

DATA SUPPLEMENT

Differential Changes in End Organ Immune Cells and Inflammation in Salt-Sensitive Hypertension: Effects of Increasing M2 Macrophages

Authors and Affiliations

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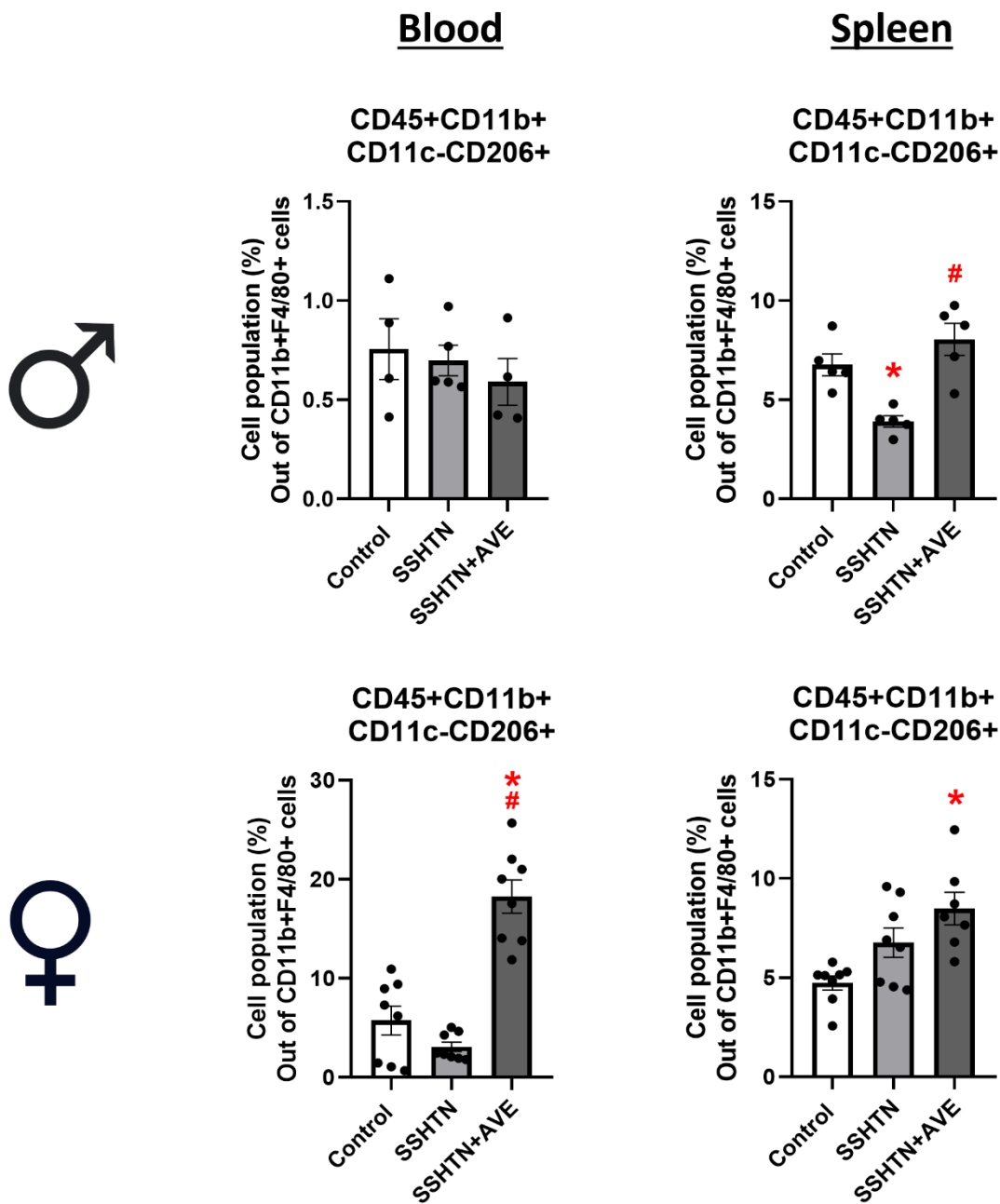
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Competing Interests

The authors declare that there are no competing interests associated with the manuscript.



Supplemental Figure 1. AVE0991 treatment mostly increased M2 macrophages in the blood and spleens of male and female mice with SSHTN. Flow cytometric data examining renal populations of M2 macrophages in control, SSHTN, and SSHTN+AVE male and female mice. Each cell population is shown as a percentage of its respective parent population. Results are presented as mean \pm SEM and statistical analyses were performed with one-way ANOVA ($n=4-6$ per group). * $P<0.05$ vs control mice and # $P<0.05$ vs SSHTN mice.

Online Table 1. Flow cytometry antibody panel descriptions for mouse kidneys and gonads.

Innate Immune Cells					
Fluorochrome	BV421	FITC	APC	BV480	BV785
Antigen	CD45.2	CD11b	CD11c	F4/80	CD206
Final Conc (µg/mL)	2 (kidney & ovary) 4 (testis)	5 (kidney & ovary) 10 (testis)	2 (kidney & ovary) 4 (testis)		
Dilution Factor	1:100 (kidney & ovary) 1:50 (testis)				
Clone	104	M1/70	N418	T45-2342	C068C2
Manufacturer	BD	BioLegend	BioLegend	BD	BioLegend
Natural Killer Cells					
Fluorochrome	Pacific Blue		BV570	APC-Fire810	
Antigen	CD3e		CD161	CD19	
Final Conc (µg/mL)	2 (kidney & ovary) 4 (testis)		1.5 (kidney & ovary) 3 (testis)	2 (kidney & ovary) 4 (testis)	
Dilution Factor	1:100 (kidney & ovary) 1:50 (testis)				
Clone	500A2		PK136	6D5	
Manufacturer	BD		BioLegend	BioLegend	
CD4-Lineage T Cells					
Fluorochrome	PE-Vio615			PE-Cy7	
Antigen	CD4			CD25	
Final Conc (µg/mL)	1.5 (kidney & ovary) 3 (testis)			2 (kidney & ovary) 4 (testis)	
Dilution Factor	1:100 (kidney & ovary) 1:50 (testis)				
Clone	REA1211			PC61	
Manufacturer	BioLegend			BioLegend	
CD4-Lineage T Cells (Intracellular)					
Fluorochrome	BV605	BV711	AlexaFluor 700	PerCP-eFluor710	APC-Cy7
Antigen	IFNγ	IL4	FoxP3	TNFα	IL17a
Final Conc (µg/mL)	2 (kidney & ovary) 4 (testis)				
Dilution Factor	1:100 (kidney & ovary) 1:50 (testis)				
Clone	XMG1.2	11B11	FJK-16s	MP6-XT22	TC11-18H10.1
Manufacturer	BioLegend	BioLegend	eBioscience	eBioscience	BioLegend
Viability					
Fluorochrome	Zombie UV				
Dilution Factor	1:200 (all tissues)				

Manufacturer	BioLegend
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Abbreviations: APC = allophycocyanin; BV = brilliant violet; FITC = fluorescein isothiocyanate; PE = phycoerythrin; PerCP-Cy7 = peridinin chlorophyll protein complex cyanine 7