Interleukin 17-A (IL-17A) in Psoriasis
A cornerstone cytokine (messenger protein) involved in the development of psoriasis and other autoimmune diseases

How increased levels of IL-17A affect the skin in psoriasis

Higher IL-17A levels may cause more severe psoriasis symptoms

Feedback loop created:
IL-17A signals to skin cells (keratinocytes), which grow in number
IL-17A signals to infection-fighting cells to go to infection site
Too many skin cells cause:
- THICKENED SKIN
- PLAQUES

Infection-fighting cells cause inflammation leading to:
- ITCHING
- REDNESS

IL-17A wrongly continues to signal that more skin cells and infection-fighting cells are needed

IL-17A can affect other parts of the body

Higher IL-17A levels may cause more severe psoriasis symptoms

IL-17A: A new potential target
Newer, innovative treatments have been developed in response to this unmet need. These treatments specifically target the cytokines that trigger inflammation, such as IL-17A, and interrupt the inflammatory cycle in psoriasis. They have shown positive results in the treatment and management of psoriasis.