|  |
| --- |
| LogoGenerique |
| **questionnaire about risks at work** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DATE (dd/mm/yyyy) |  | UPDATES | | |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| FAMILY NAME | | First name: | |
| Work address: | | | |
| unit: | | TEAM: | |
| Building: | Floor: | | Room (s): |
| Tel.: | | Email: | |

|  |  |  |  |
| --- | --- | --- | --- |
| catEgorY | | STATUS | |
| RESEARCHER |  | TENURED CIVIL SERVANT |  |
| ENGINEER |  | INTERN CIVIL SERVANT |  |
| TECHNICIAN |  | FIXED-TERM CONTRACT |  |
| ADMINISTRATIVE |  | TEMPORARY WORKER |  |
| GRADUATE STUDENT |  | OTHER (specify) : |  |
| POST-DOTORAL FELLOW |  |  | |
| OTHER (specify): |  |
|  | |

**RESEARCH AREA(S) AND TECHNIQUE(S) USED**

|  |
| --- |
|  |

**PRIOR EXPOSURE(S)**

|  |  |  |  |
| --- | --- | --- | --- |
| Asbestos |  | Other (specify): |  |
| Aromatic amines |  |  | |
| Arsenic and derivatives |  |
| Benzene |  |
| Bis-chloromethylether |  |
| Vinyl chloride |  |
| Chromium |  |
| Petroleum-derived mineral oils |  |
| Nickel |  |
| Nitrosoguanidines |  |
| Iron oxide |  |
| Wood dust |  |
| Ionising radiation |  |

**"USER" INSTRUCTIONS**

This questionnaire is designed to determine your risks and working conditions in a consultation with the Prevention Physician, with a view to tailoring your medical surveillance.

If you find it difficult to answer any items, bring them up with the physician at the beginning of the consultation.

To fill in this questionnaire:

* Tick the working conditions that apply to you directly or indirectly as well as any toxic products you are exposed to.
* This will be updated at every medical visit. This information should be amended if you are no longer being exposed to a risk or if you are being exposed back to a risk.

**QUESTIONNAIRE**

**1/ OCCUPATIONAL BACKGROUND**

**1-1/ USUAL WORKING SITUATIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| Air-conditioning |  | Stressful postures |  |
| Noisy environment |  | Work in blind premises |  |
| Driving |  | Meticulous work |  |
| Contact with patients |  | Hot and/or damp working environment |  |
| Frequent contact with the general public |  | Work in a cold environment or cold room |  |
| Repetitive movements |  | Animal house |  |
| Handling of biological waste |  | Washroom |  |
| Handling of chemical waste |  | Solitary work |  |
| Handling of radioactive waste |  | In front of a screen >4 hours |  |
| Warehousing, heavy loads |  | Work with composite materials (plastics, resins, etc.) |  |
| Trips abroad |  | Other (specify): |  |
|  |  |  | |

**1-2/ MATERIALS AND INSTRUMENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| Aerosol generators |  | Inflammable gas |  |
| Machines that vibrate |  | HPLC |  |
| High-pressure machines (autoclave, etc.) |  | Sharp instruments |  |
| Glove box |  | Electron microscope |  |
| Mobile sensor (e.g. "Boa") |  | Light microscope |  |
| Centrifugation |  | Microtomes, cryostats |  |
| ETRAF (chemical hood) |  | Biosafety cabinet |  |
| Cryogenic fluid |  | Automatic sequencer |  |
| Oven, microwave, incubator |  | Cell sorter |  |
| Compressed or liquefied gas |  | Other (specify): |  |
|  |  |  | |

|  |
| --- |
| **REMARKS AND COMMENTS:** |
|  |

**2/ BIOLOGICAL RISKS**

**2-1/ HANDLING ANIMALS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Types** | **Pathogen-free facility** | **Wild**  **(not obtained from a breeding facility)** | **Deliberately infected**  **with a pathogen** | **GMO** |
| Rodents |  |  |  |  |
| Specify : | | | | |
| Humanized SCID |  |  |  |  |
| Specify : | | | | |
| Primates : |  |  |  |  |
| Specify : | | | | |
| Other (Specify) : |  |  |  |  |

