**EFI ETHIQ LOGBOOK**

**APPLICATION FOR REGISTRATION**

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| **TRAINEE INFORMATION** |  |
| **Surname** | Click or tap here to enter text. | **Forename** | Click or tap here to enter text. |
| **Job title** | Click or tap here to enter text. |
| **EFI Member** | [ ]  **Yes, membership number:** Click or tap here to enter text.[ ]  **No, I will become an EFI member via the website: www.efi-web.org** |
| **Start date in current lab** | Click or tap here to enter text. |
| **Laboratory / institution details****Name of lab / institution:** Click or tap here to enter text.**Postal/Zip code:** Click or tap here to enter text.**City:** Click or tap here to enter text.**Country:** Click or tap here to enter text. |
| **Telephone** | Click or tap here to enter text. |
| **Email** | Click or tap here to enter text. |
| **Signature of Trainee** |  | **Date**  | Click or tap here to enter text. |

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| **PROPOSED H&I TRAINING SUPERVISOR** Note: The training supervisor must be a Director or Co-Director of an EFI accredited lab, and/or a holder of the ESHI Diploma (honorary or by examination) |
| **Name** | Click or tap here to enter text. |
| **Current grade** | Click or tap here to enter text. |
| **Signature of Trainee Supervisor** |  | **Date** | Click or tap here to enter text. |

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| **Indication of the planning to complete the ETHIQ Logbook in 1, 2 or 3 years** | **Completion in** Click or tap here to enter text. **Years** |
| **Training start date** | Click or tap here to enter text. | **Proposed completion date** | Click or tap here to enter text. |

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| **NAME OF HEAD OF DEPARTMENT** The above Trainee's application for registration on the ETHIQ Training Scheme has the full support of the Head of Department and the training laboratory holds current EFI accreditation.  |
| **Name** | Click or tap here to enter text. |
| **Current grade** | Click or tap here to enter text. |
| **Signature of Head of Department** |  | **Date**  | Click or tap here to enter text. |

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| **Section A - Specialist H&I knowledge****(A1-A2-A3 Mandatory; A4 Optional)**  |
| **A1 - Basic Immunology** |
|  | A1.a Innate immune responses |
|  | A1.b Adaptive immune responses |
| **A2 - The HLA System** |
|  | A2.a HLA genes  |
|  | A2.b HLA molecules |
|  | A2.c HLA nomenclature and polymorphism |
|  | A2.d Clinical relevance of the HLA system |
| **A3 - Transplant Immunology** |
|  | A3.a Allorecognition |
|  | A3.b Rejection responses |
|  | A3.c Graft versus Host Disease (GvHD) |
| **A4 - H&I laboratory role in transfusion** | **Optional** |[ ]

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| **Section B - General competences****(Mandatory)** |
| **B1 - General laboratory practice** |
|  | B1.a General laboratory practice |
| **B2 - Safe working practices in the clinical HLA laboratory** |
|  | B2.a Health and Safety |
|  | B2.b Dealing with potential hazards in the laboratory |
|  | B2.c Incident / Accident reporting |
|  | B2.d Laboratory Equipment |
| **B3 - Quality management** |
|  | B3.a Quality Management System |
|  | B3.b Quality Control |
|  | B3.c Quality Assurance |
| **B4 - Data handling** |
|  | B4.a Data handling |
| **B5 - Stock maintenance** |
|  | B5.a Maintaining working stocks |
|  | B5.b Receipt of stock deliveries |
| **B6 - Specimen reception and handling** |
|  | B6.a Specimen reception |
|  | B6.b Logging specimens into Laboratory Information Management System (LIMS) |
|  | B6.c Specimen storage |

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| **Section C - Specialist H&I competences****(Optional)** |
| **C1 - Sample processing** |  |
|  | C1.a - Separation of serum/plasma samples |[ ]
|  | C1.b - Separation of lymphocytes from peripheral blood or tissues |[ ]
|  | C1.c - Freezing and thawing lymphocytes |[ ]
|  | C1.d - Extraction of DNA |[ ]
| **C2 - Serological competences** |  |
|  | C2.a - Lymphocytotoxicity assays |[ ]
|  | C2.b - Flow cytometry crossmatching |[ ]
|  | C2.c - Antibody identification and definition by solid phase assays |[ ]
| **C3 - Molecular competences** |  |
|  | C3.a - DNA contamination tests |[ ]
|  | C3.b - Definition and analysis of HLA gene polymorphism by gel based PCR-SSP |[ ]
|  | C3.c - Definition and analysis of HLA gene polymorphism by real time PCR |[ ]
|  | C3.d - Definition and analysis of HLA gene polymorphism by PCR-SSO |[ ]
|  | C3.e - Definition and analysis of HLA gene polymorphism by SBT: Sanger or NGS |[ ]
|  | C3.f - Post-HSCT engraftment monitoring by STR (Short Tandem Repeats) |[ ]
|  | C3.g - Post-HSCT engraftment monitoring by qPCR |[ ]