

## 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*

<b>FELLOW</b>	<b>Name</b>	Marija Stankovic
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**Description of the requested training and motivation for such training: (max. 20 lines)**

Training workshop of EuroCareCF (WP7) on: EPITHELIAL CELLS FROM LUNG: PRODUCTION, CULTIVATION AND CHARACTERIZATION University of Lisboa (Portugal), 14-18 July 2008

<http://www.eurocarecf.eu/wp7/WP7plannedworkshops.htm>

This training workshop includes lectures, tutorials and hands-on practicals.

- Topics:**
- General Principles of Epithelial Cell Culture
  - Production of Primary Cultures of Epithelial Cells from Human Lungs.Immortalization.
  - Cultivating Epithelial Cells. Epithelial Cell Differentiation.
  - Characterization of Epithelial Cells and Tissues
  - Lung Physiology
  - Pathophysiology of Cystic Fibrosis Lung Disease
  - Characterization of Epithelial Cells by: Immunofluorescence and Electrophysiology

- Practicals and Tutorials:**
- Isolation and Culture of Epithelial Cells from Lung
  - Air-Liquid Interface Culture of Respiratory Epithelial Cells
  - Transformation of Epithelial Cells
  - Cellular Characterization by Immunofluorescence
  - Functional Assessment of Cultured Epithelial Cells

This training workshop would give me an opportunity to learn practical and theoretical aspects of primary epithelial cell culture, which will be used in my coming experiments. Also this would be a great opportunity for making contacts and exchanging experience with people who works in the same field. Finally this training would enable me to present and introduce new technique in my laboratory.

**Number of person-months (days) requested**

Five days course (plus travel time)

**Requested timing**

13-19 July 2008

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

MSc, PhD student, experienced with cell culture

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

Research assistant

**Facilities requested (equipment, housing, ...)**

Travel, accommodation and course fee

**Financial possibilities**

Untill now no other funding available

**Preferential EuroGentest hosts**