

Supplementary Data

LDL Density and Oxidation are Modulated by PON1 Promoter Genotype in Patients with Alzheimer's Disease

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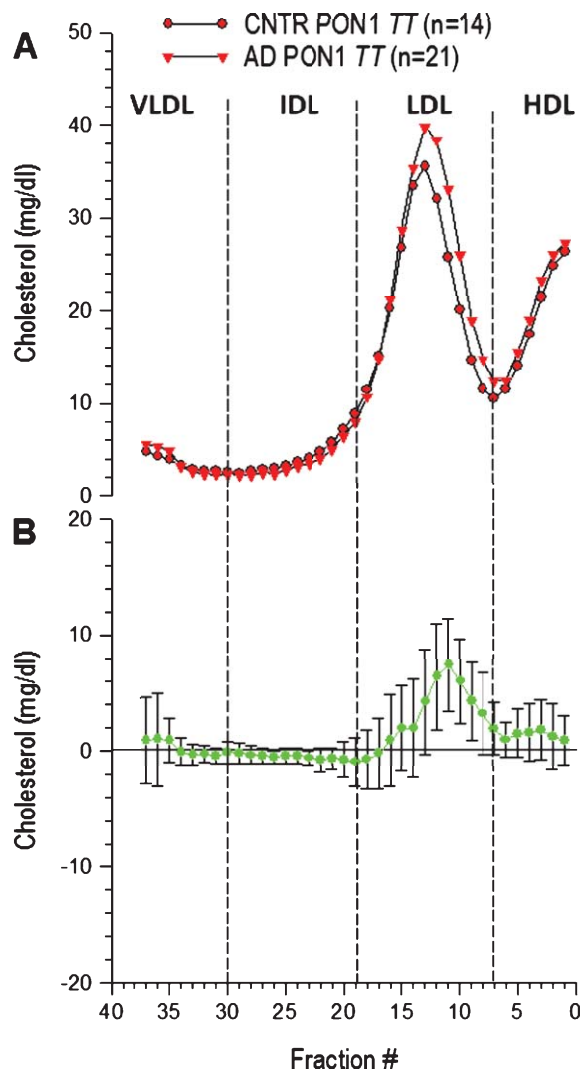


Figure 1. A) Cholesterol distribution profile among different lipoproteins in Alzheimer's disease (AD) patients and controls with PON1 -107 TT genotype (controls red circles, AD patients red triangles). B) Mean difference profile of cholesterol content of each lipoprotein sub-fraction between the two PON1 genotypes: values were obtained by subtracting cholesterol in each single fraction of the control group from the corresponding fraction of the AD patients. Cholesterol profile was compared by calculating the mean and 95% confidence intervals (green circles and black bars respectively) of the difference between groups for each fraction. VLDL, very low density lipoproteins; IDL, intermediate density lipoproteins; LDL, low density lipoproteins; HDL, high density lipoproteins.

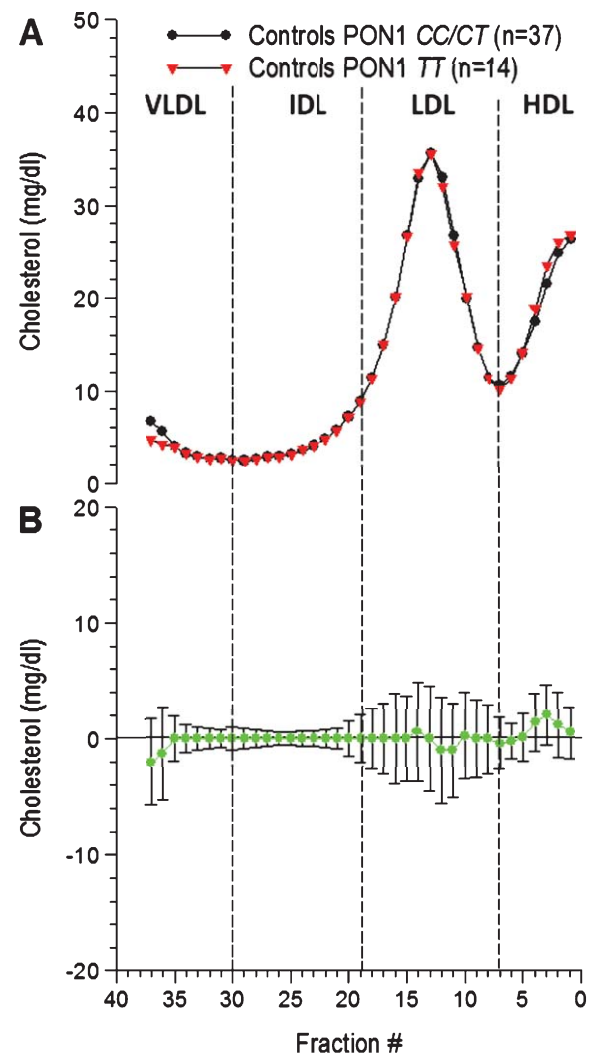


Figure 2. A) Cholesterol distribution profile among different lipoproteins in controls according to their PON1 -107 C/T polymorphism (controls PON1 CC/CT black circles, controls PON1 TT red triangles). B) Mean difference profile of cholesterol content of each lipoprotein sub fraction between the two PON1 genotypes: values were obtained by subtracting cholesterol in each single fraction of the CC/CT group from the corresponding fraction of the TT group. Cholesterol profile was compared by calculating the mean and 95% confidence intervals (green circles and black bars respectively) of the difference between groups for each fraction. VLDL, very low density lipoproteins; IDL, intermediate density lipoproteins; LDL, low density lipoproteins; HDL, high density lipoproteins.