

**Study Name:**  
French Bladder Cancer Study (FBCS)

**Institution:**  
INSERM U794 and CNRS FRE2939

Institut Gustave Roussy, Villejuif France

**Principal Investigators:**  
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**Key References:**  
Benhamou S. et al. Mutagenesis. 2003 Sep;18(5):445-8

**Additional researchers:**  
Stefan Michiels (DBS)  
Thomas Boulet (DBS)  
Philippe Dessen (CNRS)

**Study Design:** Hospital-based case control

**Matching factors:** Age, gender and hospital

**Country:** France

**ICD-0-3 morphology codes:** 81203

**Follow up of cases:** Yes  
(but not for all cases)

**Expected time of follow-up:** 60 months

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

	Cases	Controls
<b>Years of enrollment</b>	1997-2001	1997-2001
<b>Source population</b>	3 general hospitals in Paris	3 general hospitals in Paris
<b>Response rate (enrolled/eligible)</b>	95%	95%
<b>Total number enrolled</b>	201	322
<b>Subjects with DNA</b>	195	320
<b>Ethnic origin</b>	100% Caucasian	100% Caucasian
<b>Age: mean (range)</b>	66 (30-89)	67 (34-92)
<b>Gender: % males</b>	84%	85%

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

Biological Samples	Cases	Controls
Blood DNA	x	x
Buccal DNA	-	-
Serum/plasma	-	-
Cryopreserved whole blood / lymphocytes	-	-

Red blood cells	-	-
Urine samples	-	-
Toenail clippings	-	-
Others, please specify	-	-
Paraffin tissue blocks	X	
Frozen tissue	-	

For Cases Only

#### Information at time of diagnosis

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