

Symposium on
**Physiology, Imaging, and Cardiopulmonary
Models of Animal Pathology**

Organized by the
University of Cyprus

Supported by the
Department of Mechanical and Manufacturing Engineering
University of Cyprus¹
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Venue
University of Cyprus
University House–Anastasios G. Leventis, Room B108 and
Laboratory of Physiology and Biomedical Imaging (LBI)

Date
15–16 September, 2009

Program

Tuesday 15 September 2009

08:45 Registration

09:00 Welcome and Introduction

C. Constantinides

09:00 Session 1: Physiology in Rodents and Models of Disease

Chairman: *C. Constantinides*

09:15 Small Animal Handling for In Vivo Imaging

L. Hedlund, Center for In Vivo Microscopy,
Duke University Medical Center, USA

10:00 Phenotyping of Mice in Cardiovascular Disease: Effects of Strain Differences

B. Janssen, Cardiovascular Research Institute Maastricht,
Maastricht University, The Netherlands

10:45 Coffee Break

11:00 Session 2: Small Animal Imaging in Basic Science

Chairman: *C. Constantinides*

11:00 MRI in Mouse Models of Cardiovascular Disease

F. Epstein, University of Virginia Charlottesville, USA

11.45 Contrast Agents and Mechanisms in Small Animal Imaging

M. Lizak, National Institute of Neurological Disorders and Stroke, National Institutes of Health, USA

12.30 Cardiopulmonary Imaging in Small Animals with Micro-CT and Digital Subtraction Angiography
C. Badea, Center for In Vivo Microscopy, Duke University Medical Center, USA

13:00 **Lunch Break**

16:00 Session 3: Hands on Experience – Mouse Handling and Microsurgical Techniques

Drs. Hedlund, Janssen

Mr. R. Mean

Wednesday 16 September 2009

09:00 Session 1: Tour of the University of Cyprus Research and Teaching Facilities

Mr. K. Stylianou, Mr. G. Vessiariis

11:00 Session 2: Private Meetings [Dr. C. Constantinides]

13:00 Free Afternoon

More info: <http://www.ucy.ac.cy>

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Venue

University Campus

University House–Anastasios G. Leventis
Room B108 (Building no.1 shown on the map,
Parking no. 11 & 12)
Laboratory of Physiology, Room 136, Latsia

