

Supplementary Data

**Table S1; Corration between citrulline and DAO in CBT group**

		DAO					
		pre	day 0	day 7	day 14	day 21	day 28
CIT	cc.	0.215	-0.215	-0.124	0.249	0.229	0.211
	<i>p</i>	0.425	0.425	0.649	0.353	0.412	0.451

Abbreviation; cc., correlation coefficient

**Table S2; Corration between citrulline and DAO in autologous PBSCT group**

		DAO					
		pre	day 0	day 7	day 14	day 21	day 28
CIT	cc.	-0.149	-0.1	-0.16	0.157	-0.09	-0.262
	<i>p</i>	0.518	0.666	0.489	0.496	0.699	0.366

**Table S3; Correlation between citrulline levels and laboratory parameters in CBT group.**

		citrulline					
		pre	day 0	day 7	day 14	day 21	day 28
Trf	cc.	0.5	0.211	-0.284	0.218	-0.057	-0.178
	<i>p</i>	0.854	0.451	0.305	0.435	0.846	0.543
Ttr	cc.	0.289	-0.321	-0.221	0.115	0.018	-0.011
	<i>p</i>	0.278	0.243	0.428	0.672	0.95	0.97
RBP	cc.	0.374	0.078	-0.118	0.4	0.138	0.111
	<i>p</i>	0.153	0.774	0.675	0.884	0.624	0.694
Alb	cc.	0.435	0.193	0.097	0.293	0.143	0.061
	<i>p</i>	0.092	0.474	0.731	0.271	0.612	0.828
CRP	cc.	-0.506	-0.208	-0.044	-0.597	-0.319	-0.446
	<i>p</i>	0.054	0.441	0.871	0.015*	0.267	0.095
ANC	cc.	-0.524	0.509	0.538	0.389	0.589	0.657
	<i>p</i>	0.037*	0.044*	0.032*	0.137	0.021*	0.008*

Abbreviation; cc., correlation coefficient, Trf; transferrin, Ttr; transthyretin, RBP; retinol-binding protein, Alb; albumin, ANC; absolute neutrophil counts

\*: *p*<0.05

**Table S4; Correlation between DAO levels and laboratory parameters in CBT group.**

		DAO					
		pre	day 0	day 7	day 14	day 21	day 28
Trf	cc.	-0.305	-0.521	-0.446	0.003	-0.651	-0.525
	<i>p</i>	0.251	0.046	0.11	0.992	0.012*	0.054
Ttr	cc.	-0.261	-0.378	-0.096	0.484	0.279	-0.289
	<i>p</i>	0.329	0.148	0.732	0.057	0.314	0.296
RBP	cc.	-0.14	-0.258	-0.075	0.365	0.208	-0.071
	<i>p</i>	0.605	0.335	0.79	0.164	0.457	0.8
Alb	cc.	-0.016	-0.345	0.294	0.211	0.038	-0.126
	<i>p</i>	0.952	0.191	0.287	0.433	0.893	0.653
CRP	cc.	-0.105	-0.332	-0.259	-0.527	-0.004	0.125
	<i>p</i>	0.708	0.208	0.244	0.036*	0.998	0.657
ANC	cc.	-0.41	-0.168	-0.117	0.354	-0.021	0.329
	<i>p</i>	0.88	0.535	0.667	0.179	0.94	0.232

\*: *p*<0.05

**Table S5; Correlation between citrulline levels and laboratory parameters in autologous PBSCT group.**

		citrulline					
		pre	day 0	day 7	day 14	day 21	day 28
Trf	cc.	-0.165	0.302	-0.019	-0.047	0.233	0.306
	<i>p</i>	0.475	0.183	0.937	0.84	0.324	0.288
Ttr	cc.	-0.078	0.214	0.424	0.276	0	0.266
	<i>p</i>	0.732	0.351	0.062	0.226	1.000	0.358
RBP	cc.	0.092	0.383	0.531	0.307	0.02	0.427
	<i>p</i>	0.691	0.096	0.016	0.176	0.935	0.128
Alb	cc.	-0.054	0.024	0.463	0.561	0.306	0.525
	<i>p</i>	0.815	0.919	0.034	0.008*	0.19	0.054
CRP	cc.	-0.006	-0.046	-0.621	-0.265	-0.044	0.199
	<i>p</i>	0.98	0.844	0.003*	0.259	0.855	0.514
ANC	cc.	-0.238	0.186	0.118	-0.135	-0.108	-0.319
	<i>p</i>	0.3	0.42	0.61	0.559	0.65	0.267

\*:  $p < 0.05$ **Table S6; Correlation between DAO levels and laboratory parameters in autologous PBSCT group.**

		DAO					
		pre	day 0	day 7	day 14	day 21	day 28
Trf	cc.	0.263	-0.069	0.123	-0.058	0.148	0.029
	<i>p</i>	0.249	0.767	0.607	0.801	0.533	0.923
Ttr	cc.	0.277	-0.114	0.088	0.002	-0.197	-0.064
	<i>p</i>	0.225	0.622	0.712	0.993	0.405	0.829
RBP	cc.	0.241	0.218	-0.002	-0.256	-0.002	-0.145
	<i>p</i>	0.306	0.357	0.992	0.263	0.995	0.62
Alb	cc.	0.1	0.013	-0.112	-0.115	-0.332	0.027
	<i>p</i>	0.668	0.957	0.63	0.62	0.153	0.928
CRP	cc.	-0.009	-0.168	0.178	-0.038	-0.005	0.346
	<i>p</i>	0.97	0.466	0.44	0.875	0.982	0.247
ANC	cc.	0.301	0.123	-0.257	-0.023	-0.308	0.363
	<i>p</i>	0.184	0.594	0.262	0.92	0.186	0.203