**APPENDIX I**

***EBMT-CTIWP Retrospective Study:* Consensus guidelines of the European Group for Blood and Marrow Transplantation for monitoring post-transplant immune reconstitution**

***Team details:***

|  |  |
| --- | --- |
| CIC n° |  |
| Hospital |  |
| Unit |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Name** | **Email** | **Telephone** | **Fax** |
| Principal investigator |  |  |  |  |
| Data manager |  |  |  |  |

***Current practice in your centre for the monitoring of post-transplant immune reconstitution:***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **ASSAYS** | Clinical *vs* investigational use *vs* not available | Are you planning to implement this test (in house or with other centers) in the next year?Are you planning to implement this test (in house or in coll. With other centers) in the next year? | Comments | HSCT from sibling donor:  Y *vs* N | HSCT from volunteer unrelated donor:  Y *vs* N | HSCT from haplo-identical donor:  Y *vs* N | HSCT from cord-blood unit:  Y *vs* N |
| **Quantitative tests** | **Hematology:**  **CBC with differential (neutrophils, lymphocytes)** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Clinical laboratory:**  **Immunoglobulins** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Flow-cytometry:**  **Lymphocyte subsets (T, B and NK absolute counts)** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Flow-cytometry:**  **T-cell subsets** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Flow-cytometry:**  **B-cell subsets** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Flow-cytometry:NK-cell subsets** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Molecular tests: TRECs and KRECs** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Engraftment monitoring** | **Molecular tests: STR, qPCR, Fish, Others**Molecular tests: STR, qPCR, Fish, Other | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Functional assays** | **Proliferative responses: T cells polyclonal antigens, CMV, EBV, others** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Antibodies: B cells, response to vaccines** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Elispot: T cells polyclonal antigens, CMV, EBV, others** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Flow cytometry: intracellular cytokines** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Tetramers** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **Immune diversity** | **Molecular tests Spectratyping:**  **TCR**  **and BCR** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |
| **NGS: TCR sequencing**  **BCR sequencing** | □ Clinical  □ Investigational  □ Not available | □ Yes  □ No |  | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No | □ Yes  □ No |