

Study Name: A Genotype-Phenotype Urothelial Cancer Study **Institution:** Memorial Sloan-Kettering Cancer Center

Principal Investigators: Drs. Dean Bajorin/Kenneth Offit **Institution address:**
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Key References: None as yet **Additional researchers:** Drs. Mia Gaudet, David Gallagher, Robert Hamilton

Study Design: Hospital Based
Case-control

Matching factors: Age, sex, race

Country: USA

ICD-0-3 morphology codes: all
below codes

Follow up of cases? Yes

Expected time of follow-up?
1yr questionnaire; on-going clinical

Urinary Bladder ICD-0-3 morphology codes: Transitional cell carcinoma (81203); Papillary carcinoma (81303); Squamous cell carcinoma (80703); Adenocarcinoma (81403); Leiomyosarcoma (88903);

	Cases	Controls
Years of enrollment	May 2009-present	May 2009-present
Source population	MSKCC oncology and urology outpatient clinics	Genetically unrelated people accompanying cases to clinic; patients presenting to MSKCC clinics without any cancer history
Response rate (enrolled/eligible)	NA	NA
Total number enrolled	840	344
Subjects with DNA	840	344
Ethnic origin	Mixed	Mixed
Age: mean (range)	68 (22-96)	62 (23-88)
Gender: % males	76%	31%

Questionnaire data	Cases	Controls
Demographics (age, sex, ethnicity, region, education etc..)	X	X
Active smoking	X	X
Passive smoking	X	X
Occupational exposures	X	X
Residential history		
Water chlorination byproducts		
Arsenic exposure		
Other environmental exposures		
Hair dye use	X	X
Drug use	X	X
Medical History	X	X-partial
Family History	X	
Quality of life		
Diet/nutrition		
Caffeine intake	X	X
Fluid intake	X	X
Urine pH measurements		
Other information, please specify		

Biological Samples

Cases

Controls

Blood DNA		
Buccal DNA	X	X
Serum/plasma		
Cryopreserved whole blood / lymphocytes		
Red blood cells		
Urine samples		
Toenail clippings		
Others, please specify		
Paraffin tissue blocks	X	
Frozen tissue	X (some)	

For Cases Only

Note : Approximately half of our patients are classified as superficial disease, and some more data is collected on them (indicated by "S" below)

Information at time of diagnosis

Histological confirmation	X
Number of tumors	
Tumor site	X
Tumor size	
Tumor grade	X
Growth pattern	
Treatment of primary tumor	X
Stage	X
Other information, please specify	

Follow-up information

Treatment information	X
Tumor recurrence	X
Tumor progression	S
Survival	X
Histological confirmation	S
Number of tumors	X
Tumor site	X
Tumor size	S
Tumor grade	S
Growth pattern	S
Stage	S
Active smoking	X
Occupational exposures	
Drug use	
Medical History	X
Quality of life	
Caffeine intake	
Fluid intake	
Other information , please specify	