



**Fig. S1.** (a) Suggested pathomechanism of "eczema in psoriatico" (EIP) evolving in subjects with palmoplantar psoriasis, who additionally acquire contact allergy. (b) EIP as an overlapping of psoriasis, allergic contact dermatitis (ACD) and, eventually, atopy. (c) Clinical picture of EIP with sharply demarcated erythematous scaling plaques on the soles. (d) Histological picture of EIP with regular acanthosis, elongated club-shaped rete ridges, thinning of suprapapillary plates, partial loss of granular layer, full-thickness spongiosis, lymphocytic exocytosis and both plasma and neutrophils in parakeratosis. Haematoxylin and eosin (H&E) staining. (e) Another histological picture of EIP with the formation of small spongiotic vesicles and with strong perivascular infiltrate. H&E staining × 200.