

New notions about cell development, cell cycle, differentiation and cell signalling are now being used for refinement of classification of malignant lymphomas (ML) and for development of new drugs specifically targeting deregulated proteins some of which play a role in immune signalling. The first step in most of the signalling pathways is transduction of the signal through the plasma membrane mediated by a plasma cell receptor. Certain proximal signalling molecules such as a family of Src-kinases (SFK) are segregated in particular plasma membrane compartments called lipid rafts or glycosphingolipid-enriched microdomains (GEM).

I studied expression of PAG in non-neoplastic and neoplastic lymphoid tissue in order to determine its expression pattern and to investigate its utility in routine diagnostic haematopathology.