

A madlib from a REAL doctor

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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 _____. _____.

