

A Role of Morphogenetic Movements in Differentiation of Suprablastoporal Zone in *Triturus vulgaris* (Amphibia: Caudata) Early Gastrula

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Abstract: The dependence between differentiation potentials and morphogenetic cell movements of the suprablastoporal zone in *Triturus vulgaris* L. embryos on the stage of early gastrula was studied. For this purpose we blocked involution of the suprablastoporal zone by its explanting and covering with ventral ectoderm from embryos in different developmental stages. At these conditions in recombinants with the ectoderm from embryos after early gastrula stage the percentage of axial structures has been decreased and their differentiation spectrum has been moved in lateral direction

Key words: *Triturus*, suprablastoporal zone, involution, convergence, intercalation