

Karolinska  
Institutet

**Metallothionein sequesters heavy metals**

**Heavy metals cause DNA Methylation**

Group	Tissue sample	N	Sex		Average age (years)	Smoker		
			Male	Female		now	prev.	never
Cluster Headache (CH)	Blood	16	14	2	45.3	2	9	5
	CSF	13	11	2	47.0	9	2	0
Healthy control (Ctl)	Blood	16	9	6	35.5	0	2	13
	CSF	13	-	-	-	-	-	-

