

Supplementary Table S5. Completed clinical trials in IBD with systemic MSC-based therapy (listed in chronological order)

Clinical Trial Identifier	Clinical Phase	Source	Registration year	Country	IBD patients	MHC context	Route of administration	Cells/kg of Body Weight; Number of Doses	Number of IBD Patients Enrolled	Follow-Up (Months)	Publication (Year)	Included Control Group	Age range (years)
NCT00294112	II	BM	2006	USA	Refractory CD patients	Allogeneic	IV	-2x10 ⁶ /Kg, 2 doses =4 x 10 ⁶ -8x10 ⁶ /Kg, 2 doses=16 x 10 ⁶ weekly	10	1 month	Not published	No	18-70
NCT00543374	III	BM	2007	USA	Refractory CD patients	Allogeneic	IV	-6 x 10 ⁸ cells, in 4 doses in two weeks -12 x 10 ⁸ cell in 4 doses in two weeks	98	6 months	Not published	Yes	18-70
NCT00482092	III	BM	2007	USA	Refractory CD patients	Allogeneic	IV	-6 x 10 ⁸ cells, in 4 doses in two weeks -12 x 10 ⁸ cell in 4 doses in two weeks	330	1 month	Not published	Yes	18-70
NTR1360	I	BM	2008	The Netherlands	Refractory CD patients	Autologous	IV	1-2x10 ⁶ /Kg, 2 doses over two weeks= 2-4x10 ⁶ /Kg	10	3.5 months	2010 (206)	No	1-42
NCT01233960	III	BM	2010	USA	Refractory CD patients	Allogeneic	IV	-2x10 ⁸ , 12 doses= 24x10 ⁸ every 6 weeks	73	6 months	Not published	No	18-70
NCT01090817	II	BM	2010	Australia	Refractory CD patients	Allogeneic	IV	2x10 ⁶ /Kg, 4 doses weekly=8x10 ⁶	21	1.5 months	2014 (207)	No	18-55
NCT01155362	IIa	Placenta	2010	USA	Refractory CD patients	Allogeneic	IV	-1.5x10 ⁸ , 2 doses=3x10 ⁸ -6x10 ⁸ , 2 doses, 12x10 ⁸ -12x10 ⁸ , 2 doses=24x10 ⁸	50	1.5 months	2015 (208)	Yes	18-75
NCT01221428	I/II	UC	2010	China	ASA-treated moderate to severe UC patients	Allogeneic	IV + IA	2.3–4.7×10 ⁷ IV & 1.5×10 ⁷ IA one week later = 40x10 ⁷	80	2 years	2016 (17)	Yes	18-70
NCT01540292	I/II	BM	2012	Belgium	Refractory CD patients	Allogeneic	IV	1.5-2x10 ⁶ /Kg, 2 doses=3-4x10 ⁶ /Kg	13	12 months	2018 (209)	No	18-75
NCT01659762	I	BM	2012	USA	Refractory CD patients	Autologous	IV	-2x10 ⁶ /Kg, 1 dose -5x10 ⁶ /Kg, 1 dose -10x10 ⁶ /Kg, 1 dose	16	3 months	2016 (65)	No	18-65
NCT02150551	Pilot/I Phase	BM	2015	USA	Refractory CD or UC paediatric patients	Allogeneic	IV	1x10 ⁶ /Kg, 4 doses weekly=4x10 ⁶ /Kg	1	24 months	Not published	No	12-22
NCT02445547	I/II	UC	2015	China	CD patients	Allogeneic	IV	1x10 ⁶ /Kg, 4 doses= 4x10 ⁶ /Kg	41	12 months	2018 (210)	No	18-70