SUPPLEMENTARY MATERIAL

Effect on Adipose Tissue of Diabetic Mice Supplemented with *n-3* Fatty Acids Extracted from Microalgae

Laura E. Gutiérrez-Pliego[1], Beatriz E. Martínez-Carrillo[1], Aldo A. Reséndiz-Albor[2] and Roxana Valdés-Ramos[1, *]

[1]School of Medicine, Universidad Autónoma del Estado de México. Paseo Tollocan y Venustiano Carranza s/n, Col. Moderna de la Cruz, 50180 Toluca, Mex. Mexico; [2]Laboratory of Mucosal Immunity, Research and Graduate Section, Superior School of Medicine, Instituto Politécnico Nacional. Av. Plan de San Luis s/n, Col. Casco de Santo Tomás, Miguel Hidalgo 11350. Ciudad de Mexico. Mexico

Supplementary Table 1. Nutrient composition of study groups' diet.

	RC	MD	LY	CO
Protein, *%*	23.9	23.9	23.9	23.9
Starch, *%*	31.9	31.9	31.9	31.9
Glucose, *%*	0.22	0.22	0.22	0.22
Fiber (crude), *%*	5.10	5.10	5.10	5.10
Cholesterol, *ppm*	200	200	200	200
EPA + DHA, *%*	0.2	2.0	0.2	0.2
Metabolizable Energy, *kcal/g*	3.02	3.07	3.02	3.02
Additional energy from supplement, kcal/mg	0	0	0.09	0.09

RC, LY & CO consumed Rodent Laboratory Chow 5001 from Purina [3.02 kcal/g]. Lyofilized n-3 fatty acids from microalgae were delivered by oral gavage and doses were adjusted by weight at 1mg/g for the LY group. Coconut oil was delivered by oral gavage and doses were adjusted by weight at 1mg/g for the CO group.MD consumed Rodent Laboratory Chow 5001 from Purina [3.02 kcal/g] modified with 2.0% n-3 EPA & DHA meaning 10x of the original content.

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