**2-2/ ANIMAL-DERIVED BIOLOGICAL PRODUCTS**

**Species**

|  |  |
| --- | --- |
| Rodents |  |
| Primates |  |
| Other (Specify): |  |

**Fluids, tissues, homogenate or primary culture**

|  |  |
| --- | --- |
| Tumor |  |
| Blood, blood cells, serum |  |
| Other (Specify) : |  |
| Carrying a human pathogen (natural or deliberate infection)  Specify: |  |
| Containing a GMO or derived from a transgenic animal ?  Specify: |  |

**Culture of commercially available cell lines**

|  |  |
| --- | --- |
| Not pathogenic for humans |  |
| Culture containing a human pathogen (deliberate inoculation) |  |
| Specify: |
| Transfected or containing a GMO |  |
| Specify: |

**Culture of cells immortalized in the laboratory**

|  |  |
| --- | --- |
| Immortalization method (specify) : |  |

**2-3/ BIOLOGICAL PRODUCTS FROM A HUMAN SOURCE**

**Fluids, tissues, homogenate or primary culture**

|  |  |
| --- | --- |
| Tumor |  |
| Blood, blood cells, serum |  |
| Other (specify) : |  |
| Carrying a human pathogen (natural or deliberate infection)  Specify: |  |
| Traceability |  |

**Culture of commercially available cell lines**

|  |  |
| --- | --- |
| Not pathogenic for humans |  |
| Culture containing a human pathogen (deliberate inoculation) |  |
| Specify: |
| Transfected or containing a GMO |  |
| Specify: |

**Culture of cells immortalized in the laboratory**

|  |  |
| --- | --- |
| Immortalization method (specify): |  |

**2-4/ BIOLOGICAL AGENTS**

|  |  |  |
| --- | --- | --- |
| **Biological agents** | **Not pathogenic** | **Pathogenic** |
| Bacteria |  |  |
| Name (s) : | | |
| Viruses |  |  |
| Nom(s) : | | |
| Parasites |  |  |
| Name (s) : | | |
| Fungi and yeasts |  |  |
| Name (s) : | | |
| Prions | |  |
| Which? | | |
|  | |  |
| **Viral vector** | | |
| Adenovirus | |  |
| Retrovirus | |  |
| Lentvirus | |  |
| Poxvirus (cowpox, etc.) | |  |
| Other (herpesvirus, baculovirus, chimeric vectors, AAV, etc) specify: | |  |
|  | | |

**2-5 / CONFINEMENT LEVEL**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Level** | **1** | **2** | **3** | **4** |
| Laboratory |  |  |  |  |
| Animal house |  |  |  |  |

**2-6 / OTHER RISKS**

|  |  |
| --- | --- |
| Plant handling |  |
| Specify: | |
| Handling biological waste |  |
| Specify: | |
| Toxins or venoms |  |
| Specify: | |

**2-7 / CONTACT WITH PATIENTS**

|  |
| --- |
| Specify: |

|  |
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| **REMARKS AND COMMENTS:** |
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**3/ PHYSICAL AGENTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type of ionizing radiation** | |  | **Instrument with a built-in laser** |  |
| Radiation β | |  | **Laser set-up** (according to Class) |  |
| Radiation  | |  | 1 |  |
| X rays | |  | 1M |  |
| Neutrons | |  | 2 |  |
| Synchrotron radiation | |  | 2M |  |
| **External exposure** | |  | 3A |  |
| **Internal exposure (**incorporation**)** | |  | 3B |  |
| **Ionizing radiation from a generator** | |  | 4 |  |
| **Sealed sources** | |  | **Lasers** (according to wavelength ) |  |
| **Common radioactive elements in unsealed sources** | |  | UV-C (100 - 280 nm) |  |
| UV-B (280 - 315 nm) |  |
| 3 H () | |  | UV-A (315 - 400 nm) |  |
| 14 C () | |  | Visible (400 - 760 nm) |  |
| 18 F | |  | IR-A (760 - 1400 nm) |  |
| 32 P () | |  | IR-B (1400 - 3000 nm) |  |
| 33 P () | |  | IR-C (3000 - 106 nm) |  |
| 35 S () | |  | **Lasers** (according to operating mode) |  |
| 36 CI () | |  | Continuous |  |
| 45 Ca () | |  | Pulsed |  |
| 47 Ca () | |  | **Non-ionizing radiation** |  |
| 64 Cu | |  | Infrared radiation |  |
| 67 Cu | |  | UV radiation |  |
| 111 In | |  | Ultrasound (sonicator, etc.) |  |
| 123 I (,X) | |  | **Electromagnetic fields** |  |
| 125 I () | |  | Very low and low frequency  (0 - 10 kHz: powerful electrical installation) |  |
| 129 I (,) | |  |
| 131 I (,) | |  | Radiofrequency  (10 kHz - 300 MHz: induction oven, radio, TV) |  |
| **Radioactive elements in sealed or unsealed sources** | |  |
| 22 Na (,) |  | | Hyper frequency  (300 MHz - 300 GHz: antenna, mobile telephone, radar, microwave oven) |  |
| 24 Na (,) |  | |
| 51 Cr () |  | |
| 55 Fe (X) | |  | **Static magnetic fields** |  |
| 59 Fe (,) | |  | NMR |  |
| 99m Tc () | |  | Other |  |
| **Other naturally occurring radioactive elements** | |  |  |  |
| **Other radioactive elements** | |  |  |  |
| **Category B** | |  |
| **Category A** | |  |

