



## Europass Curriculum Vitae



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### Personal information

First name / Surname

**Piero Portincasa**

Address

Viale JF Kennedy 91, 70124 Bari (Italy)

Work address

Clinica Medica "A. Murri" [Dir. Prof. G. Palasciano]  
Dipartimento Scienze Biomediche Oncologia Umana (DIMO)  
Università degli Studi di Bari  
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Further info & full list of publications available at:

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Nationality

Italian

Date of birth

05/05/1956

Gender

Male

### Mission

**TO ENCOURAGE EXCELLENT, HONEST, HIGHLY INNOVATIVE AND SOUND CLINICAL SCIENCE THROUGH COLLABORATIONS AND MOBILITY OF YOUNG INVESTIGATORS ACROSS EUROPE AND WORLDWIDE.**

### Employment / Occupational field

MD, Internist, PhD (Utrecht), Professor of Internal Medicine, Visiting Honorary Professor "I. Hatieganu" University (Cluj-Napoca), Laurea *H. Causa* "C. Davila" University (Bucharest), President European Society of Clinical Investigation, Member of the Apulian Academy of Sciences, Erasmus/LLP Faculty Delegate, 1<sup>st</sup> level clinician, vice-Director of Clinica Medica [Dir. Prof. G. Palasciano], Director of Unit of Medical Semeiology

### Work experience

Dates

2012 (November)

Occupation or position held

Selected by the Medical School as Full Professor of Internal Medicine

Main activities and responsibilities

Research, health care and teaching. Teachings of Evidence Based Medicine-Principles of Internal Medicine-Medical Semeiology-Functional Diagnostic Semeiology-Medical Pathophysiology as the President of the Integrated discipline of Clinical Pathophysiology & Methodology, Medical Degree. Past and present teachings in Residency programs of Internal Medicine I, Internal Medicine, Clinical Pharmacology, Occupational Medicine, Radiology, Radiodiagnostics, Rheumatology, and Doctorate School of Environment, Occupational Medicine and Health. Coordinator Course *BEMC* (Bari English Medical Curriculum) academic year 2011-12 and 2012-13. Teacher at the Course in Biology of Nutrition (2005-8) Faculty of Biology, and course on Human nutrition in the prevention and treatment, Faculty of Medicine (2008-9)

Name and address of employer

University of Bari "Aldo Moro", Piazza Umberto 1, 70100 Bari Italy

Type of business or sector

Higher Education and research

Dates

2010 (August)

