

Dietary capsaicin preserves CGRP peptidergic DRG neurons in experimental diabetic peripheral neuropathy

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Table S1 Fluorescence intensity of TRPV1 and CGRP in DRG and spinal cord [n = 6; Mean (SD)]

	TRPV1				CGRP			
	Ctrl	Ctrl+Cap	Db	Db+Cap	Ctrl	Ctrl+Cap	Db	Db+Cap
DRG	4180.65 (155.13)	5075.67* (176.02)	2609.31* (133.87)	3944.33*& (59.91)	3603.38 (95.69)	4763.67* (175.57)	2190.00* (205.51)	3258.00*& (137.70)
SC	5735.30 (102.84)	7198.00* (171.19)	3598.36* (264.48)	5032.00*& (163.45)	5051.33 (149.23)	6855.00* (127.49)	2938.38* (56.24)	4708.65*& (138.59)

Ctrl = control; Ctrl+Cap = non-diabetic animals treated with capsaicin; Db = diabetic; Db+Cap = diabetic animals treated with capsaicin; DRG = dorsal root ganglia; SC = spinal cord; * = $p < 0.05$, compared with control; & = $p < 0.05$, compared with diabetic

Table S2 Proportion of small neurons of TRPV1⁺/TRPV1⁻ in the DRG [n = 6; Mean (SD)]

TRPV1 ⁺ /TOSN				TRPV1 ⁻ /TOSN			
Ctrl	Ctrl+Cap	Db	Db+Cap	Ctrl	Ctrl+Cap	Db	Db+Cap
15.6(2.6)	19.2(2.6)*	11.0(2.1)*	15.7(1.6)&#	84.4(2.6)	80.8(2.6)*	89.0(2.1)*	84.3(1.6)&#

TRPV1⁺ = small neurons immunoreactive for TRPV1; TRPV1⁻ = small neurons not immunoreactive for TRPV1; TOSM = total small neurons observed; Ctrl = control; Ctrl+Cap = non-diabetic animals treated with capsaicin; Db = diabetic animals; Db+Cap = diabetic animals treated with capsaicin; DRG = dorsal root ganglia; * = $p < 0.05$, compared with control; & = $p < 0.05$, compared with diabetic; # = $p < 0.05$, compared with Ctrl+Cap

Table S3 Proportion of small neurons of CGRP⁺/CGRP⁻ in the DRG [n = 6; Mean (SD)]

CGRP ⁺ /TON				CGRP ⁻ /TON			
Ctrl	Ctrl+Cap	Db	Db+Cap	Ctrl	Ctrl+Cap	Db	Db+Cap
21(4.2)	22.7(2.6)	16.2(0.6)*	18.6(2.4)&#	79.0(4.2)	77.3(2.6)	83.8(0.6)*	81.4(2.4)&#

CGRP⁺ = small neurons immunoreactive for CGRP; CGRP⁻ = small neurons not immunoreactive for CGRP; TOSM = total small neurons observed; Ctrl = control; Ctrl+Cap = non-diabetic animals treated with capsaicin; Db = diabetic animals; Db+Cap = diabetic animals treated with capsaicin; DRG = dorsal root ganglia; * = $p < 0.05$, compared with control; & = $p < 0.05$, compared with diabetic; # = $p < 0.05$, compared with Ctrl+Cap