



ICVS//3B's

Associate
Laboratory

University of Minho

III ICVS/3B's – Associate Laboratory Meeting

Braga, June 28th, 2013

Morning Period:

09H00 – 09H15 Opening Session: António Cunha (Reitor da UMinho)

09H15 – 09H45 Scientific Outputs of the ICVS/3B's LA: Rui L. Reis/Jorge Pedrosa

09H45 – 11:00 Round table: A view of the Past, Present and Future of the ICVS/3B's – *a Perspective from the ICVS*

Nuno Sousa: "Challenges and Frontiers for Biomedical Research"

11H00 – 12H30 Poster Session 1 (P01-P31): Ongoing Research – *a Perspective from the 3B's*
(*Coffee Break* will be served at the beginning of the Poster Session)

12H30 – 14H00 *Lunch*

Afternoon Period:

14H00 – 15H00 Presentations on previous "out of the box" ideas – revisited (OB01-OB04)

- Rui Costa
- Iva Pashkuleva
- Alexandre Barros
- João Vilaça

15H00 – 15H45 Presentations of new "out of the box" ideas (OB05-OB08)

- Hélder Pereira
- Mariana Oliveira
- Jorge Correia Pinto
- Luísa Pinto

15H45 – 16H30 Poster Session 2 (P32-P39): Ongoing Collaborative Work at the ICVS/3Bs
(*Coffee Break* will be served at the beginning of the Poster Session)

16H30 Closing Remarks

PIEZOELECTRIC PHBV B

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Being piezoelectric, the natural
hydroxyvalerate (PHBV) has the
to mechanical strain. Therefore,
an innovative skin tissue engine
Bilayered PHBV scaffolds were
drying methodologies, to produc
structure recreating the epiderm
the two structures allowed attain
withstand the stresses that o
diminishing wound contraction.
weeks in the presence of lipase
human keratinocytes (hKc) and
in the respective layer of the bila
of the cells along the time of cult
the respective support structure
after achieving confluence, hKc v
epidermis expressing involucrin,
layer. A bilayered skin substit
epidermal analogs was successi
piezoelectricity character of the F
wound healing.

