

Curriculum Vitae Pierluigi Toniutto, MD

Name: Pierluigi Toniutto

Date of birth: March 20, 1964

Place of birth: Latisana (Udine), Italy

Working address: Azienda Sanitaria Universitaria Integrata - Santa Maria della Misericordia di Udine- Piazzale S. Maria della Misericordia, 15 – 33100 Udine- Italy

Fiscal Code: TNTPLG64C20E473Q

Military service: 1990-1991, as a hospital assistant at the Department on Internal Medicine, Military Hospital of Padua, Italy

Medical degrees:

1983 Bachelor of Science Degree, Scientific Institute of Latisana, score 44/60

1989 Doctor of Medicine and Surgery, University of Trieste, with lode (110/110). Thesis in Geriatrics and Gerontology entitled “Cerebral aging and Alzheimer Disease” (Director: Prof. Guido Curri)

State license examination, Doctor of Medicine and Surgery, University of Bologna

1994 Specialty in Internal Medicine (70/70), University of Padova, score 70/70. Thesis entitled “Antibody response against synthetic epitopes of the hepatitis C virus genome” (Director: Prof. Arturo Ruol)

Academic Titles and Clinical Appointments:

1987-89 Internship, Dept. of Geriatrics and Gerontology, University of Trieste (Director: Prof. Guido Curri)

1989-90 Assistant Physician, Institute of Medicine, University of Trieste (Director: Prof. F. S. Feruglio)

1991-96 Assistant Physician, Dept. of Internal Medicine, University Hospital of Udine (Director: Prof. Ettore Bartoli)

1995-96 Guest Scientist, Molecular Pathology Unit of the International Centre of Genetic Engineering and Biotechnology, Padriciano Trieste (Directors: Prof. Francisco Baralle, Prof. Arturo Falaschi)

1996-98 Assistant Medical Director, non-tenure, Dept. of Hygiene and Epidemiology, University of Udine (Director: Prof. V. Gasparini)

1998 Assistant Medical Director, tenure, Dept. of Hygiene and Epidemiology, University Hospital of Udine (Director: Prof. Vinicio Gasparini)

1999 Member of the Medical Team for liver transplants, Dept. of Internal Medicine, University Hospital of Udine (Director: Dr. Mario Pirisi)

2001 Assistant Medical Doctor, tenure, head of the Operative Unit of Hepatology and Ambulatory Liver Transplanted patients of the dept. of Internal Medicine, University Hospital of Udine (Director: Prof. Gianfranco Ferraccioli)

2002 Researcher in Internal Medicine, tenure, Dept. of Internal Medicine, University of Udine. Head of the Operative Unit of Medical Liver Transplantation Team.

- 2007 Associate Professor of Medicine, Head of the Operative Unit of Medical Liver Transplantation Program, University of Udine, Italy.
- 2011 Acquisition of Honorary Diploma of Transplant Hepatology by European Board of Transplant Medicine
- 2013 Acquisition of Honorary Diploma of Transplant Hepatology by Italian Association for the study of the liver
- 2014 Acquisition of national competence to the role of full professor of Gastroenterology and of Internal Medicine
- 2018 Chief of the Hepatology and Liver Transplantation Unit, Academic Hospital, University of Udine, Italy

Non-academic Titles:

- 1992-93 Substitute Physician Nocturnal on-call and Emergency unit, Latisana Hospital, Italy
- 1993-96 Responsible Physician Nocturnal on-call and Emergency Unit, Latisana Hospital, Italy

Academic Teaching roles:

- Teacher, Internal Medicine, 5th-6th year Medical University students, Faculty of Medicine and Surgery, University of Udine
- Invitations to oral presentations in many national and international congresses in the field of hepatology and liver transplantation.
- Teaching Professor (term contract) for integrated courses of Infectious Diseases and Internal Medicine, Specialty School of Hygiene and Preventive Medicine, Faculty of Medicine and Surgery, University of Udine
- Teaching Professor (term contract) for courses of Infectious Diseases, School of Obstetrics, Faculty of Medicine and Surgery, University of Udine
- Teaching Professor for Course of Transplant Medicine, Degree of Internal Medicine, Faculty of Medicine and Surgery, University of Udine
- Teaching professor of Gastroenterology and Internal Medicine, faculty of Medicine and Surgery, University of Udine

Invited international lectures:

- 2011 EASL symposium on Liver Transplantation, Lisbona. Invited lecture's title: *"Immunosuppression in liver transplantation"*.
- 2012 International Liver Transplant Society (ILTS) joint meeting, Valencia 2011: Invited lecture's title: *"Non invasive monitoring of liver fibrosis in recurrent hepatitis C after liver transplantation"*.

Associations:

- Member of the Scientific Committee of the Italian Association of the Study of the Liver (AISF)
- Chief of the Committee of the Italian Association of the Study of the Liver (AISF) for Liver Transplantation (from 2013 to 2018)
- Member of the European association of the Study of the Liver (EASL)
- Reviewer for the following scientific journals: Journal of Hepatology, Hepatology, Medical Science Monitor, Clinical Biochemistry, Obesity Research, Journal of Viral Hepatitis, Journal of Medical Virology, Transplantation, Liver Transplantation, Archives of Virology, Clinical Biochemistry, Liver International, Hepatology Research, Transplant International, World Journal of Gastroenterology, Digestive Disease and Sciences, Digestive and Liver Disease, Journal of Gastroenterology and Hepatology, Journal of Gastroenterology.
- Member of the editorial board of Liver International, World Journal of Hepatitis, International Journal of Hepatitis, Canadian Journal of Gastroenterology and Hepatology.

