

ETHICAL REVIEW – FP6

Research Proposal: Nanobiocom

Proposal No. 516943

Participant 5 – University of Aberdeen

WP3: Specific cells activation

During this work-package, participant 3 will be growing osteoblast (bone) and endothelial (blood vessel) cells on the surfaces of the various nanocomposites. This work will mostly involve using established cell lines, purchased from the European Collection of Cell Cultures (ECACC). There will be some occasions, in the later stage of our work-plan, that we will use human primary osteoblast cells. This will be performed to both validate our cell line models, and to produce a more realistic in vitro model to enable comparison of our experimental results with later in vivo studies to be performed by other project partners.

The use of primary human osteoblast cells will be done within our existing University framework, through our Department of Orthopaedics and Surgery. Here, we have Local Ethical Approval (Grampain Research Ethics Committee) for obtaining tissue from patients undergoing surgery, where tissue would normally be disposed off. Within this framework, procedures are in place to obtain consent from the person from whom the tissue is obtained, and the protection of the confidentiality of the donors' personal data.

I have included copies of letters granting ethical approval to our institute from the Local Ethical Committee.

Dr Iain Gibson