology of the circulatory system, removing the residues of filtration from the basal laminate, thereby facilitating the exchange of materials in and out of the surrounding tissues. Branco Furst, Branco Furst, Brief Comparative Phylogeny, Heart and Circulation, 10.1007/978-3-030-25062-1, (65-86), (2020). Marcella Faria, Aggregation, polarization, network - Evolution of cell adhesion codes, Biosystems, 10.1016/j.biosystems.2017.10.017, 164, (60-67), (2018). Chang Gao, Shikui Chang, Cephalochordata: Brunchiotoma, Advances in Comparative Immunology, 10.1007/978-3-319-76768-0, (593-635), (2018). 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