Occupation or position held

Winner of the national competition as Full Professor of Internal Medicine

Main activities and responsibilities	Research, health care and teaching at the Medical School in Bari
Name and address of employer	University of Bologna - Italy
Type of business or sector	Higher Education and research
Dates	2008-12
Occupation or position held	President Residency Programme in Internal Medicine I
Main activities and responsibilities	Coordination of teaching and clinical rotation
Name and address of employer	Università degli Studi di Bari, Piazza G. Cesare 11, Policlinico, 70124 Bari - Italia
Type of business or sector	Higher Education
Dates	2001-2010
Occupation or position held	Associate Professor of Internal Medicine
Main activities and responsibilities	Research, health care and teaching
Name and address of employer	University of Bari "Aldo Moro", Piazza Umberto 1, 70100 Bari Italy
Type of business or sector	Higher Education and research
Dates	1995-1998
Occupation or position held	Researcher
Main activities and responsibilities	Teaching of Methodology & Medical Semeiology
Name and address of employer	Location of Foggia & University of Bari "Aldo Moro", Piazza Umberto 1, 70100 Bari Italy
Type of business or sector	Higher Education
Dates	1991-2000
Occupation or position held	Researcher
Main activities and responsibilities	Research, health care and teaching
Name and address of employer	University of Bari "Aldo Moro", Piazza Umberto 1, 70100 Bari Italy
Type of business or sector	Higher Education and research
Dates	From 2010 to date
Occupation or position held	Associate Professor of Internal Medicine, 1 <sup>st</sup> level clinician, vice-director
Main activities and responsibilities	Coordinator of clinical activities of a large Department of Internal Medicine (24 inpatient beds, 4 day hospital beds, diagnostic facilities, outpatient facilities)
Name and address of employer	Clinica Medica "Murri", Dip. Scienze Biomediche Oncologia Umana, Università degli Studi di Bari, Piazza G. Cesare 11, Policlinico, 70124 Bari - Italia
Type of business or sector	Health care
Dates	From 1995 to date
Occupation or position held	Researcher - Associate Professor, 1 <sup>st</sup> level clinician
Main activities and responsibilities	In charge of Unit for Functional and Instrumental for studies of ultrasonography and GI motility, autonomic neuropathy tests, breath tests, innovative 13C-breath tests for liver function, gastric emptying, H. Pylori infection etc. (about 3500 diagnostic tests/year)
Name and address of employer	Clinica Medica "Murri", Dip. Scienze Biomediche Oncologia Umana, Università degli Studi di Bari, Piazza G. Cesare 11, Policlinico, 70124 Bari - Italia
Type of business or sector	Health care
Dates	From 2008 to date
Occupation or position held	Associate Professor of Internal Medicine, 1 <sup>st</sup> level clinician
Main activities and responsibilities	In charge of Day Hospital for hepatobiliary, gastrointestinal and metabolic diseases (about 900 admissions/year)
Name and address of employer	Clinica Medica "Murri", Dip. Scienze Biomediche Oncologia Umana, Università degli Studi di Bari, Piazza G. Cesare 11, Policlinico, 70124 Bari - Italia
Type of business or sector	Health care
Dates	From 1991 to date

Occupation or position held	1 <sup>st</sup> level clinician (Researcher till 2000, Associate Professor from 2001)
Main activities and responsibilities	Full-time Internist at the Unit of Clinica Medica "A. Murri " (Ward, DH, outpatients, diagnostics)
Name and address of employer	Clinica Medica "Murri", Dip. Scienze Biomediche Oncologia Umana, Università degli Studi di Bari, Piazza G. Cesare 11, Policlinico, 70124 Bari - Italia
Type of business or sector	Health care
<b>Education and training</b>	
Dates	2013
Title of qualification awarded	Laurea <i>Honoris Causa</i>
Principal subjects/occupational skills covered	Recognition of internazionalization, research, and teaching activities
Name and type of organisation providing education and training	University "C. Davila", Bulevardul Eroii Sanitari 8 București 050474, Romania
Level in national or international classification	ISCED6
Dates	2009
Title of qualification awarded	Visiting Professorship
Principal subjects/occupational skills covered	Recognition of internazionalization, research, and teaching activities
Name and type of organisation providing education and training	University of Medicine and Pharmacy "Iuliu Hatieganu", Str. Victor Babeș Nr. 8, 400012 Cluj-Napoca, Romania
Level in national or international classification	
Dates	1995
Title of qualification awarded	Doctorate (PhD)
Principal subjects/occupational skills covered	Internal Medicine, Gastroenterology
Name and type of organisation providing education and training	Medical School of the University of Utrecht, P.O Box 80125, 3508 TC Utrecht, The Netherlands
Level in national or international classification	ISCED6
Dates	1993-95
Title of qualification awarded	Research Fellow and Visiting Scientist Internal Medicine and Gastroenterology
Principal subjects/occupational skills covered	Basic and translational research on metabolic diseases and disturbances of cholesterol transport
Name and type of organisation providing education and training	Academic Medical Center, Dept Gastroenterology and Internal Medicine (Prof. GP vanBerge-Henegouwen). Medical School of the University of Utrecht, P.O Box 80125, 3508 TC Utrecht, The Netherlands
Level in national or international classification	
Dates	1985-87
Title of qualification awarded	Research Fellow in Gastroenterology – Travel Grant from University and Reseach Ministry (Rome)
Principal subjects/occupational skills covered	Basic and translational research on gastrointestinal pathophysiology and disturbances of cholesterol transport
Name and type of organisation providing education and training	University of London at Guy's Hospital – SW14 London Bridge – London, UK
Level in national or international classification	
Dates	1986
Title of qualification awarded	Specialization in Internal Medicine

