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(54) Title: NEUTROPHIL SUBTYPES

(57) Abstract: Disclosed is a method of characterising and/or separating neutrophils, the method comprises characterising and/or separating the neutrophils into a first population comprising proliferative neutrophils and a second population comprising mature neutrophils, according to the expression of CD101 on the neutrophils. Also disclosed are compositions comprising proliferative neutrophils that are CD10⁺CD101⁺, and methods of treatment, diagnostic or prognostic using neutrophils thereof, as well as kits for characterising and/or separating proliferative neutrophils based on the expression of CD101 or CD10. In a preferred embodiment, the population of neutrophils may be characterised as proliferative neutrophils if CD10⁺CD101⁺, as immature neutrophils if CD10⁺CD101⁺ and as mature neutrophils if CD10⁺CD101⁺.



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