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Nickel sulfate promotes IL-17A producing CD4+ T-cells by an IL-23 dependent mechanism regulated by TLR4 and Jak-STAT pathways

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CCEPTED MANUSCRIPT

Nickel sulfate promotes IL-17A producing CD4+ T-

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Running Title: IL-23/IL-12p70 regulation by nickel

Abbreviations: ACD: Allergic contact dermatitis; CHS: Contact hypersensitivity; DC: Dendritic

cell; DNCB: Dinitrochlorobenzene; IRF-1: Interferon regulatory factor 1; MAPK: Mitogen-

activated protein kinase; MoDC: Monocyte-derived dendritic cell; NFIL-3: Nuclear Factor,

Interleukin 3 Regulated; NiSO₄: Nickel sulfate; STAT: Signal transducers and activators of

transcription; Th: T-helper.

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