

What's the trigger of BP?

【Hypothesis】

① 【Patients' background】

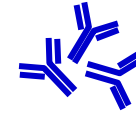
Genetic background (HLA etc.) · Treg dysfunction · aging...

② 【Triggers】

- Trauma, infection →
- UV, irradiation →
- Neurological diseases →
- Hematological malignancies →
- DPP-4 inhibitors →
- Immune-checkpoint inhibitors →
- ⋮

Breakdown of immune tolerance to BP180

Induction of autoantibodies to BP180



Bullous pemphigoid

