### Accepted Manuscript

Hydroxychloroquine as a novel therapeutic approach in mast cell activation diseases

Eric Espinosa, Salvatore Valitutti, Michel Laroche, Camille Laurent, Pol André Apoil, Olivier Hermine, Michel Lavit, Carle Paul, Cristina Bulai Livideanu

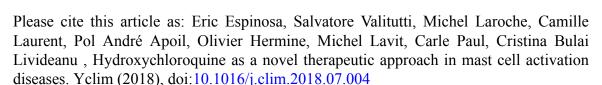
PII: S1521-6616(18)30314-0

DOI: doi:10.1016/j.clim.2018.07.004

Reference: YCLIM 8067

To appear in: Clinical Immunology

Received date: 4 May 2018 Revised date: 5 July 2018 Accepted date: 5 July 2018



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

#### Hydroxychloroquine as a novel therapeutic approach in mast cell activation diseases

Eric Espinosa, PhD<sup>1</sup>, Salvatore Valitutti, MD<sup>1</sup>, Michel Laroche, MD, PhD<sup>2</sup>, Camille Laurent, MD<sup>3</sup>, Pol André Apoil, MD, PhD<sup>4</sup>, Olivier Hermine, MD, PhD<sup>5</sup>, Michel Lavit, PharmD<sup>6</sup>, Carle Paul, MD, PhD<sup>7</sup>, Cristina Bulai Livideanu, MD, MSc<sup>1,7</sup>

<sup>7</sup>Paul Sabatier University, Mastocytosis National Reference Center (CEREMAST), Department of Dermatology, Toulouse University and CHU, Toulouse, France

Corresponding Author: Cristina Bulai Livideanu, CEREMAST, Department of Dermatology, Toulouse University and CHU, 24 Chemin de Pouvourville TSA 30030 31059 Toulouse Cedex 9 and Inserm, U1043, Toulouse, F-31300, France, CPTP, Toulouse, F-31300, France, Phone: +33 567778135, Fax: +33 567778136, E-mail: livideanu.c@chutoulouse.fr

<sup>&</sup>lt;sup>1</sup>Inserm, U1037, Centre de Recherche en Cancérologie de Toulouse (CRCT), Toulouse, F-31037, France.

<sup>&</sup>lt;sup>1</sup>Université de Toulouse, Université Paul Sabatier, Toulouse, F-31062, France

<sup>&</sup>lt;sup>2</sup>Department of Rheumatology, Toulouse University and CHU, Toulouse, France

<sup>&</sup>lt;sup>3</sup>Department of Pathology, Institut Universitaire du Cancer, Toulouse Oncopole, University of Toulouse III Paul Sabatier, Toulouse, France

<sup>&</sup>lt;sup>4</sup>Immunology Laboratory, Toulouse University Hospital, Toulouse, France

<sup>&</sup>lt;sup>5</sup>CEREMAST, Department of Hematology, Necker Hospital, Paris-APH, Paris, France

<sup>&</sup>lt;sup>6</sup>Pharmacokinetics and toxicology Laboratory, Toulouse University and CHU, Toulouse, France

#### Download English Version:

# https://daneshyari.com/en/article/8721221

Download Persian Version:

https://daneshyari.com/article/8721221

<u>Daneshyari.com</u>