

Table SII. Mean production values of cytokines in lesional skin of adult and paediatric psoriasis patients, according to psoriasis type

| Cytokines | Plaque psoriasis | | | Guttate psoriasis | | | Pustular psoriasis | | |
|--|----------------------------|---------------------------------|------------------|---------------------------|--------------------------------|--------------|---------------------------|--------------------------------|---------|
| | Adult patients (n = 17) | Paediatric patients (n = 15) | p-value | Adult patients (n = 6) | Paediatric patients (n = 6) | p-value | Adult patients (n = 2) | Paediatric patients (n = 1) | p-value |
| Qualitative analysis, (median, Grade 0-3) | | | | | | | | | |
| CD3 | 1+ | 1+ | 0.551 | 1+ | 1+ | 0.589 | 1.5+ | 1+ | 0.667 |
| CD4 | 1.5+ | 2+ | 0.502 | 1.25+ | 1+ | 0.485 | 2+ | 0+ | 0.667 |
| CD8 | 2+ | 3+ | 0.002 | 1.25+ | 3+ | 0.132 | 1.5+ | 3+ | 1.000 |
| CD45 | 1+ | 1+ | 0.153 | 1.5+ | 1+ | 0.310 | 1.5+ | 0+ | 0.667 |
| TNF- α | 2+ | 3+ | <0.001 | 0+ | 2+ | 0.002 | 1.75+ | 3+ | 1.000 |
| FoxP3 | 0.5+ | 0+ | 0.002 | 0.5+ | 0+ | 0.065 | 1.5+ | 0+ | 0.667 |
| IL-13a | 1+ | 0.5+ | 0.390 | 0.75+ | 0.5+ | 0.589 | 1.25+ | 1+ | 1.000 |
| IL-17a | 2+ | 0.5+ | 0.000 | 2+ | 0.25+ | 0.065 | 2+ | 1+ | 0.667 |
| IL-22 | 1+ | 0.5+ | 0.165 | 1+ | 1+ | 0.699 | 0.75+ | 0.5+ | 0.667 |
| IFN- γ | 2+ | 2+ | 0.766 | 2.75+ | 2.25+ | 0.699 | 2+ | 2+ | 1.000 |
| Quantitative analysis, (median, % of stained cells in the whole layer) | | | | | | | | | |
| TNF- α | 1.97 | 11.3 | <0.001 | 1.14 ^a | 7.18 ^a | 0.012 | 4.06 | 1.91 | 1.000 |
| IL-13 ^a | 6.09 ^a | 5.30 ^a | 0.505 | 5.76 ^a | 7.17 ^a | 0.374 | 2.66 | 4.02 | 1.000 |
| IL-17 ^a | 6.91 | 2.60 | 0.058 | 8.24 | 3.18 | 0.180 | 13.6 | 31.1 | 1.000 |
| IL-22 | 13.3 | 11.5 | 0.710 | 11.4 ^a | 16.2 ^a | 0.616 | 10.0 | 4.51 | 0.667 |
| IFN- γ | 33.2 ^a | 30.2 ^a | 0.338 | 24.9 ^a | 29.8 ^a | 0.954 | 22.5 | 39.3 | 1.000 |

^aMean value. Significant values are shown in bold.

TNF: tumour necrosis factor; IL: interleukin; IFN: interferon.