

Day 1   Monday, October 24	
09.00-09.30	Registration (Foyer)
09.30-10.00	<b>Welcome and Opening Ceremony</b> Rui L. Reis and Alexandra P. Marques ( <i>3B's Research Group, University of Minho, Portugal   The Gene2skin Conference Chairs</i> )
	<b>Session I</b> Chairs: Rui L. Reis   Claire Higgins
10.00-11.00	<b>KL01 - Novel bio-engineered dermo-epidermal skin grafts: a report on phase I clinical data and new experimental findings</b> <u>Ernst Reichmann</u> , ( <i>Tissue Biology Research Unit, Zurich, Switzerland</i> )
11.00-11.30	<i>Coffee break   Poster Session</i>
11.30-12.30	<b>KL02 - IL-17 and the Treg / Th17 balance in human skin disease</b> <u>Irma Joosten</u> ( <i>Radboudumc, Nijmegen The Netherlands</i> )
12:30-14:30	<i>Lunch (Café-Concerto)</i>
	<b>Session II</b> Chairs: Alexandra P. Marques   Ernst Reichmann
14.30-15.30	<b>KL03 - Fibroblast identity and hair follicle regeneration</b> <u>Claire A Higgins</u> ( <i>Imperial College London, UK</i> )
15.30-16.30	<b>KL04 - Mesenchymal Niche Control of Hair Follicle Formation, Growth and Regeneration</b> <u>Michael Rendl</u> ( <i>Icahn School of Medicine at Mount Sinai, NY, USA</i> )
16.30-17.00	<i>Coffee break   Poster Session</i>
	<b>Young Presentations I</b> Chairs: Michael Rendl   Irma Joosten
17.00-17.20	<b>YP1 - Essential role of sphingolipid pathway in the maintenance of mammalian skin and whole-body energy homeostasis</b> <u>K. Liakath-Ali</u> , V. E. Vancollie, C. J. Lelliott, A. O. Speak, D. Lafont, H. J. Protheroe, C. Ingvorsen, A. Galli, A. Green, D. Gleeson, E. Ryder, L. Glover, G. Vizcay-Barrena, N. A. Karp, M. J. Arends, T. Brenn, S. Spiegel, D. J. Adams, F. M. Watt and L.v. d. Weyden <i>Wellcome Trust Sanger Institute, Hinxton, Cambridge, UK</i>
17.20-17.40	<b>YP2 - Tissue stiffening promotes keratinocyte proliferation via activation of epidermal growth factor signaling</b> F. N. Kenny, Z. Drymoussi, R. Delaine-Smith, A. P. Kao, M. M. Knight, M. P. Philpott, <u>J. T. Connelly</u> <i>Centre for Cell Biology and Cutaneous Research, Barts and the London School of Medicine and Dentistry, Queen Mary University of London</i>
17.40-18.40	<b>KL05 – The importance of the extracellular matrix in skin tissue engineering and regeneration</b> <u>Alexandra P. Marques</u> ( <i>3B's Research Group, University of Minho, Portugal</i> )
18:40-20:00	<i>Welcome Cocktail (CCVF)</i>

	<b>Day 2   Tuesday, October 25</b>
	<b>Session III</b> Chairs: Julie Fradette   Raymund Horch
09.00-10.00	<b>KL06 - Skin Tissue Engineering - Human healthy and disease skin models</b> <u>Susan Gibbs</u> ( <i>Department of Dermatology, VU University Medical Center, Amsterdam, The Netherlands</i> )
10.00-11.00	<b>KL07 - From Bench to Bedside: Understanding Mechanisms of Tissue Repair and its Inhibition</b> <u>Marjana Tomic-Canic</u> ( <i>Miller School of Medicine, University of Miami, Miami, USA</i> )
11.00-11.30	<i>Coffee break   Poster Session</i>
11.30-12.30	<b>KL08 - Mechanisms underlying scarring and fibrosis</b> <u>Magda M.W. Ulrich</u> ( <i>Association of Dutch Burn Centres Beverwijk, The Netherlands</i> )
12:30-14:30	<i>Lunch (Café-Concerto)</i>
	<b>Session IV</b> Chairs: Susan Gibbs   Marjana Tomic-Canic
14.30-15.30	<b>KL09 - Strategies to promote the vascularization of skin substitutes after transplantation</b> <u>Julie Fradette</u> ( <i>CRCHU de Québec-Université Laval, Québec city, Québec, Canada</i> )
15.30-16.30	<b>KL10 - Tissue Engineering and Regenerative Medicine in wound healing – from keratinocyte cultures to clinical applications</b> <u>Raymund E. Horch</u> , ( <i>University Hospital Erlangen, Friedrich-Alexander University Erlangen-Nuernberg FAU, Germany</i> )
16.30-17.00	<i>Coffee break   Poster Session</i>
	<b>Young Presentations II</b> Chairs: Magda M.W. Ulrich   Alexandra P. Marques
17.00-17.15	<b>YP3 – Development of vascularized human skin models strengthened by endogenous extracellular matrix</b> <u>C. Mazio</u> , C. Casale, F. Urciuolo, G. Imparato, P.A. Netti <i>Center for Advanced Biomaterials for Health Care@CRIB Istituto Italiano di Tecnologia, University of Napoli Federico II</i>
17.15-17.30	<b>YP4 - Development of non-viral gene-activated scaffold to increase vascularisation potential and skin repair</b> <u>R.M. Rafferty</u> , C. Catalin and F.J. O'Brien <i>Tissue Engineering Research Group, Dept. Of Anatomy, Royal College of Surgeons in Ireland, Dublin, Ireland</i>
17.30-17.45	<b>YP5 - Stem cell-laden hyaluronic acid spongy-like hydrogels balance inflammation and promote neoinnervation of diabetic wounds.</b> <u>L.P. da Silva</u> , T.C. Santos, D.B. Rodrigues, R.P. Pirraco, M.T. Cerqueira, R.L. Reis, V.M. Correló, A.P. Marques <i>3B's Research Group, University of Minho, Guimarães, Portugal</i>
18.00-18.30	<i>Walk to The Ducal Palace (Paço dos Duques)</i>
18.30-20.00	<i>Guided Tour to The Ducal Palace (Paço dos Duques)</i>
20.00-...	<i>The Gene2skin Conference Dinner (The Ducal Palace)</i>

	<b>Day 3   Wednesday, October 26</b>
	<b>Session V</b> Chairs: Claire Higgins   Michael Rendl
10.00-10.15	<b>PL11 - Control of stem cell fate in mammalian epidermis</b> <u>Fiona Watt</u> ( <i>King's College London, UK</i> )
11.00-11.30	<i>Coffee break   Poster Session</i>
11.30-12.30	<b>PL12 - Natural polymer-based scaffolds as platform systems for the delivery of therapeutics to promote enhanced tissue repair</b> <u>Fergal J. O'Brien</u> ( <i>Tissue Engineering Research Group, Dept. of Anatomy, Royal College of Surgeons in Ireland, Dublin, Ireland</i> )
12.30-13.00	<i>Closing Remarks</i>
14.30	Gene2skin Project Meeting (limited to partners of the project)