**FLOW CYTOMETRIC CELL ANALYSIS**

**1st August 2024- 31st July 2025**

|  |  |
| --- | --- |
| **PRINCIPLE INVESTGATOR** |  |
| Name |  |
| email |  |
| College/School/Institute |  |
| **STAFF MEMBER using Flow Cytometers** |  |
| Name |  |
| email |  |
| Are you an existing user having been trained by MVLS Flow core staff?                   (Yes/No) |  |
| **PROJECT TITLE:** |  |

**SECTION 1: SAMPLE SPECIES**

**Indicate from where your sample originate?**

|  |  |
| --- | --- |
| Human |  |
| Murine |  |
| Ovine |  |
| Bovine |  |
| Equine |  |
| Avian |  |
| Insect |  |
| Parasite |  |
| Bacterial |  |
| **Other   -  Give Details** |  |

**SECTION 2: CELL LINES**

**If your cells are a recognised cell line, please complete this section then go to section 3:**

|  |  |  |
| --- | --- | --- |
| Cell Name | |  |
| ATCC Catalogue No | |  |
| Suspension Cells | |  |
| Adherent Cells | |  |
| Have they been infected with pathogens? | | If YES go to section 4 |
| No | YES |  |
| Have they been transformed using any known viral pathogens? | | |
| No | YES | If YES go to SECTION 6 |

**SECTION 3: PRIMARY HUMAN CELLS**

**Tick to indicate the location from which the cells are taken**

|  |  |  |  |
| --- | --- | --- | --- |
| Whole Blood | | | Yes |
| Serum | | |  |
| Plasma | | |  |
| PBMC | | |  |
| Buffy Coat | | |  |
| Stromal Lung Tissue | | |  |
| BAL fluid | | |  |
| Colon | | |  |
| Tendon | | |  |
| **Other: Give details** | | |  |
| Were the samples tested for any of the following | | | |
|  | **YES** | **NO** | |
| HIV |  |  | |
| Hepatitis |  |  | |
| Epstein Barr Virus |  |  | |
| Herpes Virus |  |  | |

**SECTION 4: PATHOGENS know to be in experimental samples**

|  |  |  |  |
| --- | --- | --- | --- |
| **Pathogen Type** | Organism Name & Strain | Hazard Group | Neutralisation Method  e.g. Fixative/  Antibiotics /UV treatment |
| Bacterial |  |  |  |
| Parasitic |  |  |  |
| Fungal |  |  |  |
| Viral |  |  |  |

**Note. It is the P.I.’s responsibility to ensure that the neutralisation method used is suitable to render the samples non-infectious**.

Details of Biological COSHH form \_\_\_\_

Submit copies of any relevant COSHH forms along with this form

**SECTION 5: SAPO Organisms**

**Please note that until the floor has been repaired, we are NOT able to permit the analysis of NON-FIXED SAPO organisms on the analysers in B219**

**As a work around unfixed SAPO organisms may be analysed on the ID7000 analyser located in the level 4 Main lab (B437) of SGDB. Please contact us a week before your intended experiment to arrange a time for training or assistance.**

**SECTION 6: ANALYSIS OF GENETICALLY MODIFIED CELLS**

Have your cells or been genetically modified?

If the answer is **NO** go to **Section 7.**

If the answer is **YES** then fill in the table below:

|  |  |  |
| --- | --- | --- |
| **GMO form number** |  | |
| Did you use a viral vector |  |  |
|  | | |
| Did you use a helper virus |  |  |
|  | | |
| What is the insert |  |  |
|  | | |
| Is it oncogenic |  |  |
|  | | |
| Is it replication incompetent (Y/N) |  |  |
| Can it infect human cells (Y/N) |  |  |
| How many times have the cells been passaged |  | |
| Does your GMO form grant permission to: | | |
| * Transport cells across campus/ through the SGDB? |  | |
| * Work with GMO in the MVLS Flow Core Labs B219 and/or B444 |  | |

**SECTION 7: BILLING INFORMATION** - Glasgow university Researchers only

**For current charging rates, and for quotes for grant applications please contact mvls-SRF@glasgow.ac.uk**

|  |  |
| --- | --- |
| **Principle Investigator** |  |
| **College & Institute** |  |
| **Cost Centre** |  |
| **Project code** |  |
| **Grant start date** |  |
| **Grant end date** |  |
|  |  |

Signature of P.I. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

Signature of staff using Analysers: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date: \_\_\_\_\_\_\_\_\_

**Safe use of the MVLS-SRF Flow Core Lab relies upon co-operation between the Core staff and investigators.**

***IF cell types and/or bio-hazard information change, prior to the next annual survey you have a duty to inform us***