

## A madlib from a REAL doctor

1. Noun
2. Noun
3. Adverb
4. Noun
5. Adjective
6. Noun
7. Noun
8. Adjective
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10. Noun
11. Adjective
12. Noun
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14. Noun
15. Adjective
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18. Noun
19. Noun
20. Adverb
21. Adverb
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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 \_\_\_\_\_ (\_\_\_\_\_) is a \_\_\_\_\_ used \_\_\_\_\_ for either immunization against \_\_\_\_\_ T cell \_\_\_\_\_ or immunosuppression of \_\_\_\_\_ disease and organ transplant rejection (OTR). \_\_\_\_\_ is routed through a \_\_\_\_\_, in which 8-methoxypsoralen is activated by \_\_\_\_\_ (\_\_\_\_\_), thereby causing DNA crosslinks in processed \_\_\_\_\_. Return of ECP-processed mononuclear leukocytes to the patient then modulates \_\_\_\_\_ T cell \_\_\_\_\_. Since interaction with the ECP flow chamber induces monocyte-to-dendritic \_\_\_\_\_ presenting cell (DC) \_\_\_\_\_, we examined the possibility that \_\_\_\_\_ may direct the most \_\_\_\_\_ exposed monocytes to differentiate into tolerogenic DC, while the \_\_\_\_\_ exposed DC might remain immunogenic. Expression of the \_\_\_\_\_ \_\_\_\_\_ (\_\_\_\_\_) gene is a distinguishing marker of \_\_\_\_\_ DC. We report that PUVA \_\_\_\_\_ stimulates \_\_\_\_\_. PUVA-exposed \_\_\_\_\_ up-regulated \_\_\_\_\_, down-regulated \_\_\_\_\_ CD80 and CD86, became resistant to Toll-like receptor-induced maturation, increased IL-10 production and decreased \_\_\_\_\_, all features of immunosuppressive DC. Knockdown of GILZ with siRNA reduced IL-10 and increased IL-12p70 production, \_\_\_\_\_ that GILZ is critical for this profile. PUVA-induction of GILZ expression by DC may help explain how ECP suppresses GVHD and OTR. \_\_\_\_\_, those \_\_\_\_\_ monocytes \_\_\_\_\_ exposed to PUVA may mediate ECP's \_\_\_\_\_. \_\_\_\_\_.

