

Accepted Manuscript

Spatial and single-cell transcriptional profiling identifies functionally distinct human dermal fibroblast subpopulations

Christina Philippeos, Stephanie Telerman, Bénédicte Oulès, Angela O. Pisco, Tanya J. Shaw, Raul Elgueta, Giovanna Lombardi, Ryan R. Driskell, Mark Soldin, Magnus D. Lynch, Fiona M. Watt

PII: S0022-202X(18)30036-8

DOI: [10.1016/j.jid.2018.01.016](https://doi.org/10.1016/j.jid.2018.01.016)

Reference: JID 1264

To appear in: *The Journal of Investigative Dermatology*

Received Date: 5 January 2018

Accepted Date: 21 January 2018

Please cite this article as: Philippeos C, Telerman S, Oulès B, Pisco AO, Shaw TJ, Elgueta R, Lombardi G, Driskell RR, Soldin M, Lynch MD, Watt FM, Spatial and single-cell transcriptional profiling identifies functionally distinct human dermal fibroblast subpopulations, *The Journal of Investigative Dermatology* (2018), doi: 10.1016/j.jid.2018.01.016.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Spatial and single-cell transcriptional profiling identifies functionally distinct human dermal fibroblast subpopulations

Christina Philippeos¹, Stephanie Telerman¹, Bénédicte Oulès¹, Angela O. Pisco¹, Tanya J. Shaw², Raul Elgueta³, Giovanna Lombardi³, Ryan R. Driskell^{1,4}, Mark Soldin⁵, Magnus D. Lynch^{1,6,*} and Fiona M. Watt^{1,*}

*Equal contribution

¹King's College London Centre for Stem Cells and Regenerative Medicine, Floor 28, Tower Wing, Guy's Hospital, Great Maze Pond, London SE1 9RT, United Kingdom

²King's College London, Centre for Molecular and Cellular Biology of Inflammation, London SE1 1UL, United Kingdom

³King's College London, MRC Centre for Transplantation, 5th Floor Tower Wing, Guy's Hospital, Great Maze Pond, London, SE1 9RT, United Kingdom

⁴School of Molecular Medicine, College of Veterinary Medicine, Washington State University, Pullman, Washington, USA

⁵Department of Plastic & Reconstructive Surgery, St George's Healthcare NHS Trust, London SW17 0QT, United Kingdom

⁶St John's Institute of Dermatology, 9th Floor, Tower Wing, Guy's Hospital, Great Maze Pond, London, SE1 9RT, United Kingdom

Corresponding author: Fiona M Watt (ORCID ID: 0000-0001-9151-5154)

Centre for Stem Cells & Regenerative Medicine

King's College London

28th Floor, Tower Wing

Guy's Campus

Great Maze Pond

London SE1 9RT

Short title: Human skin fibroblast heterogeneity

Download English Version:

<https://daneshyari.com/en/article/8716100>

Download Persian Version:

<https://daneshyari.com/article/8716100>

[Daneshyari.com](https://daneshyari.com)