ESM Tab. 1: Clinical Study 1, an observational study with the main objective of assessing the association between diabetes mellitus and nerve rarefaction in the bone marrow.

	Controls	Diabetics	
	(N=49)	(N=94)	p-value
Age (years)	68.0±11.1	63.8±8.8	0.014
Sex (males) $(n,\%)^*$	29 (59)	76 (81)	0.005
Body Mass Index (kg/m <sup>2</sup> )	26.4±3.0	30.4±5.5	< 0.001
Fasting glucose (mmol/l)	4.9±05	8.4±2.9	<0.001
HbA1c (%) (mmol/mol)	4.9±0.5 (30±5.5)	7.8±1.7 (62±18.6)	<0.001

Data are presented as mean $\pm$ SD. <sup>\*</sup>(n,%) number and percentage of males.