

Supplementary material

Table S1. Statistical significance of ELISA assay among the different reproductive age groups.

Ovaries									
P values	CB ₁	CB ₂	GPR55	TRPV1	NAPE-PLD	FAAH	DAGL- α	DAGL- β	MAGL
P < 0.05	-	PR <i>vs</i> Ad	-	PrP <i>vs</i> Ad	LR <i>vs</i> PR	PrP <i>vs</i> Ad	-	-	-
P < 0.01	Ad <i>vs</i> PR	LR <i>vs</i> PR	-	-	PrP <i>vs</i> Ad	PR <i>vs</i> Ad Ad <i>vs</i> LR	-	Ad <i>vs</i> LR PrP <i>vs</i> Ad	-
P < 0.001	PrP <i>vs</i> Ad	LR <i>vs</i> Ad	-	PR <i>vs</i> PrP	LR <i>vs</i> Ad	PR <i>vs</i> Ad	-	PR <i>vs</i> Ad	-
	PrP <i>vs</i> PR			PR <i>vs</i> Ad		PR <i>vs</i> Ad			
	LR <i>vs</i> PR	PR <i>vs</i> LR			PR <i>vs</i> PrP				
	LR <i>vs</i> Ad	LR <i>vs</i> PrP							
LR <i>vs</i> PrP	PR <i>vs</i> Ad			PR <i>vs</i> PrP	PR <i>vs</i> Ad				
Oviducts									
P values	CB ₁	CB ₂	GPR55	TRPV1	NAPE-PLD	FAAH	DAGL- α	DAGL- β	MAGL
P < 0.05	-	PR <i>vs</i> Ad	Ad <i>vs</i> LR PR <i>vs</i> Ad	-	PrP <i>vs</i> PR LR <i>vs</i> Ad LR <i>vs</i> PR	-	-	PrP <i>vs</i> Ad	-
P < 0.01	LR <i>vs</i> PrP	LR <i>vs</i> Ad	-	-	PrP <i>vs</i> Ad	-	-	PR <i>vs</i> PrP	-
P < 0.001	LR <i>vs</i> Ad LR <i>vs</i> PR	PrP <i>vs</i> Ad	PR <i>vs</i> LR	PR <i>vs</i> PrP	-	-	PrP <i>vs</i> Ad	PR <i>vs</i> Ad	PrP <i>vs</i> Ad
	PrP <i>vs</i> Ad	PrP <i>vs</i> LR	PrP <i>vs</i> LR	PR <i>vs</i> Ad			PrP <i>vs</i> LR	PR <i>vs</i> LR	PrP <i>vs</i> LR
	PrP <i>vs</i> PR	PrP <i>vs</i> PR		PR <i>vs</i> LR			PrP <i>vs</i> PR	PrP <i>vs</i> Ad	PrP <i>vs</i> PR
Uteri									
P values	CB ₁	CB ₂	GPR55	TRPV1	NAPE-PLD	FAAH	DAGL- α	DAGL- β	MAGL
P < 0.05	-	-	PR <i>vs</i> PrP PR <i>vs</i> Ad PR <i>vs</i> LR	-	LR <i>vs</i> PrP LR <i>vs</i> PR	PrP <i>vs</i> Ad PR <i>vs</i> LR	-	-	-
P < 0.01	PrP <i>vs</i> PR	-	-	-	LR <i>vs</i> Ad	LR <i>vs</i> Ad PR <i>vs</i> PrP	PR <i>vs</i> Ad	PrP <i>vs</i> Ad LR <i>vs</i> Ad PR <i>vs</i> Ad	-
P < 0.001	PrP <i>vs</i> LR Ad <i>vs</i> PrP	PrP <i>vs</i> Ad	-	-	-	PR <i>vs</i> Ad	PrP <i>vs</i> Ad	-	-
	Ad <i>vs</i> LR	PrP <i>vs</i> LR							
	Ad <i>vs</i> PR	PrP <i>vs</i> PR							

Abbreviations: Ad, adult; CB₁, cannabinoid receptor type 1; CB₂, cannabinoid receptor type 2; DAGL- α and - β , diacylglycerol lipases α and β ; FAAH, fatty acid amide hydrolase; GPR55, G-protein coupled receptor 55; LR, late-reproductive; MAGL, monoacylglycerol lipase NAPE-PLD, *N*-acylphosphatidylethanolamines-specific phospholipase D PR, post-reproductive; PrP, prepubertal; TRPV1, transient receptor potential vanilloid type 1 channel.