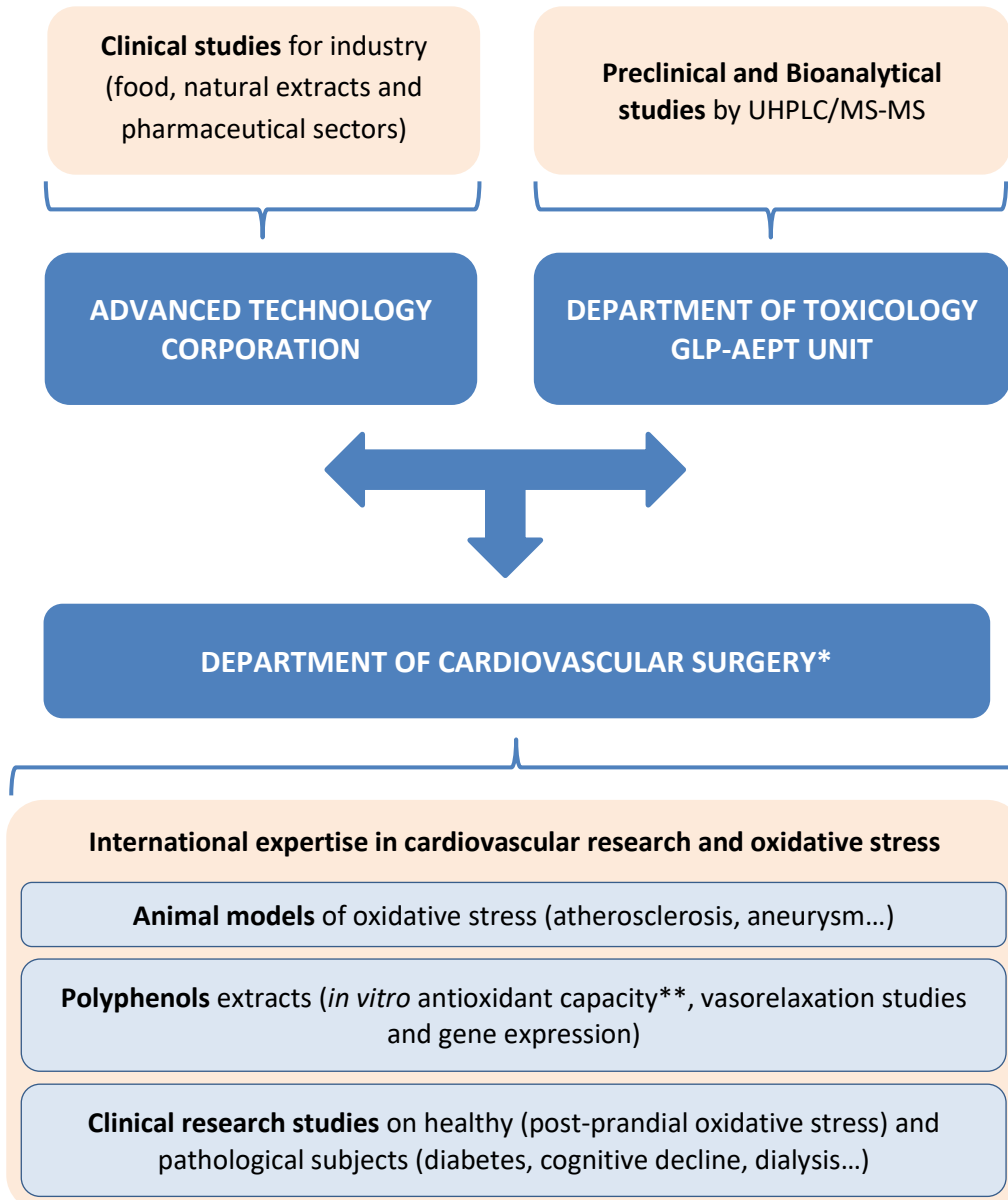




Advanced Technology Corporation and the Department of Toxicology have developed a joint collaboration with the Department of Cardiovascular Surgery, Academic Hospital of Liege, Belgium for research on:

## OXIDATIVE STRESS, DIET POLYPHENOLS AND CARDIOVASCULAR HEALTH



GLP-AEPT has gained a serious experience in *in vivo* evidences of oxidative stress with a special focus on isoprostanes, the emerging "gold standard" biomarker of lipids peroxidation. GLP-AEPT Unit has developed a standardized method for the determination of 15-F<sub>2t</sub>-isoprostane in bioanalysis. Thanks to a high-end UPLC I-Class combined with an ultrasensitive Xevo TQ-S mass spectrometer from Waters (USA), GLP-AEPT is already able to analyse several types of biological matrices.

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\*\* Collaboration with the Unit of Molecular Biology and Plant Biotechnology - University of Liege (Pr Dommes & Dr Sc Kevers)