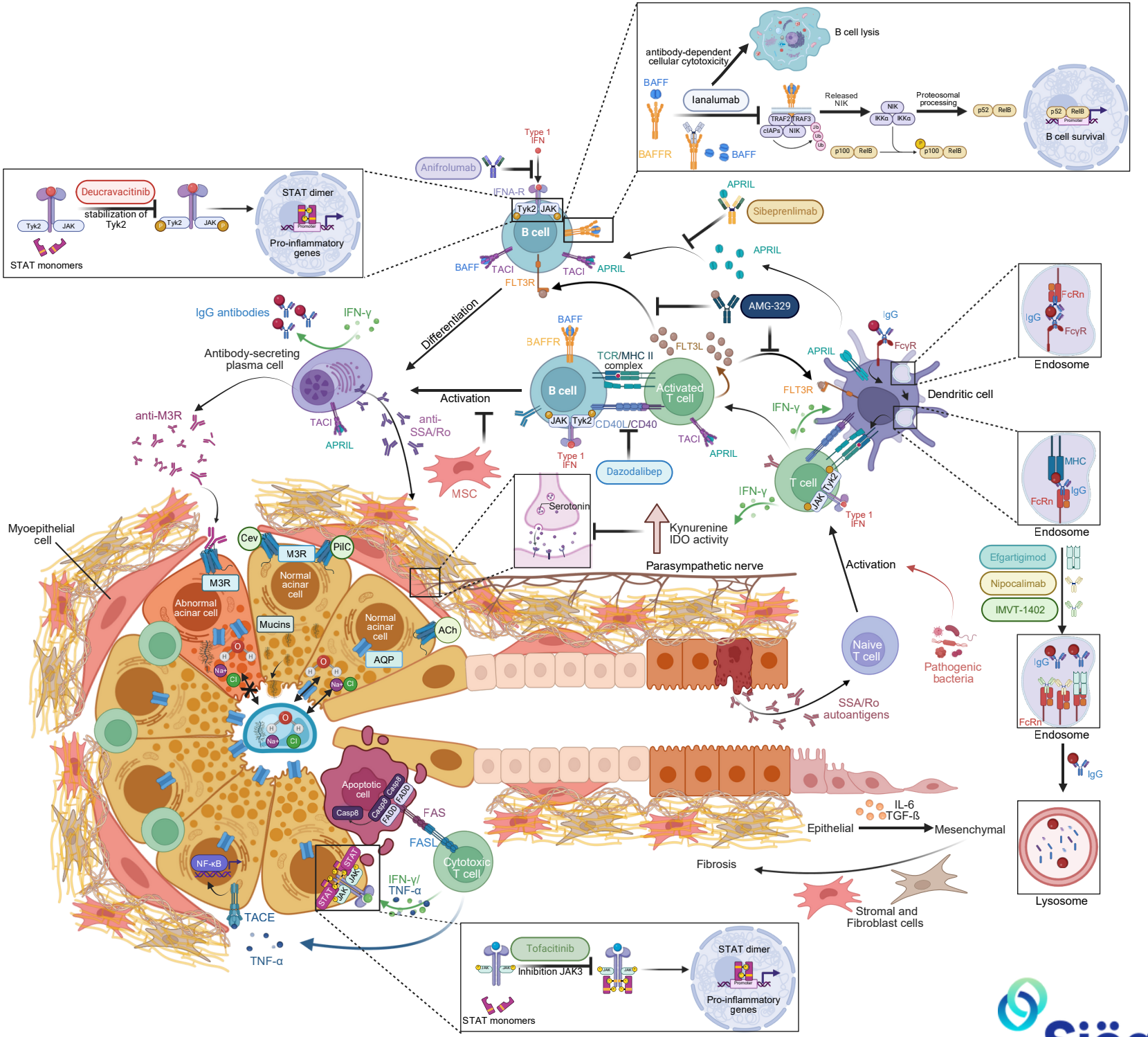
Salivary Gland Pathophysiology in Sjögren's



Cox KD, Makara M, Maldonado JO, Frantsve-Hawley J, Carsons SE, Sankar V. Exploring the Interplay of Oral and Systemic Pathology in Sjögren's Disease. Journal of Dental Research. 2025;0(0). doi:10.1177/00220345251379445

Sjögren's FOUNDATION

Figure 1: *Salivary Gland Pathophysiology in Sjögren's*. Schematic representation of the effects of inflammatory and immunomodulatory signaling in the pathogenesis of Sjögren's disease. Abbreviations: **Ach**- Acetylcholine; **anti-M3R**- antibodies against muscarinic 3 receptor; **anti-SSA/Ro**- antibodies against the Ro protein antigen, also called anti--Sjögren's-syndrome-related autoantibodies (SSA); **APRIL**- A proliferation inducing ligand; **AQP**- Aquaporin; **BAFF**- B cell activating factor; **BAFFR**- B cell activating factor ligand; **Casp8**- caspase 8; **CD40**- tumor necrosis factor receptor superfamily, member 5; **CD40L**- CD40 ligand; **Cev**- cevimeline; **cIAPs**- cellular inhibitor of apoptosis; **FADD**- FAS-associated protein with death domain; **FAS**- Fas cell surface death receptor, CD45; FASL-FAS receptor ligand; **FcRγ**- fragment crystallizable receptor gamma; **FcRn**- neonatal fragment crystallizable receptor; **FT3L**- feline McDonough-sarcoma- like tyrosine kinase 3 ligand; FT3R- feline McDonough-sarcoma like tyrosine kinase 3 receptor; **IFN**- interferon; **IFNA-R**- interferon alpha receptor; **IgG**- immunoglobulin G antibody; **IKKα**- inhibitory Kappa B Kinase α; **IL-6**- interleukin-6; **JAK**- Janus kinase; M3R- muscarinic 3 receptor; **MHC**- major histocompatibility complex; **MSC**- mesenchymal stromal cell; **NF-κB**- nuclear factor kappa B; **NIK**- NF-κB inducing kinase; **p100**- nuclear factor kappa B subunit; **p52**- nuclear factor kappa B subunit; **PilC**- pilocarpine; **RelB**- transcription factor RelB; **STAT**- signal transducer and activator of transcription; **TACE**- TNF-α converting enzyme; **TACI**- transmembrane activator and CAML interactor, also tumor necrosis factor receptor superfamily member 13B; **TCR**- T cell receptor; **TGF-β**- tumor growth factor beta; **TNF-α**- tumor necrosis factor alpha; **TRAF2**- TNF receptor associated factor 2; **TRAF3**- TNF receptor associated factor 3; **Tyk2**- tyrosine kinase 2; **Ub**- ubiquitin. *Created in BioRender. Cox, K. (2025) https://BioRender.com/l5ui4zm*

Copyright 2025 Sjögren's Foundation®.