Current Areas of Research:

1. Immunopathology of viral hepatitis: molecular biology and viral genetics (Polymerase chain reaction, Sequencing, Cloning, Immunoblotting, Northern e Southern-Blot analysis)
2. The heterogeneity of hepatitis C virus (HCV) and hepatitis G virus (HGV): isolation of human biologic material of the viral genome and its nucleotide and amino acid characteristics
3. Antibody response against synthetic epitopes and their clinical-pathologic significance in human HCV and HGV infections
4. Messenger RNA and their modulations in the liver in experimental conditions of hypoxia-regeneration
5. The expression of molecular adhesion and its physio-pathological role in patients with liver disease
6. The acute phase response and damage of free oxygen radicals in patients with acute and chronic liver diseases and with hepatocellular carcinoma
7. Genetics analysis of the human HFE gene and its variants in patients with idiopathic or secondary hemochromatosis
8. Isolations of biological material and molecular and genetic characterization of the principal Enterovirus
9. Isolation from biologic material and tissue of DNA viral sequences of the new viral agent TTV. Computerized analysis of nucleotide sequences and translations in amino acid sequences for studying humoral immunity against synthetic epitopes of such proteins
10. Genetic analysis of polymorphism of TNF gene and its correlation with survival and relapse of neoplastic hepatic disease
11. Studies on viral reactivation of hepatotropic virus after liver transplant and therapeutic response to antiviral drugs.
12. Analysis of factors involved in the liver fibrosis development in chronic viral hepatitis and in the context of hepatitis C virus recurrence after liver transplantation.
13. Role of vitamin D, vitamin A and other host genetics factors in predicting antiviral response in chronic hepatitis C.
14. Hemodynamic changes in splanchnic circulation in patients with portal hypertension before and after liver transplantation.
15. Medical care of patients with advanced liver diseases and after liver transplantation.

Investigator in Clinical Trials:

Involved in GCP training studies:

1. HCV studies:
 - a. Principal local investigator in the Italian multicenter clinical trial concerning the prophylactic use of pegylated interferon alpha in association with ribavirin in the treatment of recurrent hepatitis C after liver transplantation
 - b. National coordinator of the multicenter clinical trial designed to evaluate the safety and the efficacy of interferon and ribavirin in the treatment of recurrent hepatitis C after liver transplantation
 - c. National coordinator of the no-profit randomized clinical study concerning the evaluation of the efficacy and safety of cholecalciferol administration in enhancing the sustained viral response rates in naïve patients with HCV genotype 1 chronic hepatitis
 - d. Principal local investigator of the clinical study protocol Schering Plough P02733 – long term pegylated alpha 2b interferon therapy of patients with chronic hepatitis C related cirrhosis and high liver cell proliferation: a multicentre study of hepatocellular carcinoma prevention; sponsor Schering Plough
 - e. Principal local investigator of the clinical study protocol COLO400A2430 – SUSTAIN, concerning the evaluation of sustained viral response in treating patients with recurrent hepatitis C after liver transplantation maintained in immunosuppressive therapy with tacrolimus or cyclosporine; sponsor Novartis Farma
 - f. Principal local investigator of the compassionate use of Sofosbuvir in treating patients with severe recurrence of hepatitis C after liver transplantation
 - g. Principal local investigator in the clinical study protocol MK5172-012 in the use of different dose of MK-5172 in treating patients with HCV genotype 2 and 3 chronic hepatitis; sponsor MSD
 - h. Principal local investigator in the clinical study protocol L-SP n. P08518 regarding the post marketing use of Victrelis (Boceprevir) in patients with HCV genotype 1 chronic hepatitis
 - i. Principal local investigator in clinical phase III clinical trial M14-423 entitled: An Open-Label, Multicenter Study to Evaluate Long- Term Outcomes With ABT-450/Ritonavir/ABT-267 (ABT-450/t/ABT-267) and ABT-333 With or Without Ribavirin (RBV) in Adults With Genotype 1 Chronic Hepatitis C Virus (HCV) Infection (TOPAZ-I). Sponsor: ABBVIE
2. Principal local investigator in the multicenter clinical trial concerning the use of Adefovir-Dipivoxil in the treatment of lamivudine resistant chronic hepatitis B

3. Member of the Italian Survey Program of infections occurring after liver transplantation
4. Member of the Italian Association of the Study of the Liver (AISF) board in preparing the national guidelines for referring patients with liver disease to liver transplantation programs
5. Principal local investigator in the multicenter clinical trial regarding the use of Entecavir in the treatment of decompensated cirrhosis due to hepatitis B virus chronic infection
6. Principal local investigator of the multicenter clinical trial evaluating the impact of shifting immunosuppression from Tacrolimus to Cyclosporine in patients developing diabetes mellitus after liver transplantation
7. Principal local investigator in the ANSWER (A randomized trial on long-term albumin administration in decompensated cirrhosis) multicenter study
8. Principal local investigator in the phase III multicentre international E5501-G000-310 clinical trial entitled: "A randomized, global, double-blind, placebo controlled, parallel group study to evaluate the efficacy and safety of once-daily oral Avatrombopag for the treatment of adults with thrombocytopenia associated with liver disease prior to an elective procedure".
9. Principal local investigator in the phase III clinical trial XL184-312^[1]_{SEP} concerning the use of cabozantinib plus atezolizumab compared to sorafenib in treating advanced hepatocellular carcinoma. Sponsor: Prahealthsciences.

Publications:

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| Total number: | 397 |
| Articles published on international scientific journals "peer-reviewed": | 219 |
| Other articles published in extensor: | 8 |
| Book chapters: | 2 |
| Abstracts: | 163 |
| Total Impact Factor | 2116 |
| H-Index | 43 |

I authorized the treatment of personal data in accordance with Italian law D-LGS. 196/03.

Udine, June 5th, 2023

Pierluigi Toniutto, MD

