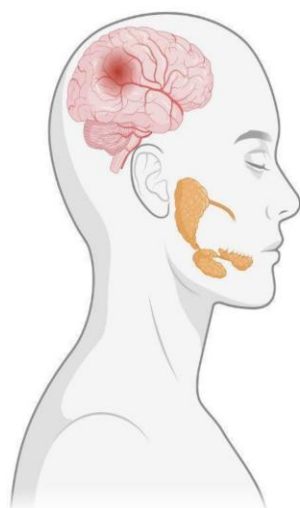


International Journal of Medical Sciences

1. Saliva collection

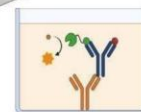
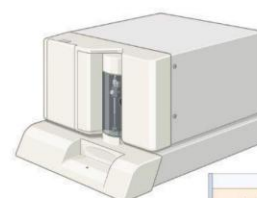


Stroke

2. Centrifugation



3. Multiplex Elisa



Elevated concentration

Pro-inflammatory cytokines:

IL-1 β

TNF- α

TNF- β

Anti-inflammatory cytokines:

IL-1ra

TRAIL

Th1 cytokines:

IFN- γ

IL-2Ra

IL-12 (p40)

Th2 cytokines:

IL-6



Lowered concentration

*Pro-inflammatory
cytokines:*

IL-1a

*Anti-inflammatory
cytokines:*

IL-4

IL-9



Cover feature: The screening assessment of pro-inflammatory, anti-inflammatory, Th1, Th2 and Th17 cytokines in saliva of patients with ischemic stroke

Dominika Forszt, Karolina Gerreth, Jakub Kopczyński, et al.



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