

ABSTRACT SUBMISSION TO GENE2SKIN CONFERENCE AND TERMSTEM ORGANIZED BY 3B's UNIVERSITY OF MINHO IS NOW OPEN

We are pleased to announce the **first Gene2skin conference** that will be by 3B's University of Minho and held in **Guimarães** on in a back-to-back initiative with TERMSTEM conference. This international conference will count with some of the most relevant experts in the field in skin biology and regeneration that will share the most recent advances.

The conference venue will be Vila Flor Cultural Centre (Centro Cultural Vila Flor - CCVF) from **24th to 28th of October 2016**, located in the very heart of Guimarães historical center. Therefore, we have included a dynamic social programme that will allow an informal interaction between participants and a delightful experience in this beautiful historical city.

Please visit <http://www.termstem.org/> and **submit your abstract up to 21st August**.



Confirmed Speakers

Claire Higgins - Imperial College, UK
Susan Gibbs – VUMC, The Netherlands
Julie Fradette - Laval University, Canada
Irma Joosten – Radboudumc, The Netherlands
Fiona Watt - King's College London, UK
Fergal O'Brien - Royal College of Surgeons in Ireland, Ireland
Michael Rendl – Icahn School of Medicine at Mount Sinai, USA
Marjana Tomic-Canic - University of Miami, USA
Geoffrey Gurtner - Stanford University, USA
Simon Cool, Institute of Medical Biology, Singapore
Esther Middelkoop, VU University Medical Center, The Netherlands

Ernst Reichmann, University of Zürich, Switzerland
Tatsuya Shimizu - Tokyo Women's Medical University, Japan
Nicolas L'Heureux - INSERM at the University of Bordeaux, France
Jan de Boer - University of Maastricht, The Netherlands
Abhay Pandit - National University of Ireland, Ireland
Jeong Ok-Grace Lim - Kyungpook National University School of Medicine, Korea
Fabien Guillemot – Poietis Company, France
Denis Dufrane – Novadip Company, Belgium

GENE2SKIN WEBSITE IS NOW ONLINE

The **brand new** Gene2Skin **website is now fully running**. Different contents related to the project can be now found online. This includes updated news on the activities performed by the consortium, upcoming meetings, awards and information regarded consortium partners. Please check:



www.gene2skin.eu

GENE2SKIN BAHRAIN REGENERATIVE MEDICINE SYMPOSIUM

The Regenerative Medicine International Symposium on tissue and wound healing held in RCSI Bahrain on May 5th 2016. The symposium was organised by Tissue Engineering Research Group (TERG) PI based in Bahrain, Dr Michael Keogh, and featured keynotes from TERG's Prof Garry Duffy and Prof Fergal O'Brien.



RCSI

Regenerative medicine for tissue healing:
Applications in cardiovascular disease, diabetes, breast cancer, skin and wound healing

Thursday, 5th May, 09:00-14:00 at Lecture theatre 2, RCSI Bahrain

for further details please contact:
Dr. Michael Keogh mkeogh@rcsi-mub.com

Royal College of Surgeons in Ireland
Medical University of Bahrain

Prof Fergal O'Brien
Professor of Bioregenerative & Regenerative Medicine, Deputy Director of Research and Head of TERG, RCSI
Regenerative medicine and advanced biomaterials, stem cell research

Prof Tim McGloughlin
Professor and Chair, Department of Biomedical Engineering, Khalifa University, UAE
Bioregenerative, medical devices and tissue repair

Dr Garry Duffy
Academy Lecturer, DRIVE coordinator, AMBER investigator, TERG member, RCSI
Stem cells for Diabetes
Type-1: devices and cardiac regeneration

Dr Grainne Gorman
Biomedical Research Centre Fellow, Newcastle University
Mitochondrial DNA and disease: mitochondrial myopathies to sustain a more physically active lifestyle

gene2skin
ADVANCED CELL TISSUE ENGINEERING AND WOUND REPAIR

TERG
TISSUE ENGINEERING RESEARCH GROUP

UMINHO PARTICIPATED IN EWMA 2016

The 26th Conference of the European Wound Management Association (EWMA) is held as a joint conference together with the Deutscher Wundkongress and WundDACH and **Dr. Alexandra Marques from UMINHO** had the chance of participating in this remarkable conference. This year the number of participants registered for the joint conference not only exceeded all previous EWMA Conferences but it also attracted a record high number of exhibitors which together displayed the newest developments within products and services related

to wound management. Building on the success of previous EWMA conferences, the international programme offered an exciting mix of scientific key sessions, workshops, guest sessions, lectures, full-day streams, and satellite symposia, meeting the scientific interests of Gene2Skin project.



Exhibition hall at EWMA conference (www.ewma.org)

RECENT AWARDS BY THE CONSORTIUM



Professor Fiona Watt received the 2016 FEBS | EMBO Women in Science Award On 26th February 2016 EMBO and FEBS announced Fiona Watt, Director of the Centre for Stem Cells and Regenerative Medicine at King's College London, as the winner of the 2016 FEBS | EMBO Women in Science Award. Professor Watt receives the award for **uncovering the mechanisms that control mammalian epidermal stem cell renewal and differentiation, and for discovering how these processes are deregulated in cancer, wound healing and inflammatory skin disorders**. Fiona Watt was also recognized for her **commitment to gender issues**, her leadership qualities and her active mentorship of junior scientists. The FEBS | EMBO Women in Science Award recognizes outstanding achievements of female researchers in life sciences. Winners of the award are role models who inspire future generations of researchers. For more information, visit <http://www.embo.org/funding-awards/women-in-science-award>



Professor Fiona Watt, KCL

SELECTED PUBLICATIONS BY THE CONSORTIUM



M. T. Cerqueira, R. P. Pirraco, R. L. Reis, A. P. Marques, Stem Cells in skin wound healing: are we there yet? *Advances in Wound Care*. March 2016, 5(4): 164-175. doi:10.1089/wound.2014.0607.

L. P. da Silva*, M. T. Cerqueira*, V. M. Correlo, R. L. Reis, A. P. Marques, Engineered hydrogel-based matrices for skin wound healing, *Wound Healing Biomaterials, Volume 2: Functional Biomaterials*, 2016, Pages 227–250

*both first authors



Elkenani M, Nyamsuren G, Raju P, Liakath-Ali K, Hamdaoui A, Kata A, Dressel R, Klonisch T, Watt FM, Engel W, Thliveris JA, Pantakani DV, Adham IM. 'Pelota Regulates Epidermal differentiation by Modulating BMP and PI3K/AKT Signaling Pathways.' *J Invest Dermatol*. 2016 May 6. pii: S0022-202X(16)31141-1. doi: 10.1016/j.jid.2016.04.020. PMID:27164299

Lichtenberger BM, Mastrogiannaki M, Watt FM. 'Epidermal β -catenin activation remodels the dermis via paracrine signalling to distinct fibroblast lineages.' *Nat Commun*. 2016 Feb 3;7:10537. doi: 10.1038/ncomms10537. PMID:26837596



Gene Delivery of TGF-Beta 3 and BMP2 in a MSC Laden Alginate Hydrogel for Articular Cartilage and Endochondral Bone Tissue Engineering. Gonzalez-Fernandez T, Tierney EG, Kelly DJ, O'Brien FJ. *Tissue Engineering Part A* 2016 22(9-10): 776-87.