Principal subjects/occupational skills covered  
Clinical and experimental training

Name and type of organisation providing education and training  
Università degli Studi di Bari, Piazza G. Cesare 11, Policlinico, 70124 Bari - Italia

Level in national or international classification  
Score 70/70 cum laude  
ISCED6

Dates  
1981

Title of qualification awarded  
Medical Degree

Principal subjects/occupational skills covered  
MD, Physician

Name and type of organisation providing education and training  
Università degli Studi di Bari, Piazza G. Cesare 11, Policlinico, 70124 Bari - Italia

Level in national or international classification  
Score 110/110 cum laude  
ISCED6

### Personal skills and competences

Mother tongue(s) **Italian**

Other language(s) **English**

Self-assessment  
*European level (\*)*

#### Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Advanced	C2	Advanced	C2	Advanced	C2	Advanced	C2	Advanced

(\*) *Common European Framework of Reference for Languages*

Management skills and competences

#### Coordinator-primary investigator of research projects

- Fondazione Cassa Risparmio di Puglia Grant 2012 Screening of CRC with innovative methodologies
- Ministry of Health AIFA Project on cholesterol-lowering therapies for the treatment of nephrogenic diabetes insipidus (2012)
- ERASMUS Intensive Programme 2011-12. Grant 2011-1-TR1-ERA10-27831. Canakkale (Turkey) 02-28 July 2012 (Coordinator Unit of Bari)
- Grant ESCI-Trustee for the 44th Annual Scientific Meeting ESCI, Bari, 24-27 April 2010 2009.
- PhD Programme with Ministerio da Ciemcia, tecnologia e Ensino Superior FUNDACAO PARA A CIENCIA E TECNOLOGIA - Portugal (code: SFRH/BD/48133/200B). 2009.
- PhD Programme with Ministerio da Ciemcia, tecnologia e Ensino Superior FUNDACAO PARA A CIENCIA E A TECNOLOGIA - Portugal (code: SFRH/BD/62352/2009 - PTDC/DES/113580/2009). 2011.
- Scientific research University of Bari 2002-11
- Ministry of Research PRIN 2006. Water and lipid secretion in the hepatogastrointestinal tract.
- Ministry of Research PRIN 2004. Mechanisms of water and ion transport in the hepatobiliary tract
- Ministry of Research FIRB 2001. Water and lipid transport in the hepatobiliary tract
- Ministry of Research PRIN 1998. Clinical applications of breath tests

#### Organization Internazionalization

- 2013: workshop organizer on Metabolic and Gastrointestinal diseases. 47<sup>th</sup> Annual Scientific Meeting European Society Investigation, Albufeira, Portugal
- 2012: workshop organizer on Metabolic diseases and Lifestyles. 46<sup>th</sup> Annual Scientific Meeting European Society Investigation, Budapest, Hungary
- 2011: workshop organizer on Lifestyles in health and Disease. 45<sup>th</sup> Annual Scientific Meeting European Society Investigation, Crete, Greece
- 2011: Tutor – teacher Saint Nicholas School (University of Bari).
- 2010: Local organizer 44<sup>th</sup> Annual Scientific Meeting European Society Investigation, Bari, Italy
- 2008-Faculty Delegate President Commission for the Erasmus/LLP
- 2012-Coordiatore *Bari English Medical Curriculum (BEMC)*
- 2009-10 President of the course for Higher Education "Methodology of Research and the Evidence Based Medicine, University of Bari

