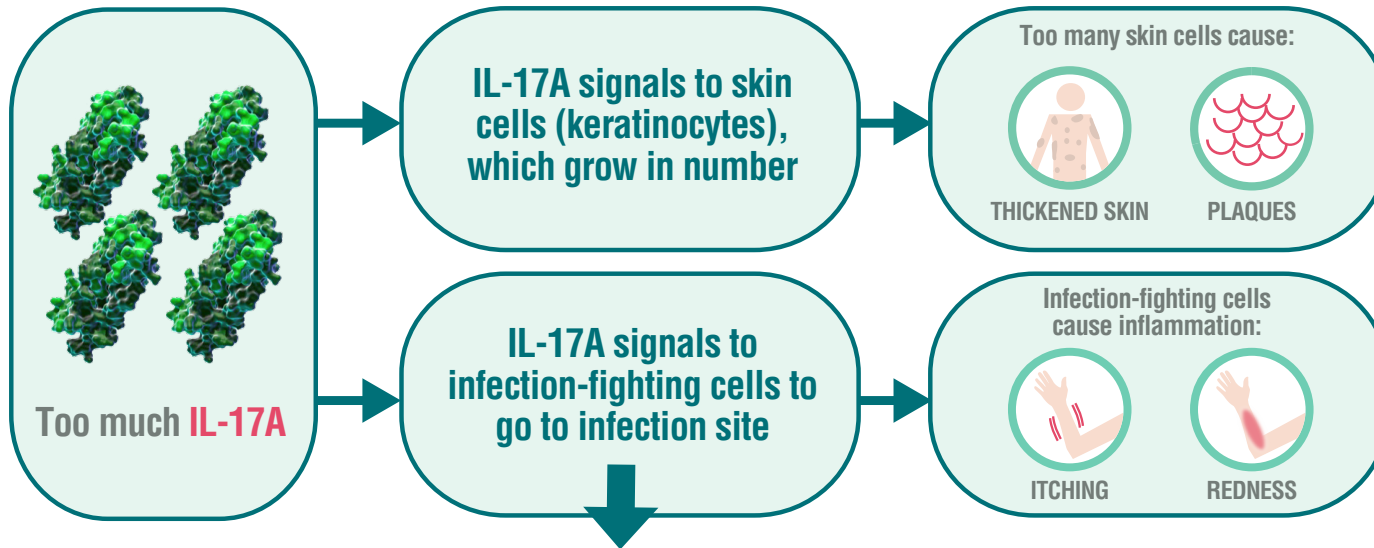


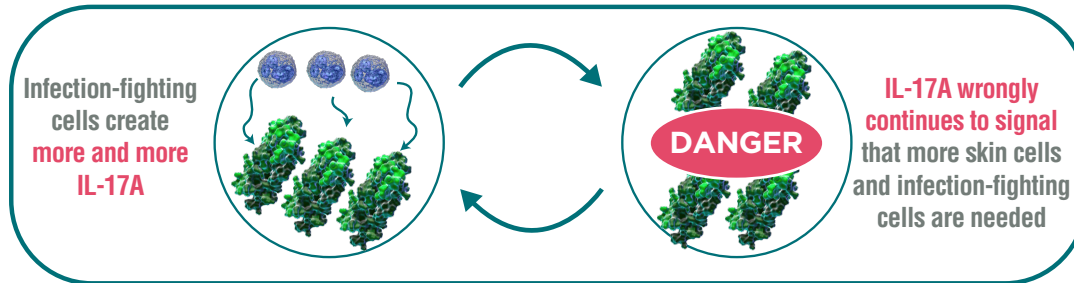
# ABOUT INTERLEUKIN 17-A (IL-17A)

A MESSENGER PROTEIN (OR CYTOKINE) FOUND TO PLAY A KEY ROLE IN PSORIASIS AND OTHER AUTOIMMUNE DISEASES<sup>1-4</sup>

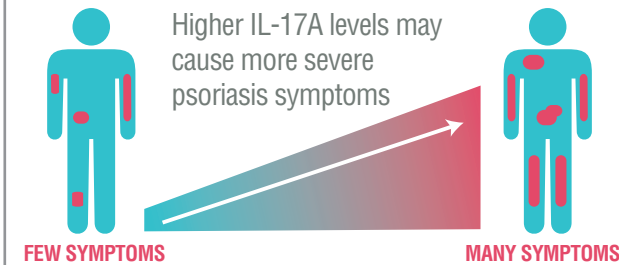
## HOW INCREASED LEVELS OF IL-17A AFFECT THE SKIN IN PSORIASIS<sup>5-7</sup>



### FEEDBACK LOOP CREATED



## IL-17A IS UP TO 6X HIGHER IN PSORIASIS THAN IN NORMAL SKIN<sup>8-11</sup>



## IL-17A: A POTENTIAL NEW TARGET<sup>2,5,12-16</sup>

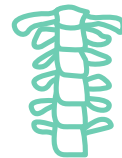
Researchers are investigating targeted therapies that **inhibit IL-17A** and may prevent the “**feedback loop**” that can cause **psoriasis** and other autoimmune diseases.

Research also shows **directly targeting IL-17A** does not appear to compromise the immune system, which can happen with some psoriasis treatments.

## HOW IL-17A CAN AFFECT OTHER PARTS OF THE BODY<sup>4</sup>



**JOINTS**  
Psoriatic arthritis



**SPINE**  
Ankylosing spondylitis



**LUNGS**  
Asthma

### References

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