**Additional file 7: Table S6.** Panel of serum markers used to investigate changes associated with dendritic cell and tumor cell vaccines. Markers are organized by associated biological activity.

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| --- | --- | --- |
| Grouping | Subgroups | Markers |
| Growth factors | TGFbOther | BigH3 (TGFb-induced),LAP,TGFb1,TGFb2,TGFb3Activin A,bFGF,EGF,EGFR,HGFR,PDGFAA,PDGFAB,VEGF |
| Angiogenic factors | Pro-AngioVEGF FamAnti-angio | ANG1,Angiogenin,ANGPLT4VEGF,FEGFC,FEGFD,VEGFR1,VEGFR2,VEGFR3ANG2,Angiostatin |
| Tumor markers | MelanomaOther | GRO, GROa,S100b Galectin3, Ecadherin,PcadherinNSE,LDH,AFP,CA125,CA15-3,CA19-9,CEA,ErbB2,B2M,PD1 |
| Th1 | ModulatingSecreted | IL2,IL12,IL18, IL27,IFNgIL2,IFNg,TNFa,TNFb,FASL |
| Th2 | ModulatingSecreted | IL2,IL4,IL6IL1,IL3,IL4,IL5,IL6,IL10,IL13,IL25 |
| Th17 | ModulatingSecreted | TGFb1,IL1b,IL6,IL23,IL12p40IL17,IL17F,IL21,IL22,TNFa |
| Treg | ModulatingSecreted | TGFbTGFb,IL10,IL4 |
| NKT | ModulatingSecreted | IL2,IL12,IL15,IL18IL17,IL22,MIP-1,RANTES,TNFa |
| Macrophages | ModulatingSecreted ChemotaxisM1 stimulusM1responseM2 stimulusM2 response | GMCSF,MCSFIL1a,IL1b,IL6,IL8,IL10,IL12p40,IL12p70,IL18,IL23,IL27,MCSF,Rantes,TNFaMIF,GRO,GROa,VACM1IFNg,GMCSF,IL1b,IL6,TNFIL8,GCSF,MCSFIL15RA,IL2RA,IL6R,ICAM-1,IL6,IL8,GCSF,MCSFIL4,IL13,MCSFIL10,IL1R2,CD163,VEGF,TGFb1,IL1RA |
| Dendritic Cells | ModulatingSecreted | GMCSF,IFNg,IL4GMCSF,IL1a,IL1b,IL6,IL8,IL10,IL12,IL18,IL23,IL27,IP10, MCSF, RANTES, TGFb,TNFa |
| B cells | ModulatingSecreted | IL7,BAFFIgA,IgD,IgE,IgG1,IgG2,IgG3,IgG4,IgM |
| Eosinophils | ModulatingSecreted | GMCSF,IL3,IL5,Eotaxin,RANTES,MCP1IL1,IL2,IL4,IL5,IL6,IL8,IL13,TNFa |
| Inflammatory proteins | Acute PhaseOther | CRP,SAATNFRII,PAR,oncostatinM,gp130 |
| Tissue remodeling |  | OPG,PAI1,TIMP1,TIMP2,MMPI,MMP2,MMP9 |