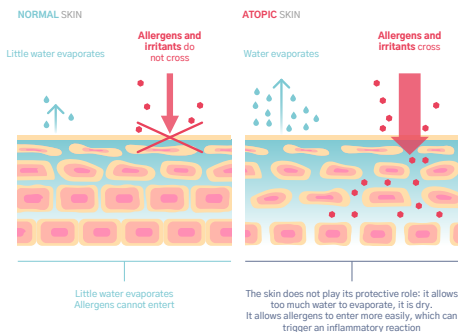


# THE ABCs OF BIOTHERAPY

## UNDERSTANDING ECZEMA WITH IMAGES

### A problem with the skin barrier



Dry Skin



Porous Skin



**Inappropriate inflammatory reactions**  
(Production of IL4: Inflammation vector)

## TREATMENT TIMELINE

### Background treatments

→ Emollients

### First-line treatments

→ Topical corticosteroids

### Adjunctive Therapy

→ Antimicrobials  
→ Antihistamines  
→ Dietary supplements

### Therapeutic education

→ Workshops,  
→ Personalized support

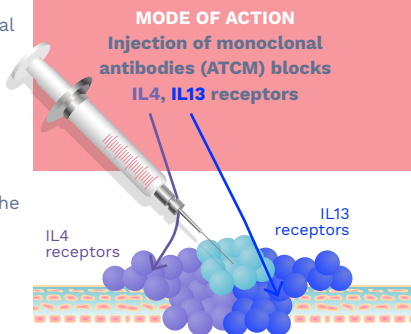
### Treatments in severe and refractory cases

(For the 10% of the population who do not respond to other treatments)

→ Phototherapy  
→ Corticosteroids general action  
→ Biotherapies targeted action

## BIOTHERAPY: WHAT IS IT?

- **It is a biological treatment:** produced by bacteria or animal cells.
- **It is a «targeted» therapy:** it specifically targets the mechanism of action specific to the pathology by blocking the mechanisms involved in the inflammatory cascade



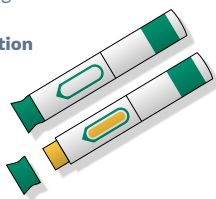
# WHAT TREATMENTS ARE AVAILABLE ON THE MARKET?

**DUPILUMAB** is the first Monoclonal antibody (ATCM) to receive Marketing Authorization in case of failure of other treatments, for the following indications:

- **Moderate to severe Atopic Dermatitis** in adults and adolescents 12 years and older.
- In **severe Atopic Dermatitis** in children 6 to 11 years old.

# AND HOW DOES IT WORK, IN CONCRETE TERMS?

1. **An initial prescription** is given by a hospital dermatologist, then it is renewed by a private dermatologist.
2. It is administered via **subcutaneous injection every 15 days** for several months.
3. **Patients can easily administer the injection themselves** thanks to its pen format.



# POSSIBLE SIDE EFFECTS

- Studies show **very good overall tolerance**.
- Like with any medication, **there are side effects**. Frequently observed:



**Conjunctivitis**



**Hypereosinophilia :**  
change in blood count



## IN CASE OF DUPILUMAB-RESISTANT ECZEMA?

**DON'T PANIC, new treatments will soon be on the market!**

**In any case your doctor will be able to recommend the appropriate treatment for your case**



PIERRE FABRE  
*Eczema*  
FOUNDATION