

Supporting information:

Synergistic effect of a flavonoid-rich cocoa–carob blend and metformin in preserving pancreatic beta cells in Zucker diabetic fatty rats

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***Supplementary Table S1.- Biochemical parameters** of Zucker lean rats (ZL); Zucker diabetic rats (ZDF); Zucker diabetic rats treated with metformin (ZDF (M)); Zucker diabetic rats fed with a CCB-rich diet (ZDF (CCB)), and Zucker diabetic rats treated with metformin and fed with a CCB-rich diet (ZDF (CCB+M)). Data represent the means \pm SD of 6-8 animals. Means in a row without a common letter differ; $p < 0.05$.

	<i>ZL</i>	<i>ZDF</i>	<i>ZDF (M)</i>	<i>ZDF (CCB)</i>	<i>ZDF (CCB+M)</i>
Final body weight (g)	377 \pm 17 ^a	3930 \pm 13 ^b	423 \pm 38 ^c	384 \pm 26 ^c	411 \pm 30 ^a
Fasting glucose levels (mg/dL)	93.5 \pm 14.3 ^a	290.0 \pm 32.7 ^b	173.3 \pm 16.9 ^c	182.6 \pm 19.0 ^c	122.6 \pm 16.0 ^a
HbA1c (%)	4.8 \pm 1.5 ^a	19.3 \pm 3.2 ^b	5.3 \pm 2.0 ^a	14.3 \pm 2.0 ^c	4.6 \pm 2.0 ^a
Insulinemia (ng/dL)	0.45 \pm 0.08 ^a	0.37 \pm 0.06 ^b	0.53 \pm 0.09 ^b	0.51 \pm 0.08 ^b	0.49 \pm 0.10 ^b
HOMA-IR	2.2 \pm 0.4 ^a	8.7 \pm 1.8 ^b	4.8 \pm 1.0 ^c	4.4 \pm 0.9 ^c	5.2 \pm 1.6 ^c
HOMA-B	189.2 \pm 14.8 ^a	17.6 \pm 5.1 ^b	48.8 \pm 13.2 ^c	52.7 \pm 13.3 ^c	63.8 \pm 12.3 ^d

*Data obtained from *García-Díez et al, Antioxidants 2022, 11, 432*

“García-Díez, E.; López-Oliva, M.E.; Caro-Vadillo, A.; Pérez-Vizcaíno, F.; Pérez-Jiménez, J.; Ramos, S.; Martín, M.Á. Supplementation with a Cocoa–Carob Blend, Alone or in Combination with Metformin, Attenuates Diabetic Cardiomyopathy, Cardiac Oxidative Stress and Inflammation in Zucker Diabetic Rats. *Antioxidants* **2022**, 11, 432.