

1. PARTNER 1 – NPL (UK)

(Period 1: 1 May 2008 start to 31 October 2008)

1.1 WP 1: JRP MANAGEMENT AND COORDINATION

Note: NPL is Coordinator of this JRP

- Signed JRP contract as coordinator
- Concluded JRP Contract on behalf of the Consortium including collating signed Annex IIIs from all partners and liaison with iMERA-Plus Manager
- Concluded consortium agreement on behalf of Consortium (and signed by NPL as partner)
- Wrote Publishable JRP Summary and submitted to iMERA-Plus Manager
- Organised kick off meeting
- Hosted kick off meeting – 22 May 08
- Undertook follow-up actions from kick-off meeting (minutes drafted and issued etc)
- Developed/updated project plan
- Liaised with and organised Exchange of Letters with JRP collaborators TKK & UNI-TO
- Liaison with PTB following visit including discussions on cell sorting

1.2 WP 2: SELECTION & CHARACTERISATION OF SCAFFOLDS

- Circulated request to partners for constraints on samples
- Control materials sourced (commercially available material)
- Table top study and trials for surface preparation for coatings undertaken
- Held discussions with LGC on assessment of 3D structures
- Carried out literature review (identification of materials & textures)
- In the process of establishing criteria for surface characterisation (on going)
- Completed selection of the gel systems
- Commenced development of the manufacturing process for gels (on going)
- Commenced development of criteria for characterising gel structures (on going)
- Development & manufacture of a diffusion cell for partner use

1.3 WP 3: METROLOGY SUPPORT FOR QUALITY CONTROL OF TISSUE ENGINEERING AND SUSPENSION CULTURE

- NPL not involved in WP3

1.4 WP 4: IMAGING OF CELL SEEDED SCAFFOLDS AND CELL COATED SURFACES

- NPL involvement not yet due (starting next period)

1.5 WP 5: MEASUREMENT METHODS FOR FLUORESCENCE TAGGED CELLS

- Two planning meetings held a) internal in NPL, and b) NPL and LGC – both October 2008

1.6 WP 6: LABEL FREE CELL BEHAVIOUR & FOUNDATION MEASUREMENTS

- NPL involvement not yet due (starting next period)

1.7 WP 7: DISSEMINATION, EXPLOITATION AND KNOWLEDGE TRANSFER ACTIVITIES

- Set up website (website now operational)
- Organised and hosted UK Industrial Advisory Group 2008 at NPL July 2008
- Attended ISO Standards Meeting (TC150 SC7 “Regenerative Medicine”) – Berlin – September 2008 and liaised with TC members