



GENETICS AND GENODERMATOSES

## DERMATOPHYTIC DISEASE: IMMUNOGENIC GENETIC DISEASE

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**Introduction:** The dermatophytic disease is a chronic cutaneous and visceral dermatophytosis caused by banal dermatophytes who cross the skin barrier it is observed especially in the Maghreb where it is evolving in a of consanguinity, which supposes the hereditary autosomal recessive transmission so a genetic anomaly that associated more or less aggressively to a deficit of immunity cellular.

**Methods:** Our first observation concerns the old important child to D.A at the antecedents of atomic stern dermatitis doing not reply to the treatment with a lateness steadying stature.

Hyper leucocytosis quasiconstante with a marked eosinophilia (10 to 30%) the dosage of the seric GIs leads a hyper IGE at significant rates celullary immunity most often collapsed IDRs are very often negative (trichophytin, candidin, divasta, ccb) T cells are diminished while the B are at normal rate.  
- the production of MIF is reduced to antigens and TTLs to antigens and mitogens are negative.

**Discussion:** By studying 17 patients from 8 families Consanguinity of North African origin with deep dermatophytosis, without known risk factor, the researchers were able to demonstrate the involvement of the CARD9 gene in the development of this pathology. Family segregation shows a autosomal recessive inheritance with a complete clinical penetrance

**Conclusion:** These works open up new possibilities diagnostic and probably therapeutic of pathology. They allow the diagnosis early genetics leading to treatment prophylactic antifungal limit the evolution of the disease but also setting up a council genetics to the families of patients

**Keyword**  
Consanguinity



**ABSTRACT BOOK**  
ABSTRACTS



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