Aims and Objectives
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T11TS has been proved to be a very efficient antineoplastic agent when tested in glioma models in rats and in human samples, but its role in glioma angiogenesis has not been worked out in details. For therapeutic validation of the molecule, the study has been designed to test the efficacy of the molecule as an anti-angiogenic against ENU induced glioma in rat model. So the aims of the study are:

➢ To isolate and characterize the Endothelial cells by their phenotypic markers in glioma induced rat model.
➢ To study the effects of T11TS/SLFA-3 in modulating the role of matrix degrading enzymes, in glioma regression.
➢ To investigate the alteration in integrin and adhesion molecules following T11TS administration in glioma induced rats.
➢ To find out the regulatory role of T11TS/SLFA-3 on angiogenic factors and cytokines helping eradication of glioma cells in animal model.