

March 2018

**PCPT Biologic Data Generated to Date**

Blood	
PSA	Annually measured at central facility
Cholesterol	All
Tocopherols	P01
Carotenoids	P01
Fatty acids	
Selenium	P01
Testosterone, 3-alpha-diol G, SHBG	P01
Estrone/Estradiole	P01
Androstenedione	Subset of P01
IGF1, IGF2, IGFBP2, IGFBP2	P01
Oxidized proteins	P01
Vitamin D	P01
HHV-8, CMV, HPV, T-vaginalis antibodies	P01
Candidate SNP Genotyping**	P01 and additional patients with prostate cancer endpoint
Tissue	
N cores positive, linear extent, bilaterality, perineural invasion	Prostate cancers
Measures of inflammation and atrophy	P01
Ki-67 % +, Casp3 % +, p-Akt H score, p-eIF-4E H score	Subset of P01 cases sampled from extremes of serum IGF distribution
<p>P01 = Participants on the PCPT P01 case-control study  ** Gene pathways include: steroid metabolic genes, androgen and estrogen pathways; IGF axis; insulin metabolism genes; inflammation genes; oxidative stress and DNA repair; vitamin D pathway; circadian rhythm pathway.</p>	

**Available GWAS data**

	<b>PCPT</b>
<b>PRACTICAL/ELLIPSE</b>	
Prostate Cancer (any)	1151
Gleason 7+ cases	296
Program project (P01) controls	1233
Other non-cases (total)	0
Also in African American GWAS	147
Colorectal cancer death	NA