	<ul style="list-style-type: none"> <li>- 2007-Scientific Advisor to several international companies for the clinical application of breath tests with stable isotopes and the analysis of volatile substances in pathophysiological conditions.</li> <li>- 2007-9-Member of the Research Observatory of the Faculty of Medicine of Bari (2007-9)</li> <li>- 2007-Reviewer for Italian credit system (ECM) on behalf of Ministry of Education</li> <li>- 2004: workshop organizer on Lipid and water transport in the hepatobiliary tract. 38<sup>th</sup> Annual Scientific Meeting European Society Investigation, Utrecht, The Netherlands</li> </ul>
Technical skills and competences	Experience with abdominal ultrasonography – functional ultrasonography, Ecocholor Doppler, Breath testing, light microscopy, tests for autonomic neuropathy, gastroesophageal manometry, pHmetry. Morphoquantitative analysis of biliary cristallization, photography for image acquisition in research
Computer skills and competences	Sound knowledge of PC softwares for text, database creation, statistical analysis, and drawing
Artistic skills and competences	Drawing, music
<b>BIBLIOMETRIC INDICES</b> Date 29-09-13	<b>Author of &gt;185 peer-reviewed articles and &gt;36 book chapters</b> <b>Total IF 875; H index 37; citations 4446</b>
<b>Additional information</b>	<p><u>Awards and Honors</u></p> <ul style="list-style-type: none"> <li>- 2009: Member of the Apulian Academy of Sciences</li> <li>- 2009: Honorary Visiting professor at the University of Cluj-Napoca (Romania)</li> <li>- 2005: Fellowship Italian National Centre for Research (CNR), Beth Israel Deaconess Medical Center Harvard Medical School, Boston (USA)</li> <li>- 1995: PhD thesis at the Utrecht University on “Gallbladder and bile in health and disease. The role of motility, gallstones and bile lipid composition”.</li> <li>- 1985: Fellowship from Italian Ministry of University for 2yr research stage abroad</li> </ul> <p><u>Membership of Scientific Societies</u></p> <ul style="list-style-type: none"> <li>- Società Italiana Medicina Interna (SIMI)</li> <li>- European Society Clinical Investigation (ESCI)</li> <li>- American Gastroenterology Association (AGA)</li> <li>- British Society Gastroenterology (BSG)</li> <li>- Europ. Association Study Liver Disease (EASL)</li> <li>- Dutch Society Gastroenterology (NVGE)</li> <li>- American Association Study Liver Diseases (AASLD)</li> <li>- Società Italiana Gastroenterologia (SIGE)</li> <li>- European Association Gastroenterology &amp; Endoscopy (EAGE, 2009)</li> <li>- Associazione Italiana Studio Fegato (AISF, 2011)</li> <li>- Europ Atherosclerosis Society (EAS, 2012).</li> </ul> <p><u>Steerin Committees</u></p> <ul style="list-style-type: none"> <li>- European Society of Clinical Investigation (since 2007)</li> <li>- Honorary Member Romanian Society Gastroenterology and Hepatology (2011)</li> <li>- GISMAD (Italian Group Study Gastrointestinal Motility) (2007-10; 2011-)</li> <li>- Liver and Biliary Section (American Gastroenterological Association)</li> <li>- Councilor Apulian-Basilicata Section Italian Society Internal Medicine (SIMI)(nov. 2010-11)</li> </ul> <p><u>Presidency</u></p> <ul style="list-style-type: none"> <li>- President European Society of Clinical Investigation (ESCI) 2011-4</li> <li>- Vice-president European Society for Clinical Investigation – ESCI (April 2009-February 2010)</li> <li>- Elected President of the European Society for Clinical Investigation (ESCI) for the Bari 2010 44th Annual Meeting</li> <li>- European Society for Clinical Investigation (Vice-President 2009-10)</li> <li>- President in Bari of the Inter-University Center “T. Chalmers” (Milan), for the dissemination of EBM.</li> </ul> <p><u>Coordinamento – tutoraggio Programmi dottorato/PhD</u></p> <ul style="list-style-type: none"> <li>- Concalves I. PhD Thesis (University of Porto, Portugal). Physical activity and liver function (In progress -Promotor). 2013.</li> <li>- De Bari O. PhD Thesis (University of Bari - University of St. Louis, MO, USA, Italy). Pathophysiology of lipid metabolism in the hepatobiliary tract (In progress -Promotor). 2013.</li> <li>- Diogo CMV. PhD Thesis (University of Coimbra, Portugal). Oxidative stress, mitochondrial dysfunction and cellular pathology in experimental models and high fat diet(Promotor). 2013.</li> <li>- Petruzzelli M. PhD Thesis (University of Utrecht, NL). Role of phospholipids in the pathophysiology of the gut-liver axis. (Promotor). 2010.</li> <li>- Venneman NG. PhD Thesis (University of Utrecht, NL). Relevance of bile salts in pathogenesis, treatment and complications of gallstone disease (Promotor). 2005.</li> <li>- van Ooteghem NMA. PhD Thesis (University of Utrecht, NL). Gallbladder motility and bile</li> </ul>

composition (Panel of Professors). 2001.

