



Biomap

Biomarkers in Atopic Dermatitis and Psoriasis

Why do eczema and psoriasis vary from person to person?

Virtual webinar:

**Developing better treatments for eczema and psoriasis: what we've learned from the BIOMAP research
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THE UNIVERSITY
of EDINBURGH



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Why do eczema and psoriasis vary from person to person?



Big question...

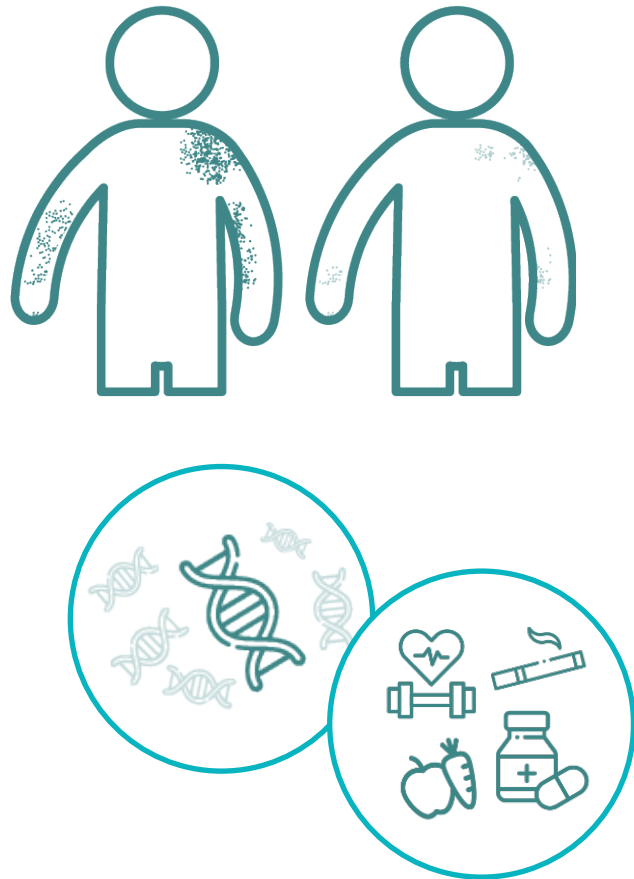
- Why does anyone get eczema or psoriasis?
- What different types are there?
- Why do eczema and psoriasis vary between people?

Why does anyone get eczema or psoriasis?

- Your skin is very smart!
 - Multi-functional
 - Protects
 - Senses
 - Reacts to signals – inside and out
 - Constantly renews
- ... so there is a lot which **could** go wrong



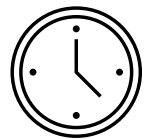
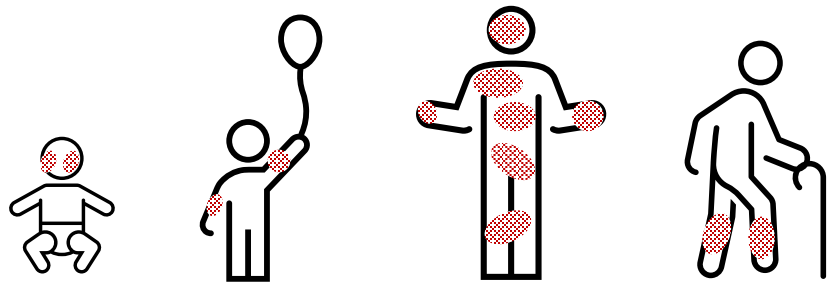
Why does anyone get eczema or psoriasis?



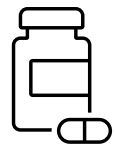
- Your skin is built from your DNA code
- Everyone's DNA is unique
- Your skin reacts to environmental effects
- Everyone's skin reacts differently
- DNA + environment → skin inflammation

What different types are there?

Eczema

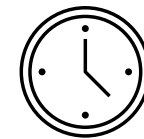
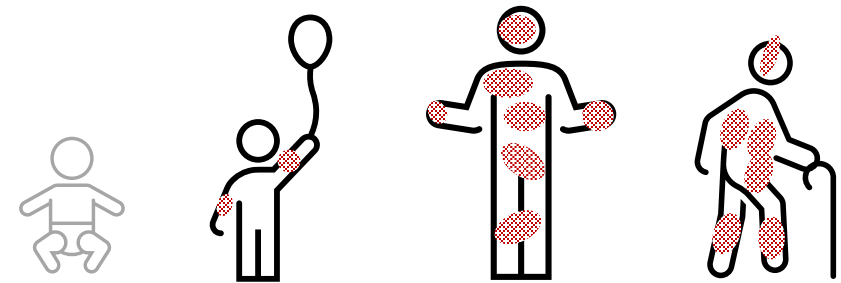


Comes and goes
Acute or chronic



Might or might not respond to
treatment

Psoriasis



Plaque, guttate, pustular

Comes and goes
Acute or chronic

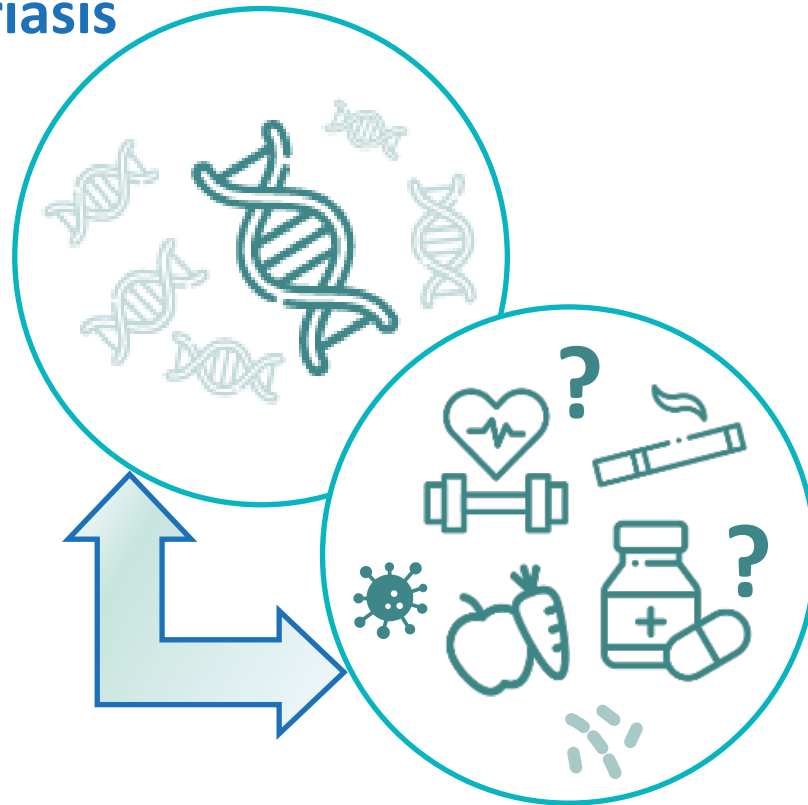


Might or might not respond to
treatment

Why do eczema and psoriasis vary between people?

109 psoriasis

91 eczema



Why do eczema and psoriasis vary between people?

- Genes/DNA
- Environmental effects, including skin microbiome
- Biomap has provided **some** answers ...