



**Summary of WP1-work carried out in the first year of
CWB-Project**

WP-leader: VMU
Clinical information collection

Tissue and clinically relevant data is being continuously collected from patients with ischemic and non-ischemic heart failure undergoing heart transplantation. Clinical and haemodynamic parameters are routinely recorded, patient serum collected and myocardial tissue from the left ventricle and aortic rings are collected and provided to the consortium. Endothelial cells, smooth muscle cells and cardiomyocytes have been isolated and cultured and data on cell migration, cell proliferation, cell adhesion, protein and RNA expression were obtained. Screening of patient samples and cultured cells with gene arrays has provided a list of potential therapeutic targets relevant to the development of heart failure and atherosclerosis. Data resources and tools necessary for data analysis have been developed. An online clinical-pharmacological local data repository for cardiovascular disease has been created to collate clinical parameters with expression data which is updated regularly and accessed with a web based software tool.