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| **REMARKS AND COMMENTS:** |
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**4/ CHEMICALS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Aliphatic hydrocarbons** |  | **Phenols, quinones** |  |
| n-Hexane R2 |  | Phenol M2 |  |
| n-Heptane |  | Hydroquinone C2 M2, benzoquinones |  |
| Cyclohexane |  | **Aldehydes and carbonyl compounds** |  |
| Petroleum ethers |  | *Formaldehyde (formol) C2* |  |
| **Aromatic hydrocarbons** |  | *Paraformaldehyde C2* |  |
| Benzene C1A M1B |  | *Glutaraldehyde* |  |
| Toluene R2 |  | *Glyoxal M2* |  |
| Xylenes (IARC Gr3 ) |  | *Diethyl pyrocarbonate (DEPC)* |  |
| d, l, limonene (IARC Gr3 ) |  | *Dimethyl pyrocarbonate (DMPC)* |  |
| **Halogenated hydrocarbons** |  | **Aliphatic amines** |  |
| Methylene chloride (dichloromethane) C2 |  | Ethylene diamine |  |
| Chloroform C2 |  | *Other (specify) :* |  |
| Carbon tetrachloride C2 |  |  | |
| Trichlorethylene C1B M2 |  | **Aromatic amines** |  |
| Other halogenated solvents |  | *Benzidine and salts C1A* |  |  |
| **Alcohols and esters** |  | *Dichlorobenzidine C1B* |  |
| Methanol |  | *Diamino-3,3'-benzidine (DAB) and salts C1B M2* |  |
| Ethanol (IARC Gr 1) |  | *Tetramethyl-3,3’,5,5’-benzidine and salts M2* |  |
| Isopropanol |  | *o-phenylene diamine C2 M2* |  |
| Mercaptoethanol |  | *4-methyl-o-phenylenediamine C1B M2* |  |
| Ethyl acetate |  | *o-toluidine (4,4'-methylene-di-o-toluidine) and salts*  *C1B* |  |
| **Ethers, glycols and glycol ethers** |  | *Other aromatic amines (specify)*: |  |
| Ethylene glycol |  |  | |
| Ethyl ether |  | **Hydrazine and derivatives** |  |
| 1,4 Dioxane C2 |  | Hydrazine and salts C1B |  |
| Tetrahydrofurane (THF) |  | **Nitrosamines, amides, nitroso-ureas and guanidines** |  |
| **Ketones** |  | Specify: | |
| Acetone |  | **Alkylating agents** |  |
| **Amines, amides and nitrogenated solvents** |  | Dimethyl sulphate (DMS) C1B M2 |  |
| Aniline and salts C2 M2 |  | Ethyl carbamate (urethane) C1B |  |
| Dimethylaniline C2 |  | **Intercalating agents** |  |
| Pyridine (IARC Gr 3) |  | Ethidium bromide (BET) M2 |  |
| Piperidine |  | Acridine orange M2 |  |
| Acetonitrile |  | Ethidium propyl EDTA assimilated M2 |  |
| Acrylonitrile C1B |  | Methidium propyl MDTA assimilated M2 |  |
| Formamide R1B |  | Propidium iodide |  |
| Dimethylformamide (DMF) R1B |  | SYBR green |  |
| N-methylformamide R1B |  | SYBR safe |  |
| Acetamide C2 |  | Other intercalating agents (specify): |  |
| N-methylpyrrolidone (NMPO) R1B |  |  | |
| **Diverse solvents** |  | **Stains and cold probes** |  |
| Carbon sulphide R2 |  | Trypan Blue C1B |  |
| Dimethylsulphoxide (DMSO) |  | Acid Red 26 M2 |  |
| Tetrahydrothiofurane-1,1-dioxide, Sulfolane |  | Amino-3-ethyl-9-carbazole C1B |  |
| **Halogenated compounds** |  | Crystal Violet C2 |  |
| 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) (IARC Gr1) |  | Amidoblack 10 B |  |
| Iodoacetamide |  | Other stains (specify): |  |
| Diisopropyl fluorophosphate DIFP |  |  | |
