Phase I/II clinical trial of local GM-CSF application in patients with cervical HPV-associated low-grade squamous intraepithelial lesions (SIL).

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Quantitative and functional alterations of professional antigen-presenting cells (APC) in SIL suggest that these lesions may have a diminished capacity to capture viral antigens. Moreover, GM-CSF (whose production is decreased in HPV-transformed keratinocytes) is an essential factor for the migration of APC in cervical (pre)neoplastic lesions formed

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