# Application Form for EuroMRD Membership

# ALL, MLL and/or lymphoma section

#### (For background information: see guidelines for EuroMRD membership d.d. June 2010)

Name :

Department :

Institute :

Address :

E-mail :

Phone :

Fax :

## I wish to become member of:

[ ]  EuroMRD ALL section

[ ]  EuroMRD MLL section

[ ]  EuroMRD Lymphoma section

## **A. Extensive knowledge on Ig/TCR gene rearrangements**

 YES NO

1. Structure and composition of all seven human Ig/TCR genes [ ]  [ ]
2. Immunobiology of Ig/TCR gene rearrangements  [ ]  [ ]
(recombinase system, stepwise process, Ig class switch
3. Repertoire of rearranged Ig/TCR genes [ ]  [ ]
(combination repertoires, junctional regions, somatic
hypermutation process, antigen selection processes)
4. Ig/TCR gene rearrangement patterns in normal and malignant lymphoid cells [ ]  [ ]

## **B. Extensive experience in MRD detection via Ig/TCR gene rearrangements or other patient-specific PCR targets at the DNA level**

###### Detection and identification of Ig/TCR gene rearrangements

 YES NO YES NO

* *IGH* [ ]  [ ]  − *TCRB* [ ]  [ ]
* *IGK* [ ]  [ ]  − *TCRG* [ ]  [ ]
* *IGL* [ ]  [ ]  − *TCRD* [ ]  [ ]

###### Detection and identification of other MRD-PCR targets at DNA level

 YES NO YES NO

* *TAL1* [ ]  [ ]  − *BCL1* [ ]  [ ]
* *MLL* [ ]  [ ]  − *BCL2* [ ]  [ ]
* Other:[ ]  [ ]  − Other:      [ ]  [ ]

###### Applied methods for detection and identification of MRD-PCR targets at DNA level

 YES NO YES NO

* Southern blotting[ ]  [ ]  − GeneScanning[ ]  [ ]
* PCR[ ]  [ ]  − heteroduplex analysis[ ]  [ ]
* LM-PCR [x]  [ ]  − sequencing of junctional regions [ ]  [ ]
* Other:[ ]  [ ]  − Other:     [ ]  [ ]

###### Applied RQ-PCR technology

 YES NO

* Hydrolysis probe (TaqMan) technology [ ]  [ ]
* Hybridization probe (LightCycler) technology [ ]  [ ]
* SYBR Green I technology [ ]  [ ]
* Other:       [ ]  [ ]

###### Applied RQ-PCR targets

 YES NO Estimated % of all targets

* *IGH* (VH-JH and DH-JH) [ ]  [ ]        %
* *IGK* (Kde and Vκ-Jκ) [ ]  [ ]        %
* *IGL*  [ ]  [ ]        %
* *TCRB* (Vβ-Jβ and Dβ-Jβ) [ ]  [ ]        %
* *TCRG* [ ]  [ ]        %
* *TCRD* (Vδ-Jδ, Dδ-Jδ, Vδ2-Dδ) [ ]  [ ]        %
* *TAL1* [ ]  [ ]        %
* *MLL* [ ]  [ ]        %
* *BCL1* [ ]  [ ]        %
* *BCL2* [ ]  [ ]        %
* other:       [ ]  [ ]        %
* other:       [ ]  [ ]        %

###### **Level of experience with RQ-PCR-based MRD diagnostics**

* RQ-PCR-based MRD diagnostics since (year):
* MRD diagnostics according to EuroMRD guidelines: YES:[ ]  NO: [ ]
* Trained by/collaboration with:
	+ name of EuroMRD laboratory:
	+ responsible scientist (name):
* No. of patients completely analyzed (including two follow-up time points):       (at least 25 cases)
* No. of patients analyzed and approved in full parallel to the above
mentioned EuroMRD laboratory:        (at least 5 cases)
* Own publications in the field of MRD diagnostics (if available):
	+
	+
	+
	+

## **C. Position of MRD laboratory: size, relation to (inter)national treatment protocols, and annual intake of new patients**

###### Size of MRD laboratory

* No. of scientists:       (at least one)
* No. of technicians:       (at least two)

###### Position of MRD laboratory at national level

Acting as central MRD laboratory for the following MRD-based treatment protocol(s):

*
*
*

###### Annual intake of new patients with complete MRD diagnostics:

 **Protocol Patients Non-Protocol Patients**

* childhood ALL:
* infant ALL:
* adult ALL:
* relapsed ALL\*:
* other:             +       +

 Total:             (at least 50 to 60 new Protocol Patients per year)

\* A relapsed ALL patient can be regarded as a new patient, if MRD is monitored after relapse

## **Approved by:**

Supervisor / head Chairman of MRD-based Collaborating EuroMRD
of MRD laboratory treatment protocol laboratory

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signature signature signature

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name name name

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date date date

**Completed forms should be returned to:**

Dr. C. Eckert

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