

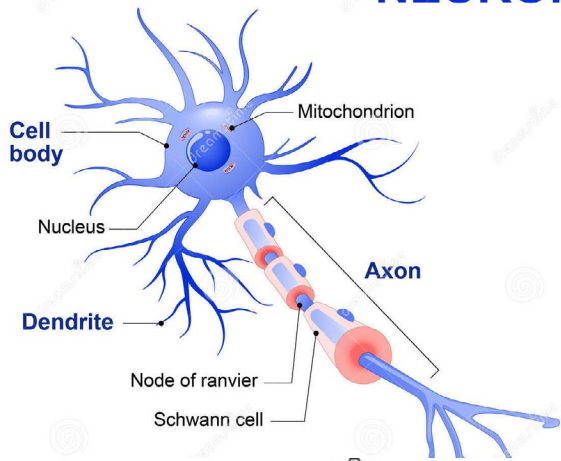
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Roles of flotillins in tumors

Key words: Flotillins, Tumor, Lipid raft protein, Signal transduction

Functions in relevant cell processes

NEURON

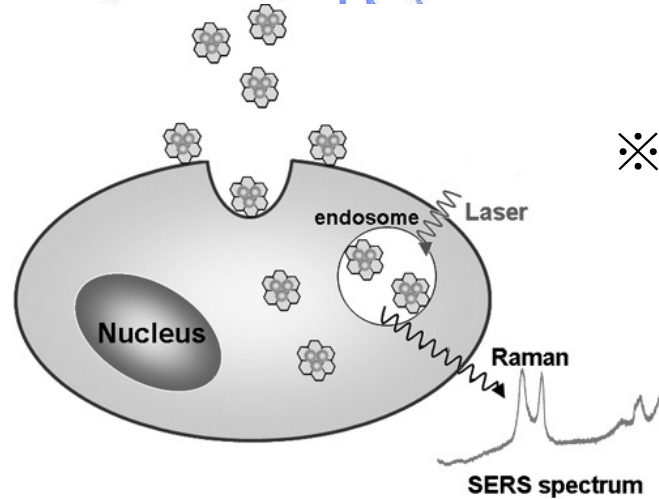


※ Axon regeneration and neuron differentiation

※ Signal platforms in T lymphocytes

※ Signal transmission of insulin

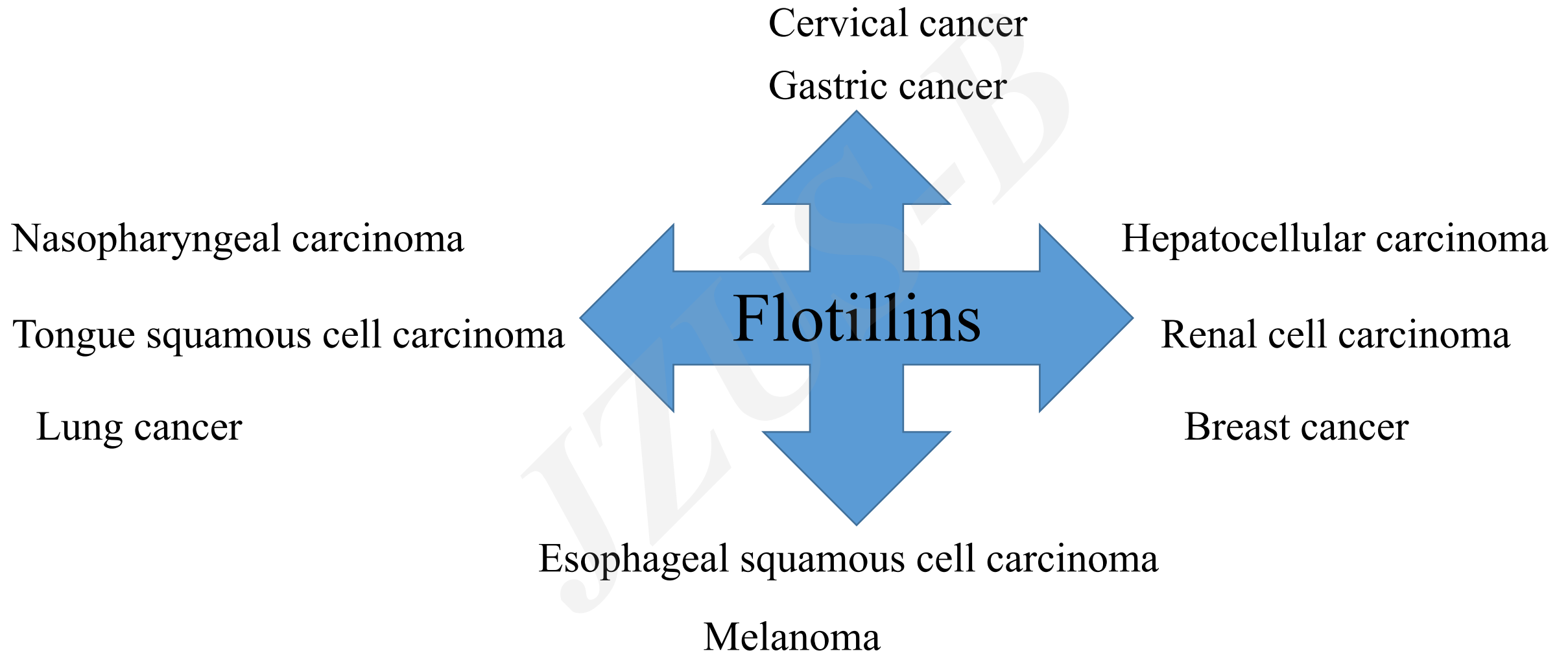
※ Endocytosis



※ Cell proliferation



Flotillins in tumors



Innovation points

The roles and mechanisms of the Flotillins in a various of tumors were summarized and presented in the form of schematic diagrams and tables.

Figure 1: The protein structures of Flotillin-1 and Flotillin-2 were shown in the form of schematic diagram.

Table 1: Dysregulation and functional roles of Flotillin-1 and Flotillin-2 in tumors.

Figure 2: The mechanisms underlying the biological functions of flotillins in tumor cells involve regulating the downstream targets and regulation by miRNAs.