

**Table I. Summary of transplanted mice**

	Mouse No.	Time to CML/ALL (d)	Leukocyte peak (1000/ $\mu$ l)	Imatinib (mg bid)	Treatment begin (d)	Response duration (d)	Overall survival (d)	Primary phenotype	Resistant phenotype	Disease manifestation
Primary Transplantation	I.	11	>100	-	-	-	11	CML	-	PB, spleen, BM
	II.	15	98	-	-	-	15	CML	-	PB, spleen, BM
	III.	12	>100	-	-	-	12	CML	-	PB, spleen, BM
	IV.	13	>100	-	-	-	13	CML	-	PB, spleen, BM
Secondary Transplantation - Imatinib treated	I.1	21	71	1	22	24	49	CML	ALL	ND
	I.2	20	68	1	20	23	56	CML	ALL	ND
	I.3	23	23	1	23	24	57	CML	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.4	41	480	1	45	24	84	CML	CML	PB, spleen, BM
	I.5	21	95	1	22	13	43	CML	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.6	20	100	1	21	22	59	CML	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.7	28	30	1	29	28	65	CML	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.8	22	380	1	29	4	43	CML	CML	PB, spleen, BM
	I.9	20	120	1	22	24	59	CML	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.10	NA	NA	-	-	-	3	ND	-	mouse died early - not analysed
Secondary Transplantation - no treatment	I.11	23	>100	-	-	-	27	CML	-	PB, spleen, BM
	I.12	25	>100	-	-	-	30	CML	-	PB, spleen, BM
	I.13	21	>100	-	-	-	25	CML	-	PB, spleen, BM
	I.14	22	>100	-	-	-	25	CML	-	PB, spleen, BM
	I.15	26	>100	-	-	-	29	CML	-	PB, spleen, BM
Tertiary Transplantation I	I.8.1	47	72	1	60	17	83	CML	CML	PB, spleen, BM
	I.8.2	50	180	1	52	8	65	CML	ALL	ND
	I.8.3	ND	16	1	80	-	94	ALL	ALL	ND
	I.8.4	63	46	1	12	-	68	ALL	B-/T-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.8.5	ND	12	1	12	-	690	No disease	No disease	
	I.8.6	ND	14	1	12	-	175	ALL	ALL	spleen, LK, BM, PB
Tertiary Transplantation II	I.3.1	9	ND	1	6	-	15	B-ALL	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.3.2	10	ND	2	6	-	20	B-ALL	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.3.3	11	ND	4	6	-	20	B-ALL	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.9.1	9	ND	1	6	-	15	B-ALL	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.9.2	8	ND	2	6	-	13	B-ALL	B-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.9.3	10	ND	4	6	-	16	B-ALL	B-ALL	spleen, LK, BM, PB, paraspinal tumor
Quaternary Transplantation	I.8.4.1	8	37	-	-	-	13	T-/B-ALL	-	spleen, LK, BM, PB, paraspinal tumor
	I.8.4.2	8	ND	-	-	-	31	T-/B-ALL	-	spleen, LK, BM, PB, paraspinal tumor
	I.8.4.3	8	ND	1	2	-	20	B-/T-ALL	B-/T-ALL	spleen, LK, BM, PB, paraspinal tumor
	I.8.4.4	8	ND	1	2	-	20	B-ALL	B-ALL	spleen, LK, BM, PB, paraspinal tumor

CML - chronic myeloid leukemia

ALL - acute lymphoblastic leukemia

ND - not done

LK - lymph node

BM - bone marrow

PB - peripheral blood