## Accepted Manuscript

Early reduction of matrix metalloproteinase-8 serum levels is associated with leptin drop and predicts diabetes remission after bariatric surgery

Luca Liberale, Aldo Bonaventura, Federico Carbone, Maria Bertolotto, Paola Contini, Nicola Scopinaro, Giovanni Bruno Camerini, Francesco Saverio Papadia, Renzo Cordera, Giovanni Guido Camici, Franco Dallegri, Gian Franco Adami, Fabrizio Montecucco

PII: S0167-5273(17)31154-3

DOI: doi:10.1016/j.ijcard.2017.07.044

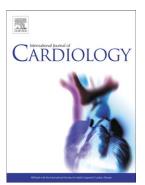
Reference: IJCA 25265

To appear in: International Journal of Cardiology

Received date: 21 February 2017 Revised date: 3 June 2017 Accepted date: 12 July 2017



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.



Early reduction of matrix metalloproteinase-8 serum levels is

associated with leptin drop and predicts diabetes remission after

bariatric surgery

Luca Liberale<sup>1,2</sup>, Aldo Bonaventura<sup>1</sup>, Federico Carbone<sup>1</sup>, Maria Bertolotto<sup>1</sup>, Paola

Contini<sup>3</sup>, Nicola Scopinaro<sup>4,5</sup>, Giovanni Bruno Camerini<sup>5</sup>, Francesco Saverio Papadia<sup>5</sup>,

Renzo Cordera<sup>6</sup>, Giovanni Guido Camici<sup>2</sup>, Franco Dallegri<sup>1,7</sup>, Gian Franco Adami<sup>4,5</sup>,

Fabrizio Montecucco<sup>1,7,8</sup>

<sup>1</sup> First Clinic of Internal Medicine, Department of Internal Medicine, University of

Genoa, 6 viale Benedetto XV, 16132 Genoa, Italy. <sup>2</sup> Center for Molecular Cardiology,

University of Zürich, 12 Wagistrasse, 8952 Schlieren, Switzerland. <sup>3</sup> Clinical

Immunology, Department of Internal Medicine, University of Genoa, 6 viale Benedetto

XV, 16132 Genoa, Italy. <sup>4</sup> International Federation of Surgery for Obesity, Genoa, Italy.

<sup>5</sup> Department of Surgery, University of Genoa, IRCCS AOU San Martino - IST, 10

Largo Benzi, 16132, Genoa, Italy. <sup>6</sup> Diabetology Unit, Department of Internal Medicine,

University of Genoa, 6 viale Benedetto XV, 16132 Genoa, Italy. 7 First Clinic of

Internal Medicine, IRCCS AOU San Martino - IST, Genoa, 10 Largo Benzi, 16132,

Genoa, Italy. 8 Centre of Excellence for Biomedical Research (CEBR), University of

Genoa, 9 viale Benedetto XV, 16132 Genoa, Italy.

Running title: MMP-8 levels predict diabetes remission

## Download English Version:

## https://daneshyari.com/en/article/5604617

Download Persian Version:

https://daneshyari.com/article/5604617

<u>Daneshyari.com</u>