- Moschetta A. PhD Thesis (University of Utrecht, NL). Molecular interactions between bile salts, phospholipids and cholesterol (Promotor). 2001.

#### Editorial boards

- European J Clinical Investigation (also associate editor)(2008)
- Co-editor of Immune Endocr Metabol Disorders: Curr Drug Targets (2005) Best Practice in Gastroenterology (2006), J Lipids Hindawi, 2012), Morgan Claypool Textbook on Biliary Tract (2012). Current Medicinal Chemistry (2008), Int J Osteoporosis & metabolic disorders. (2008); World J Gastroenterology (Beijing, China) (2005), J Gastroenterology Liver Disease (2006), Clujul Medical – Revue of Medicine and Pharmacy, University of Cluj-Napoca (Romania), World J of Surgery (Beijing, China)(2009), World J Hepatology (Beijing, China)(2010), World Journal of Gastrointestinal Pharmacology and Therapeutics (WJGPT) (Beijing, China), Faculty1000 (2008), Int World Journal (2011), Gastroenterology Report (2012), Datasets Int. (2012).

#### Reviewer

- New England Journal Medicine
- Lancet, Gastroenterology
- Gut
- Hepatology
- Eur J Clin Invest
- Clin Biochemistry
- Eur J Int Med
- Am J Physiol
- Clin Biochem
- Curr Med Chem, etc..

#### Active scientific collaborations

- Prof. GP vanBerge Henegouwen and Dr. KJ vanErpecum, Dept Gastroenterology University Hospital Utrecht, NL (studies of biliary pathophysiology and the mobility of teachers and students Socrates Erasmus).
- Dr. AK Groen, University Hospital Liver Unit Amsterdam, NL
- Prof. DQ Wang, Harvard Medical School, USA (studies on the transport of intestinal cholesterol).
- Dr B Lauterburg, Dept. Pharmacology, Bern for the study of oxidative stress in different metabolic conditions.
- Prof. G. Corazza & Antonio Gasbarrini (Roma) for the development and application in biomedicine of innovative breath tests.
- Dr. P. Oliveira and A. Moreno (Centro de Neurociencias e Biologia celular, University of Coimbra) for a PhD program (SFRH/BD/48133/2008) on protective agents in liver steatosis and metabolic syndrome;
- PhD Program Proff.ri Antonio Moreira de Ascensao e Prof. Jose Magalhaes (Research Centre in Physical Activity, Health and Leisure Faculty of Sports, University of Porto, Portugal), research project (Fundação Para a Ciência e a Tecnologia – Serviço de Formação de Recursos Humanos, Approved Grant FCT SFRH/BD/62352/2009 - PTDC/DES/113580/2009) on "Effects of physical activity on mitochondrial function in humans"(Ines Concalves, 2011)
- University of Saint Louis (SLU) ST Louis, MO, USA, Doisy Research Center (Prof. DQH Wang), Study of lipidic homeostasis in animal models (2011)
- University of Saarbrücken, Homburg (Germany), Prof. F. Lammert. Study of human genetic variants in liver diseases and intestinal malabsorption (2011)
- Harvard Medical School – Dept Gastroenterology – Beth Deaconess Medical Center (Prof. JT LaMont): studi sulla fisiopatologia gastrointestinale

#### Research Fields

Translational international research with wide applications to Internal Medicine diseases. Invited chairman and speaker at international and national meetings.

