## **Accepted Manuscript**

Adipose tissue-derived microvascular fragments improve vascularization, lymphangiogenesis and integration of dermal skin substitutes

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PII: S0022-202X(16)32275-8

DOI: 10.1016/j.jid.2016.08.010

Reference: JID 499

To appear in: The Journal of Investigative Dermatology

Received Date: 25 May 2016
Revised Date: 1 August 2016
Accepted Date: 15 August 2016

Please cite this article as: Frueh FS, Später T, Lindenblatt N, Calcagni M, Giovanoli P, Scheuer C, Menger MD, Laschke MW, Adipose tissue-derived microvascular fragments improve vascularization, lymphangiogenesis and integration of dermal skin substitutes, *The Journal of Investigative Dermatology* (2016), doi: 10.1016/j.jid.2016.08.010.

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**Original Article** 

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Short title: Microvascular fragments and skin substitutes

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Abbreviations: ad-MVF, adipose tissue-derived microvascular fragments; ASAM, adipo-

cyte-specific adhesion molecule; FCS, fetal calf serum; FITC, fluorescein isothiocyanate;

GFP, green fluorescent protein; HE, hematoxylin eosin; LYVE-1, lymphatic vessel endotheli-

al hyaluronan receptor-1; PBS, phosphate-buffered saline; RBC, red blood cell; ROIs, regions

of interest; SMA, smooth muscle actin; STSG, split-thickness skin grafts

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