

E. 結論

セレクトインと糖鎖を介した細胞接着は、がんの浸潤・転移において、血行性転移・胸腹膜播種・リンパ節浸潤のいずれにおいても重要な役割を演ずる。最も解明の遅れていたリンパ節浸潤における細胞接着の分子機序について、関与する特異的な糖鎖リガンドを明らかにすることが出来た。これら糖鎖リガンドの合成規定する糖転移酵素のクローニングも進展し、その発現の調節機構の解明も進んだ。これらの成果から、細胞の悪性化に伴う細胞接着能の異常を引き起こしている機構のさらなる解析が可能となった。

F. 研究発表 (論文発表)

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