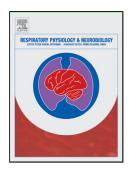
Accepted Manuscript

Title: Effects of Mechanical Ventilation on Gene Expression Profiles in Renal Allografts from Brain Dead Rats

Authors: Maximilia C. Hottenrott, Joerg Krebs, Paolo Pelosi, Thomas Luecke, Patricia R.M. Rocco, Carsten Sticht, Annette Breedijk, Benito Yard, Charalambos Tsagogiorgas



PII:	S1569-9048(17)30172-6
DOI:	http://dx.doi.org/doi:10.1016/j.resp.2017.07.010
Reference:	RESPNB 2838
To appear in:	Respiratory Physiology & Neurobiology
Received date:	14-6-2017
Revised date:	26-7-2017
Accepted date:	27-7-2017

Please cite this article as: Hottenrott, Maximilia C., Krebs, Joerg, Pelosi, Paolo, Luecke, Thomas, Rocco, Patricia R.M., Sticht, Carsten, Breedijk, Annette, Yard, Benito, Tsagogiorgas, Charalambos, Effects of Mechanical Ventilation on Gene Expression Profiles in Renal Allografts from Brain Dead Rats.Respiratory Physiology and Neurobiology http://dx.doi.org/10.1016/j.resp.2017.07.010

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.

ACCEPTED MANUSCRIPT

Effects of Mechanical Ventilation on Gene Expression Profiles in Renal Allografts from Brain Dead Rats

Maximilia C. Hottenrott^{1, 2†}, Joerg Krebs^{1†}, Paolo Pelosi³, Thomas Luecke¹, Patricia R. M. Rocco⁴, Carsten Sticht⁵, Annette Breedijk², Benito Yard², Charalambos Tsagogiorgas¹

[†] MCH and JK contributed equally to this work.

¹ Department of Anaesthesiology and Critical Care Medicine, University Medical Center Mannheim, Medical Faculty Mannheim, University of Heidelberg, Mannheim, Germany.

² Department of Internal Medicine V, University Medical Center Mannheim, Medical Faculty Mannheim, University of Heidelberg, Mannheim, Germany.

³Department of Surgical Sciences and Integrated Diagnostics, IRCCS AOU San Martino- IST, University of Genoa, Genoa, Italy.

⁴Laboratory of Pulmonary Investigation, Carlos Chagas Filho Institute of Biophysics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil.

⁵Centre for Medical Research (ZMF), University Medical Center Mannheim, Medical Faculty Mannheim, University of Heidelberg, Mannheim, Germany.

Correspondence to:

PD Dr. med. Charalambos Tsagogiorgas Department of Anaesthesiology and Critical Care Medicine, University Medical Center Mannheim, Faculty of Medicine University of Heidelberg, Theodor-Kutzer-Ufer 1-3, D-68167 Mannheim, Germany Phone: +49-621-383-2415 Fax: +49-621-383-3806 E-mail: charalambos.tsagogiorgas@medma.uni-heidelberg.de

Highlights

- We used a rat model of explosive brain death (BD)
- All animals were either ventilated with low tidal volumes and open lung PEEP or with

high tidal volume/low PEEP

Download English Version:

https://daneshyari.com/en/article/5594062

Download Persian Version:

https://daneshyari.com/article/5594062

Daneshyari.com