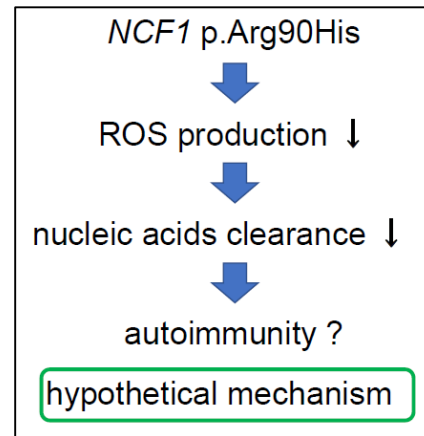
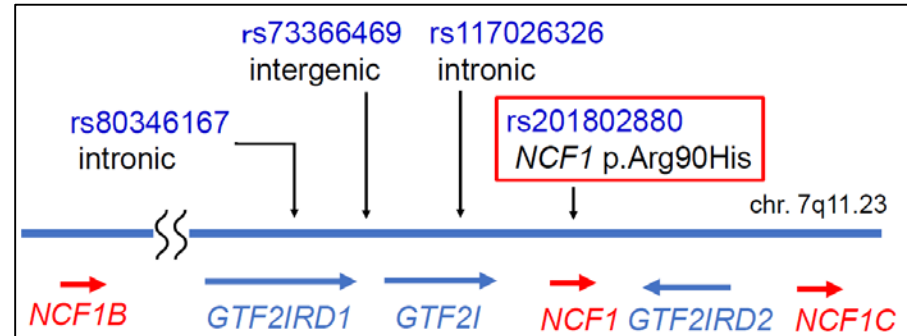
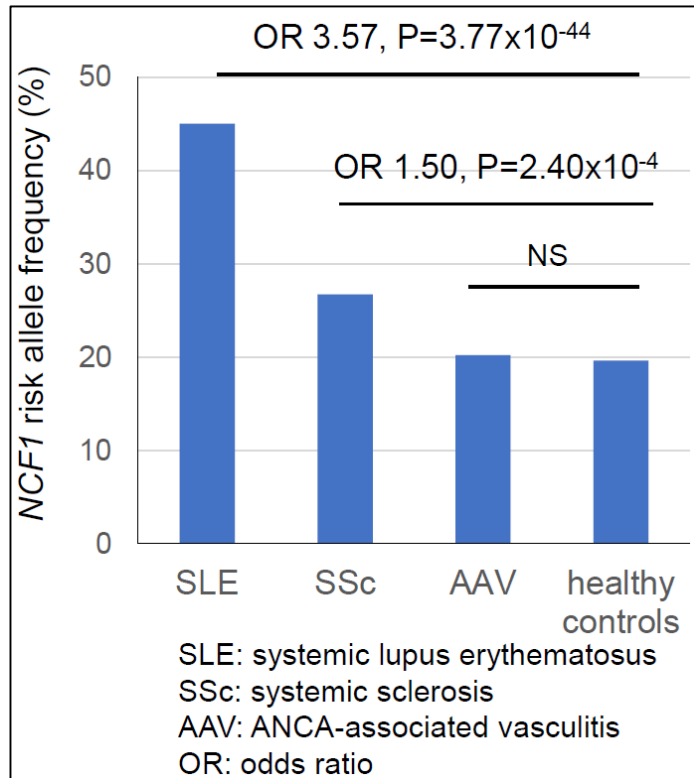


***NCF1* reduction-of-function variant is strikingly associated with risk of systemic lupus erythematosus, and also with systemic sclerosis**



- Chromosomal region encompassing *GTF2I* (general transcription factor) and *NCF1* (NADPH oxidase subunit) has been shown to be associated with systemic lupus erythematosus (SLE).

- Here we demonstrated that *NCF1* p.Arg90His allele is associated with SLE also in the Japanese population, much more strongly than with *HLA-DRB1*15:01*, which has been thought to be the strongest susceptibility allele of SLE.
- We also detected association of that *NCF1* p.Arg90His with systemic sclerosis (SSc).

Reference: Yokoyama N. et al., *Sci Rep* 2019;9:16366

Contact: Naoyuki Tsuchiya (国内多数のリウマチ膠原病診療・研究グループとの共同研究)