Solute Carrier Organic Anion Transporter Family Member 4A1 (SLCO4A1) in colorectal cancer: Identification of Markers of Prognosis
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BACKGROUND

SLCO4A1 expression was investigated by immunohistochemistry (IHC) on 84 cases.
- chose 4 colorectal cancer cell lines arising SLCO4A1 high-expression -> down-expressed by using SLCO4A1 siRNA.
- The functional roles of SLCO4A1 were estimated by MTT assay, Migration assay, invasion assay and semisolid agar colony forming assay.

METHOD

SLCO4A1 expression was investigated by immunohistochemistry (IHC) on 84 cases.
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RESULT

MTT assay

Migration assay & invasion assay

Semisolid agar colony forming assay

Comparasion of Clinicopathologic factors and SLC04A1 Expression

SLCO4A1 high expression vs low expression

Cox regression

CONCLUSION

In this study suggest that SLCO4A1 function of the colorectal cancer.
And SLCO4A1 high-expression will can be a valuable poor prognostic marker of colorectal cancer.