

## A madlib from a REAL doctor

1. Noun
2. Noun
3. Adverb
4. Noun
5. Adjective
6. Noun
7. Noun
8. Adjective
9. Noun
10. Noun
11. Adjective
12. Noun
13. Noun
14. Noun
15. Adjective
16. Noun
17. Noun
18. Noun
19. Noun
20. Adverb
21. Adverb
22. Adjective
23. Adjective

24. Adjective
25. Adjective
26. Adjective
27. Adverb
28. Adjective
29. Noun
30. Noun
31. Noun
32. Adjective
33. Adjective
34. Noun
35. Verb - Present Ends In Ing
36. Adverb
37. Adjective
38. Adverb
39. Adjective
40. Noun

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Extracorporeal \_\_\_\_\_ (Noun) (Noun) is a \_\_\_\_\_ (Adverb) used \_\_\_\_\_ (Noun) for either immunization against \_\_\_\_\_ (Adjective) T cell \_\_\_\_\_ (Noun) or immunosuppression of \_\_\_\_\_ (Noun) disease and organ transplant rejection (OTR). \_\_\_\_\_ (Adjective) \_\_\_\_\_ (Noun) is routed through a \_\_\_\_\_ (Noun), in which 8-methoxypsoralen is activated by \_\_\_\_\_ (Adjective) \_\_\_\_\_ (Noun) (Noun), thereby causing DNA crosslinks in processed \_\_\_\_\_ (Noun). Return of ECP-processed mononuclear leukocytes to the patient then modulates \_\_\_\_\_ (Adjective) T cell \_\_\_\_\_ (Noun). Since interaction with the ECP flow chamber induces monocyte-to-dendritic \_\_\_\_\_ (Noun) presenting cell (DC) \_\_\_\_\_ (Noun), we examined the possibility that \_\_\_\_\_ (Noun) may direct the most \_\_\_\_\_ (Adverb) exposed monocytes to differentiate into tolerogenic DC, while the \_\_\_\_\_ (Adverb) exposed DC might remain immunogenic. Expression of the \_\_\_\_\_ (Adjective) \_\_\_\_\_ (Adjective) \_\_\_\_\_ (Adjective) (Adjective) gene is a distinguishing marker of \_\_\_\_\_ (Adjective) DC.

We report that PUVA \_\_\_\_\_ (Adverb) stimulates \_\_\_\_\_ (Adjective) \_\_\_\_\_ (Noun). PUVA-exposed \_\_\_\_\_ (Noun) up-regulated \_\_\_\_\_ (Noun), down-regulated \_\_\_\_\_ (Adjective) CD80 and CD86, became resistant to Toll-like receptor-induced maturation, increased IL-10 production and decreased \_\_\_\_\_ (Adjective) \_\_\_\_\_ (Noun), all features of immunosuppressive DC. Knockdown of GILZ with siRNA reduced IL-10 and increased IL-12p70 production, \_\_\_\_\_ (Verb - Present ends in ING) that GILZ is critical for this profile. PUVA-induction of GILZ expression by DC may help explain how ECP suppresses GVHD and OTR. \_\_\_\_\_ (Adverb), those \_\_\_\_\_ (Adjective) monocytes \_\_\_\_\_ (Adverb) exposed to PUVA may mediate ECP's \_\_\_\_\_ (Adjective) \_\_\_\_\_ (Noun).

