**MUC5B** variant is strongly associated with interstitial lung disease in myeloperoxidase-ANCA associated vasculitis

- Interstitial lung disease (ILD) is a critical complication and a prognostic factor of rheumatic diseases. The prevalence of ILD in rheumatic diseases is strikingly high in the Japanese population.

- In collaboration with Dieude et al., we recently reported that a single nucleotide variant (SNV) rs35705950 in the promoter region of **MUC5B** gene is associated with ILD in rheumatoid arthritis [1].

- Here we demonstrated that the same SNV is strikingly associated with ILD in myeloperoxidase(MPO)-ANCA associated vasculitis for the first time [2].

- These findings may be valuable for drug discovery as well as for risk prediction.


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