
Gene expression of 5-lipoxygenase and LTA4 hydrolase in children with nephrotic syndrome

Mohamed Abd El Hamid Tawfik

-There is up regulation of gene expression of both 5-LO and LTA4 hydrolase in active PNS patients. So, 5-LO and LTA4 hydrolase expression may participate in the pathogenesis and activity of PNS directing our attention for using specific enzyme inhibitors for 5-LO pathway as an adjuvant model of therapy in these patients.-As our study showed that there was no significant difference in the expression of 5-LO LTA, hydrolase between steroid sensitive & steroid resistant patient. So, expression of both enzyme can't be used as a marker for steroid sensitivity.-There was no significant difference between different clinical types of SSNS or between different pathological types of SRNS.