| Phenylmethylsulphonylfluoride PMSF |  |  | |
| Fluoro-1-dinitro-2,4-benzene |  |
| Dichloro-1,3-propanol C1B |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Promoters** | |  | **Cytostatics (specify) :** |  |
| Pristane | |  |  | |
| Okadaic acid | |  | **Detergents** |  |
| Retinoic acid R1B | |  | Sodium dodecylsulphate (SDS) |  |
| Phorbol esters | |  | Other detergents (specify) |  |
| Other promoters (specify): | |  | **Diverse products** |  |
|  | | | Thiourea C2 R2 |  |
| **Monomers and resins** |  | | **Other organic products** |  |
| Acrylamide C1B M1B R2 | |  | Specify: | |
| Bis-acrylamide | |  | **Cadmium** |  |
| Methyl acrylate | |  | Cadmium chloride C1B M1B R1B |  |
| Methyl methacrylate | |  | **Chromium** |  |
| Epoxy | |  | Alkaline bichromate and sulphochromic mixture C1B M1B R1B |  |
| Ethylene oxide C1B M1B | |  |
| **Strong oxidizing agents** | |  | **Mercury derivatives** |  |
| Hydrogen peroxide (IARC Gr 3) | |  | Mercuric chloride M2 R2 |  |
| Active Cl bleach | |  | Other mercury derivatives (specify): |  |
| **Acids** | |  |  | |
| Hydrochloric acid | |  | **Nickel derivative** |  |
| Hydrofluoric acid | |  | Metallic nickel C2 |  |
| Nitric acid | |  | Other (specify): |  |
| Suplhuric acid (IARC Gr 1) | |  |  | |
| Osmium tetroxide | |  | **Lead derivatives** |  |
| Acetic acid | |  | Metallic lead |  |
| Trichloroacetic acid (TCA) | |  | Other lead compounds R1A (specify): |  |
| Other acids (specify): | |  |  | |
|  | | | **Mineral fibers** |  |
| **Arsenic and derivatives** | |  | Asbestos C1A |  |
| Pure arsenic | |  | Ceramic fibers C1B |  |
| Arsenic acid and salts C1A | |  | Mineral wool C2 |  |
| Cacodylic acid-cacodylate (IARC Gr 2B) | |  | Other mineral fibers (specify): |  |
| **Cyanide and derivatives** | |  |  | |
| K or Na cyanide | |  | **Silicium compounds** |  |
| Hydrocyanic acid | |  | Crystalline silica (IARC Gr1) |  |
| Cyanogen bromide |  | | Silanes |  |
| Sodium azide | |  | **Actinides and derivatives** |  |
| Sodium nitrite | |  | Uranyl acetate (specify): |  |
| Propylene oxide C1B M1B | |  |  | |
| Isocyanates (methyl isocyanate: R2) | |  | **Kits** |  |
| Other (specify): | |  |  | |
|  | | |
| **Substances used in medicine** | |  |
| Phenobarbital (IARC Gr 2B) | |  |
| Antibiotics | |  |
| Hormones (specify) : | |  |
|  | | |
| **Anesthetics** | |  |
| Pentobarbital R2 (IARC Gr3) | |  |
| Halothane (Fluothane) R1B (IARC Gr 3) | |  |
| Isoflurane (Forane) R1A (IARC Gr3) | |  |
| Ketamine (IARC Gr 3) | |  |
| Other anesthetics (specify): | |  |
|  | | |

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| **REMARKS AND COMMENTS:** |
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**5/ NANOPARTICULES**

|  |  |
| --- | --- |
| **Intentional (manufacturing)** |  |
| Comments: |  |
| **Intentional (use)** |  |
| Comments: |  |
| **Unintentional (pollution, diesel fuel, etc.)** |  |
| Comments: |  |

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| **REMARKS AND COMMENTS :** |
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