

## Accepted Manuscript

De novo generation in an in vivo rat model and biomechanical characterization of autologous transplants for ligament and tendon reconstruction

Marc Soubeyrand, Elisabeth Laemmel, Nathalie Maurel, Amadou Diop, Thierry Lazure, Jacques Duranteau, Eric Vicaut



PII: S0268-0033(17)30318-2  
DOI: <https://doi.org/10.1016/j.clinbiomech.2017.12.006>  
Reference: JCLB 4434  
To appear in: *Clinical Biomechanics*  
Received date: 9 May 2017  
Accepted date: 12 December 2017

Please cite this article as: Marc Soubeyrand, Elisabeth Laemmel, Nathalie Maurel, Amadou Diop, Thierry Lazure, Jacques Duranteau, Eric Vicaut , De novo generation in an in vivo rat model and biomechanical characterization of autologous transplants for ligament and tendon reconstruction. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Jclb(2017), <https://doi.org/10.1016/j.clinbiomech.2017.12.006>

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.

***De novo* generation in an *in vivo* rat model and biomechanical characterization of autologous transplants for ligament and tendon reconstruction**

Marc Soubeyrand,<sup>a, b</sup> Elisabeth Laemmel,<sup>b</sup> Nathalie Maurel,<sup>c</sup> Amadou Diop,<sup>c</sup> Thierry Lazure,<sup>d</sup>  
Jacques Duranteau,<sup>b, e</sup> Eric Vicaut<sup>b</sup>

a. Department of Orthopaedic Surgery, Bicetre University Hospital, Public Assistance of Paris Hospital, France

b. Laboratoire d'Étude de la Microcirculation, Faculté de Médecine Diderot Paris VII, U942, Paris, France

c. Equipe Biomécanique et Remodelage Osseux, Ecole Nationale Supérieure d'Arts et Métiers, 151 Boulevard de l'Hôpital, 75013 PARIS, France

d. Department of Pathology, Bicetre University Hospital, Public Assistance of Paris Hospital, France

e. Department of Intensive Care and Anesthesiology, Bicetre University Hospital, Public Assistance of Paris Hospital, France

\*Corresponding author:

Amadou DIOP

Equipe Biomécanique et Remodelage Osseux (EPBRO)

Ecole Nationale Supérieure d'Arts et Métiers

151 boulevard de l'Hôpital, 75013 Paris, FRANCE

Email address: amadou.diop@ensam.eu

Word count:            Abstract: 250            Main text: 4850

Number of figures and tables: 6

Download English Version:

<https://daneshyari.com/en/article/8797834>

Download Persian Version:

<https://daneshyari.com/article/8797834>

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