

**PERSONAL INFORMATION** **Patrizia Burra****CURRENT POSITION**

Full Professor of Gastroenterology, Department of Surgery, Oncology and Gastroenterology, University of Padova (Italy)

Head of Multivisceral Transplant Unit, Padova University Hospital (Italy)

**EDUCATION AND TRAINING****1984 Medical Degree**

Medical School, University of Padova (Italy)

**1988 Specialization on Gastroenterology and Endoscopy**

School of Specialization in Gastroenterology and Endoscopy, University of Padova (Italy)

**1988-1991 Visiting Researcher**

Liver Unit and Liver Research Laboratories, Queen Elizabeth Hospital, Birmingham, UK

**1988-1993 PhD on Hepatology**

University of Modena and Padova (Italy)

**ACADEMIC POSITION****2001-2014 Assistant Professor of Gastroenterology**

Gastroenterology - Department of Surgery and Gastroenterology  
University of Padova (Italy)

**2014-2019 Associate Professor of Gastroenterology**

Gastroenterology - Department of Surgery, Oncology and Gastroenterology  
University of Padova (Italy)

**2019-present Full Professor of Gastroenterology**

Gastroenterology - Department of Surgery, Oncology and Gastroenterology  
University of Padova (Italy)

**2015-2021 ViceRector on Research Training**

University of Padova (Italy)

**2021-present Delegate for Specialisation Schools and the Centre for Post-Graduate Specialised Training**

University of Padova (Italy)

**CLINICAL POSITION****1993-1995 Senior Registrar**

Gastroenterology  
Padova University Hospital (Italy)

**1995-2001 Consultant**

Gastroenterology  
Padova University Hospital (Italy)

2004-present **Head of Multivisceral Transplant Unit**  
Padova University Hospital (Italy)

## RESEARCH ACTIVITY

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### Basic research

Primary cultures of human hepatocytes  
a. Separation and culture of human hepatocytes  
b. Expression of receptors for thyroid hormones on human hepatocytes  
(Project carried out at the Liver Unit, Queen Elizabeth Hospital, Birmingham, UK 1988-1991)

Use of stem cells in the treatment of liver and bowel diseases  
a. differentiation of stem cells from human umbilical cord and human cord blood and preparation of homologous acellular matrix of liver  
b. ex vivo expansion of stem cells from cord blood and animal models of acute hepatic injury treated with cell therapy  
c. animal models of inflammatory bowel damage and cell therapy

Lipid peroxidation  
a. lipoperoxidation activity during alcoholic liver disease and dysmetabolic diseases and post-liver transplant complications

Lymphocyte adhesion molecules and endothelial damage  
a. immunohistochemical evaluation of lymphocyte adhesion molecules (ICAM-1 and LFA-1) and indexes of endothelial damage (ELAM-1) during acute alcoholic hepatitis

Ischemia and hepatic reperfusion injury  
a. ischemia and reperfusion injury of the liver in experimental model on pigs treated with L-arginine

**Clinical research**

Hormones assessment during liver disease  
a. thyroid hormones, sex hormones, glucocorticoids

Hepatic encephalopathy  
a. cognitive function / regional cerebral flow SPECT and PET before and after liver transplantation

Liver transplantation  
a. Indications for liver transplantation  
b. Prevention and management of recurrence, therapy of HCV and HBV infection after liver transplantation  
c. Histological evaluation of the recurrence of alcohol-related liver damage after liver transplantation  
d. Epidemiological study of de novo neoplasms after organ transplantation

Kidney transplant  
a. Score of liver disease and prognostic factors in patients on hemodialysis and after kidney transplantation with HCV or HBV infection

Organ donor evaluation  
a. Histopathology of the donor liver: steatosis  
b. Predictive factors of outcome in the donor-recipient match  
c. Mathematical models for waiting list management

Quality of life, adherence, education  
a. Quality of life before and after liver transplantation  
b. Attitudes of students towards organ donation  
c. Adherence to medical therapies before and after liver transplantation  
d. Sexuality in males and females, before and after liver transplantation

## SCIENTIFIC PRODUCTION

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Scientific metrics overview (Scopus)

500 documents published.  
Total citations: 14499 (Scopus)  
H INDEX (Scopus): 60

Total Impact factor: 4127,022  
Medium Impact factor for paper: 9.78

22 Book chapters in Italian  
10 Book chapters in English

430 invited lectures and presentations at congresses and symposia (328 Italian, 102 International)  
109 invited chair at congresses and symposia (75 Italian, 34 International)

## SCIENTIFIC SOCIETIES

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### Gastroenterology

#### **Italian Society of Gastroenterology (SIGE)**

Member of Board 2016-2017  
Vice-President 2017-2020  
Scientific Committee Member 1994-1997  
Annual Meeting Scientific Committee member 1997-1998  
Chair Stem cell study group 2009-2018  
Co-organizer SIGE-ELITA Meeting Rimini 9 March 2008