- First demonstration of a potent CCK- motilin-mediated prokinetic effect of cholestyramine alone on human gallbladder (Palasciano, et al., *Gastroenterology*, 1992; Portincasa, et al., *Am J Gastroenterol*, 1994; Portincasa, et al., *Eur J Clin Invest*, 1995; Portincasa, et al., *Hepatology*, 2008; Portincasa, et al., *Neurogastroenterol Motility*, 2000)
- First demonstration of anhydrous cholesterol crystal growing in human bile (Portincasa, et al., *Hepatology*, 1996) and exact pathophysiological studies on of biliary crystals and gallstones (Portincasa, et al., *Lancet*, 2006; Portincasa, et al., *J Lipid Res*, 2002; Van Erpecum, et al., *J.Hepatol.*, 2003; Van Erpecum, et al., *Gastroenterology*, 1996)
- ApoE4 genotype influences gallstone recurrence in humans (Portincasa, et al., *Hepatology*,

1996; Venneman, et al., *J Hepatol.*, 2001)

- First demonstration that ezetimibe prevents biliary cholesterol crystallization in the animal model and gallstone patients (Wang, et al., *Gastroenterology*, 2008)
- First identification in Altamura (Apulia) of a cluster of patients with Familial Mediterranean Fever (Grattagliano, et al., *Clin Pharmacol Ther*, 2013; Portincasa, et al., *Eur J Clin Invest (IN PRESS)*, 2013)
- Author of the largest studies on impaired gallbladder and gastrointestinal motility in gallstone patients (Palasciano, et al., *Am J Gastroenterol*, 1992; Portincasa, et al., *J Hepatol.*, 1994), obese children (Palasciano, et al., *Am J Gastroenterol*, 1989), obese newborns (Di Ciaula, et al., *J Gastroenterol Hepatol*, 2012), irritable bowel syndrome (Portincasa, et al., *World J.Gastroenterol.*, 2003)
- Genetic and clinical studies on cholestatic liver diseases (Grattagliano, et al., *Clin Biochem*, 2011; Grattagliano, et al., *Hepatology*, 2007; Invernizzi, et al., *Genes Immun*, 2012; Invernizzi, et al., *Hepatology*, 2008; Kar, et al., *Genes Immun*, 2013; Liu, et al., *Nat.Genet.*, 2010) and liver steatosis in animal models and humans
- Original translational studies on aquaporin (AQP)-mediated water transport in the intestine and liver (Calamita, et al., *Biol.Cell*, 2005; Calamita, et al., *Am.J Physiol Gastrointest.Liver Physiol*, 2008; Portincasa and Calamita, *Mol Aspects Med*, 2012; Portincasa, et al., *J.Hepatol.*, 2003; Portincasa, et al., *Eur.J.Clin.Invest*, 2008; Van Erpecum, et al., *J Lipid Res.*, 2006)
- Application of novel breath tests in Internal Medicine for the study of gastrointestinal and liver functions (Gasbarrini, et al., *Aliment.Pharmacol.Ther.*, 2009; Grattagliano, et al., *Clin Biochem*, 2012; Grattagliano, et al., *Eur.J.Clin Invest*, 2010; Portincasa, et al., *Clin Sci (Lond)*, 2006)
- Key role of mitochondrial function in physical exercise (Ascensao, et al., *Mitochondrion*, 2013) and liver diseases (Diogo, et al., *Curr.Med.Chem.*, 2011; Grattagliano, et al., *J.Hepatol.*, 2003; Krawczyk, et al., *Best.Pract.Res.Clin Gastroenterol*, 2010; Mastrodonato, et al., *Eur.J Clin Invest*, 2011; Mastrodonato, et al., *Microsc Res Tech*, 2012; Palmieri, et al., *Nutrition*, 2011; Palmieri, et al., *J.Surg.Res.*, 2009; Petrosillo, et al., *Biochim.Biophys.Acta*, 2007)
- Gastrointestinal motility and autonomic neuropathy are impaired in patients with colonic inertia (Altomare, et al., *Dis Colon Rectum*, 1999; Altomare, et al., *Dis Colon Rectum*, 2007)

Bari sabato, ottobre 05, 2013

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