

C. GENERAL REPORT

2. INDIVIDUAL TRAINING REQUEST

Responsibility: Trainee

Destination: Participants and Co-ordination

Several EuroGentest participants offer the possibility for training on request.

This form is to be filled in by the requesting fellow

Please add a CV on separate page

FELLOW	Name	Adil Al-Hinai
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Description of the requested training and motivation for such training: (max. 20 lines)

I would like to learn about the basic DNA diagnostic aspects of male infertility at the Prague Institute of Biology and Medical Genetics – Centre for Reproductive Genetics (Charles University, Prague). The basic aim of my project is to learn techniques for the analysis of the most common mutations in the cystic fibrosis (CFTR) gene (i.e. specific mutations and variant analysis), including testing of microdeletions of chromosome Y and FSH/LH gene polymorphisms. This is particularly important since approximately 20% of couples in Oman are infertile and more than 50% of them are due to men being infertile. I am interested in finding the genetic alterations responsible for this condition in the Omani population. I would need to be trained in molecular techniques in this regard, data analysis and interpretation and molecular genetic lab management.

Since I will also be working with Dr. Anna Rajab – Ministry of Health DNA diagnostic laboratory I would like to learn about best practice guidelines for CF DNA diagnostics, about validation of tests and see how this lab is preparing for the final phase of its accreditation. This stay will also be linked to the activities of the Eurogentest associated FP6 project Capability, whose members conducted a series of overview lectures in Muscat in January 2007.

Number of person-months (days) requested

One to four weeks, depending on arrangements at the host laboratory.

Requested timing

Approximately between 22nd of Oct – 16 Nov 2007

Educational level (predoc, postdoc, experienced, ...)

MSc Cancer Cell and Molecular Biology (see attached cv)

Actual position and Qualifications of trainee (academic, nurses, technicians, industrial, ...)

Lab technician, Diploma in Medical Laboratory Sciences, BSc (Hons) Biomedical Sciences,

Facilities requested (equipment, housing, ...)

Travel expenses (Muscat Prague and return), accommodation on site up to the limit of 1500,- EUR

Financial possibilities

Life expenses

Preferential EuroGentest hosts

Milan MACEK Jr. M.D., PhD. - Professor of Medical and Molecular Genetics - Department of Biology and Medical Genetics - Division of Clinical Molecular Genetics and the National Cystic Fibrosis Centre - University Hospital Motol and 2nd School of Medicine - Charles University Prague - Czech Republic