#### **UNIGASTRO (Teaching Session of SIGE)**

Member Executive Committee 2009-2015

#### **UEG (United European Gastroenterology) PAC (Public Affairs Committee)**

EASL representative 2012-2016  
Chair UEG PAC 2022-2025

### Hepatology

#### **Italian Association for the Study of the Liver (AISF)**

Liver Transplant Commission Member 1996-1998  
Honorary Diploma Transplant Hepatologist 23 July 2013  
Permanent Liver Transplant Commission Member 2010-2016  
Permanent Liver Transplant Commission Chair 2019 - on going

#### **EASL (European Association for the Study of the Liver) EU (European Union)**

Organizer EASL Monothematic conference on stem Cells - Venice 25-26 September 2003  
EASL Spokesperson EU, 14.09.2010  
EASL EU Policy Councillor, 2012-2016  
Workshop Primary liver cancer - facts and figures of a preventable cancer Bruxelles, 30.05.2012  
Lobby Days EASL UEG. Bruxelles, 19-20.02.2013  
MedAlliane. Bruxelles, 15.11.2013  
Lobby Day EASL Bruxelles 05.03.2014 e UEG  
Workshop Chronic Liver Diseases Bruxelles 03.04.2014  
Eurocare Bruxelles, 27.11.2014  
Friends of the Liver Bruxelles, 27.05.2015

#### **AASLD (American Association for the Study of Liver Diseases)**

Fellow AASLD from April 2021

### Liver Transplantation

#### **UEMS Union Europeene Des Medecins Specialistes**

Chairman European Board of Transplant Medicine 2011-2015  
Honorary Diploma in Transplant Medicine 31.1.2012

#### **European Liver and Intestine Transplant (ELITA)**

Vice-President 1999-2005  
President 2005-2009

Co-Organizer International Congress ELITA ILTS LICAGE Milan 3-6 May 2006  
Organizer ELITA Wintermeeting Cortina 2008

**European Society Organ Transplant (ESOT)**

Vice-President 2003-2005  
Education Committee Chair 2001-2009

**International Liver Transplant Society (ILTS)**

Councilor since 2009  
Educational Committee member and Chair 2009-2013  
Treasurer 2013-2016  
President elect 2016-2017  
President 2017-2018  
Past President 2018-2019  
Co-Organizer Liver Transplant Course with EASL; LICAGE; ELITA; ILTS 2013-2019

**NIT (North Italian Transplant)**

Vicepresident from 2016 to 2019  
President from 2019 to present

**SCIENTIFIC JOURNALS**

Associate editor and journal  
reviewer

**Co-chair The Lancet – EASL Commission on liver diseases in Europe from 30.04.2018**

**Deputy Editor of Journal of Hepatology from 01.07.2019**

**• Associate Editor**

1. Transplant International from 2009 to present
  2. American Journal of Transplantation 2010-2014
  3. Digestive and Liver Disease from 2015 to present
- Special Section Editor: Journal of Hepatology 2017-2019

**• Editorial Board**

1. Liver International from 2006
2. Journal of Hepatology from 2006
3. Transplant International from 2006
4. Transplantation from 2007
5. The Annals of Transplantation from 2007
6. Journal of Transplantation from 2008

**• Reviewer**

1. Liver Transplantation
2. Journal of Hepatology
3. Transplant International
4. International Journal of Artificial Organs
5. NCP Gastroenterology and Hepatology
6. Digestive and Liver Diseases
7. Gut
8. Transplantation
9. American Journal of Transplantation
10. Nephrology Dialysis Transplantation
11. Transplantation Proceedings
12. British Journal of Surgery
13. Clinical transplantation
14. Liver International
15. Transplant Infectious Disease
16. European J Pharmacology
17. Transplantation Reviews
18. The Lancet Oncology
19. The Lancet Gastroenterology and Hepatology
20. Molecular and cell endocrinology
21. Metabolism

22. Journal of psychosomatic research
23. Journal of advanced research
24. European Journal of Internal Medicine
25. Human immunology
26. Alimentary Pharmacology & Therapeutics
27. The Lancet

- **Co-Editor of 3 volumes**
- **Guest Editor of 4 volumes**

#### OTHER CHARGES

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1. President of the non-profit organization "Marina Minnaja Association for liver transplantation research and study", from 1998
2. Scientific Coordinator of the Regional Center on Cell Therapy for the Metabolic Liver Diseases Padova University Hospital (Italy) from 2004
3. Member of the Scientific Technical Committee of the Interdepartmental Center for Research and Services for Biology and Medicine of Regeneration Deputy Director from 2005.
4. Expert hepatologist Project DSMB on liver transplantation for colorectal metastasis, Chair René Adam Paris 29.7.2015
5. Member of the project "100 Women against stereotypes" from 2017

Padova, 29/10/2022

Patrizia Burra