

**ELISABETTA BUGIANESI, MD PhD**  
**CURRICULUM VITAE**

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**Brief statement:**

Prof. Bugianesi is clinical researcher, international acknowledged expert on Non-Alcoholic Fatty Liver Disease (NAFLD) with over 15 years experience in the field where she has made a particular impact with work describing the metabolic mechanisms of insulin resistance related to the onset and progression of liver damage, the natural history of the disease including the first demonstration of HCC as a complication of NASH-related liver disease, the development of non-invasive markers of fibrosis including the NAFLD Fibrosis score, currently recommended by the EASL-EASD-EASO Clinical practice Guidelines on NAFLD (J Hepatology, 2016) and the involvement in several trials for the treatment of NAFLD/NASH. Her post-graduate training included a PhD fellowship at Case Western Reserve University, Cleveland, USA, from 1995 to 1998 where she became expert in the use of stable isotopes to study in vivo metabolism. She has been principal investigator of FP7 funded Fatty Liver: Inhibition of Progression (FLIP) consortium (2010-2013), assembling the largest cohort to date of highly phenotyped, histologically characterized patients with NAFLD for the genetics work-package and she is currently principal investigator in other two major EU funded research consortia: 'EPoS' Elucidating Pathways of Steatohepatitis (EU H2020 funded €6 million, 2015-2019) and 'LITMUS' Liver Investigation: Testing Marker Utility in Steatohepatitis (EU IMI2 funded €34 million, 2017-2022). As clinician, she is a practicing Hepatologist based at the GI Division of the University Hospital "Città della Salute e della Scienza of Torino", Italy, where she is the Head of the Hepatology Outpatient Clinic (with about 1500 patients/year) and the Head of the Gastrohepatology Laboratory. She is Associate Editor of Journal of Hepatology and Member of the Editorial Boards of Nature Gastroenterology and Hepatology, Hepatology and Liver International, member of the Lancet-EASL Commission on Liver Disease in Europe.

**Degrees: MD, PhD**

- Degree in Medicine and Surgery
- Specialty in Internal Medicine
- PhD in Hepatology
- PhD in Experimental Pathology

**Present appointment**

- Deputy Director of the Department of Medical Sciences
- Associate Professor of Gastroenterology. Department of Medical Sciences, Division of Gastroenterology University of Torino, Italy. 2005-present
- Head of the Gastro-Hepatology Laboratory

### **International fellowships**

- PhD Fellow c/o Gastroenterology and Hepatology Division Cleveland Clinic (Prof AJ McCullough) and Mass Spec lab (Prof SC Kalhan) Case Western Reserve University (CWRU), Cleveland (OH), USA (1995 – 1998)

### **Memberships**

- European Association for the Study of the Liver (EASL).
- American Association for the Study of Liver Disease (AASLD).
- Società Italiana di Gastroenterologia (Italy).
- Associazione Italiana Gastroenterologi Ospedalieri (AIGO).
- Associazione Italiana Studio Fegato (AISF)

### **COMMISSIONS AND EDITORIAL BOARDS**

- Commissioner of the EASL – LANCET COMMISSION ON LIVER DISEASE IN EUROPE and Chair of the WG4: Educational framework to support standards (current)
- Associate Editor of Journal of Hepatology (official journal of the European Association for the Study of Liver Disease, EASL)– (2014-current)
- Web editor of Journal of Hepatology – (2011-2014)
- Member of the Editorial Board of Hepatology (official journal of the American Association for the Study of Liver Disease, AASLD)
- Member of the Editorial Board of Nature gastroenterology and Hepatology
- Member of the Editorial Board of Liver International
- Course Director, EASL (European Association for the Study of Liver Disease) Clinical School of Hepatology on Metabolic Liver Diseases, Course 11, Torino 2007
- Course Director, EASL (European Association for the Study of Liver Disease) Clinical School of Hepatology on Metabolic Liver Diseases, Course 14, Torino 2010
- Course Director, AISF (Associazione Italiana per lo Studio del Fegato) Clinical School of Hepatology on NAFLD, Torino 2014

### **Publications in indexed journals**

H Index = 53 (Scopus)

N. Citations (2004-2019)= 19520 (Scopus)

### **Main research interests (chronological order):**

- Diabetes and cirrhosis: pathogenesis and clinical implications
- Nutritional status and chronic liver disease: pathogenesis and clinical implications
- Study of the metabolic abnormalities in chronic HCV related liver disease
- Study of the pathogenic mechanisms of chronic hepatitis due to metabolic causes (Nonalcoholic fatty liver disease, NAFLD and Nonalcoholic Steatohepatitis, NASH)
- Epidemiology and natural history of chronic hepatitis due to NAFLD, including hepatocellular carcinoma.
- Therapeutic trials for the treatment of chronic liver disease due to NAFLD

## Main international research grants

H2020 IMI2 LITMUS Project (H2020-JTI-IMI2-2016-09-two-stage)	EU	Member of the Steering Committee, National coordinator and local PI	2018	2023
Horizon 2020-EPoS: Elucidating the pathways of Steatohepatitis (International)	EU	Member of the Steering Committee, National coordinator and local PI	2015	2019
FP7-HEALTH-2009-SINGLE STAGE: Fatty Liver: Inhibition of Progression (International)	EU	Member of the Steering Committee, National coordinator and local PI	2010	2014

## Main international cooperations

- Liver Unit, University of Newcastle-upon-Tyne, United Kingdom (Prof. CP Day, prof. Q. Anstee)
- Université Pierre et Marie Curie and Assistance Publique, Hôpitaux de Paris, Service d'Hépatogastroentérologie (Prof. V. Ratziu), Groupe Hospitalier Pitié Salpêtrière, Paris, France
- Department of Hepatology and Gastroenterology, Aarhus University Hospital, Aarhus, Denmark
- University Medical Centre Mainz, Germany (Prof. D. Schuppan)
- University of Helsinki, Finland (Prof. H. Yki-jarvinen)
- University of Seville (Prof. M. Romero Gomez)
- Division of Gastroenterology, Cleveland Clinic Foundation (Prof. AJ McCullough) and Division of Neonatology, Case Western Reserve University (Prof. SC Kalhan), Cleveland (OH), USA
- Division of Gastroenterology, Mayo Clinic, Rochester (MN), USA (Prof. P Angulo, Prof. KD Lindor)
- Storr Liver Unit, Westmead Millennium Institute and the Department of Gastroenterology and Hepatology( Prof. J George), University of Sydney at Westmead Hospital, NSW, University of Sydney, Australia

## Teaching activity at University of Torino

Insegnamento, Corso integrato, Corso di laurea	AA
Gastroenterologia, Corso integrato di CLINICA E PATOLOGIA DELL'ADDOME E ENDOCRINOLOGIA, School of Medicine, Università di Torino	2015-current
GASTROENTEROLOGIA, INFERMIERISTICA CLINICA IN AREA MEDICA SEDE ASL TO2 ASL TO4, Università di Torino,	2006- current
Gastroenterologia, Corso di Laurea in Logopedia, Università di Torino	2017- current

Laurea Specialistica in GASTROENTEROLOGIA, Università di Torino	2006- current
NUTRIZIONE IN GASTROENTEROLOGIA E NEFROLOGIA, Corso di Laurea in Dietistica, Università di Torino	2006-2013
Gastroenterologia, Corso di Laurea in Scienze Infermieristiche, Polo S. Luigi, Università di Torino	2008-2010