Supplementary material to article by J. C. Chamcheu et al. "Upregulation of PI3K/AKT/mTOR, FABP5 and PPARβ/δ in Human Psoriasis and Imiquimod-induced Murine Psoriasiform Dermatitis Model"

Fig. S3. Immunoblot and Immunohistochemical images showing differential activation of Akt, FABP-5 and PPAR β/δ in human psoriatic lesions and IMQ-treated Balb/c mice lesions vs controls. (A) Immunoblot analysis showing the activation and increased expression of AKT (phospho-Akt Ser\(^\text{473}\)) and its downstream targets p-p44/42 and phospho-S6 from skin tissue lysates of control Balb/c and IMQ-treated mouse skin. Immunohistochemical images showing differential activation and expression of FABP-5 in (B) human psoriatic lesions (top panel and inset) versus control skin weak expression (bottom panel and inset), and (C) IMQ-induced Balb/c lesions (top panel) versus weak expression in control Balb/c mouse skin (bottom panel). PPAR β/δ in (D) human psoriatic lesions (top panel) compared to weak expression in healthy normal skin (bottom panel), and (E) IMQ-induced Balb/c mouse skin lesions compared to week staining in Balb/c control mouse. Scale bars: 50 μm and inset scale 150 μm.

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