**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 |  |