

Tissue extracellular peptide patterns dedicated for generation of anti-cancer vaccines against salivary gland tumor, identification and isolation of salivary gland tumor specific T cells in humans

### About technology

Immunoprecipitation (IP) is a widely used method for neoantigen screening. However, this approach has technical limitations such as antibody dependence/bias, cost, time-consuming and inapplicability in non-human models due to lack of effective antibodies.

The invention includes the application of a benign acid elution method to salivary gland patient tissues for the screening and quantification of neoantigens. This novel approach facilitates the screening of neoantigens directly from patient samples, such as a tumour.

The proposed solution is low-cost, repeatable and fast, making it applicable to many industries.



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### IP protection

The invention is the subject of a European patent application  
**EP23182547.2** and **PCT/EP2023/085716**

### Implementation progress

**TRL 4** –Technology validated in laboratory conditions

### Cooperation opportunities

- Licensing agreement
- Transfer of ownership
- Spin off

