



Curriculum Vitae Europass

Informazioni personali

Cognome(i) / Nome(i) **Bonsignore Maria Rosaria**

Indirizzo(i)

Cellulare

E-mail

Cittadinanza italiana

Data di nascita

Sesso Femminile

Codice fiscale

Esperienza professionale

Date 03/2002 →

Lavoro o posizione ricoperti Professore Associato di Malattie dell'Apparato Respiratorio

Principali attività e responsabilità Attività didattiche, assistenziali e di ricerca

Nome e indirizzo del datore di lavoro Università di Palermo
Palermo (Italia)

Date 1991 - 2002

Lavoro o posizione ricoperti Tecnologo CNR

Principali attività e responsabilità Ricerca

Nome e indirizzo del datore di lavoro Consiglio Nazionale delle Ricerche, Istituto di Biomedicina e Immunologia Molecolare
Palermo

Istruzione e formazione

Date 23 luglio 1979 →

Titolo della qualifica rilasciata Laurea in Medicina e Chirurgia

Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione Università di Palermo

Date 1982 →

Titolo della qualifica rilasciata Specializzazione in Malattie dell'Apparato Cardiovascolare

Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione Università di Palermo

Date 1988 →

Titolo della qualifica rilasciata Specializzazione in Malattie dell'Apparato Respiratorio

Nome e tipo d'organizzazione erogatrice dell'istruzione e formazione Università di Pisa

2017

Abilitazione Scientifica Nazionale a Professore di I fascia
Di Malattie dell'Apparato Respiratorio

Capacità e competenze personali

Specialista in: Malattie dell'Apparato Cardiovascolare, 1982, Università di Palermo) e Malattie dell'Apparato Respiratorio e Tisiologia (1988, Università di Pisa).

Premi e riconoscimenti nazionali e internazionali per attività di ricerca

1983 **Parker B. Francis Foundation**, borsa di studio annuale
1985 **American Heart Association (AHA) of California**, borsa di studio annuale
1986 **Premio Punta Ala per Giovani Ricercatori**
1989 **Premio Boehringer-Ingelheim** per la migliore tesi di Specializzazione in Pneumologia
1990 **Premio per Giovani Ricercatori**, Società Italiana di Fisiopatologia Respiratoria ()
1991 **Young Investigator Award**, European Respiratory Society (ERS))
2018 **Fellow of the European Respiratory Society (FERS)** (n° 10 dell'elenco titoli)
2020: **Sadoul Lecturer**, Congresso ERS.

Dal 1990 al marzo 2002, Ricercatore CNR; da marzo 2002, Professore Associato di Malattie dell'Apparato Respiratorio, Università di Palermo. 2005-2009: Direttore della Scuola di Specializzazione in Malattie dell'Apparato Respiratorio, Università di Palermo. 2004-2014: delegato del MIUR nella Commissione Biomedicina e Scienze Biomolecolari del programma Europeo COST.

Attività nell'ERS: 2008-2010 Segretario del Working Group "Exercise and Gas Exchange";

Assembly 4 Secretary (2011-2014) e Head (2014-2017);

2016: Chair della Task Force: Sleepiness and fitness to drive in patients with obstructive sleep apnea;

2019 e 2021: Chair della Sleep and Breathing Conference;

Dal 2020, Componente della Ethics & Integrity Committee dell'ERS

Nel 2021, Nominata Chair del Congresso ERS 2023 a Milano

Campi di ricerca: apnee nel sonno e biologia dell'esercizio.

Attività di ricerca istituzionale

2001 Coordinatore del progetto Agenzia 2000 CNR: "Aspetti biologici dell'esercizio muscolare ed effetti respiratori ed ematologici della riabilitazione in pazienti con broncopneumopatia cronica ostruttiva" (CNRC005114)

2003 Responsabile di Unità di ricerca Progetto PRIN 2003062087_006.

2010-2013 Coordinatore del progetto PRIN 2008 (200895H8S9): "Alterazioni metaboliche nella Sindrome dell'apnea ostruttiva nel sonno (OSAS): danno epatico e dislipidemia nell'OSAS non trattata e dopo terapia a lungo termine con pressione positiva continua delle vie aeree (CPAP)"

2012 Partecipante al progetto PRIN 2010-2011 Project (2010C4JJWB): Non-alcoholic fatty liver disease: from the non-invasive diagnosis of NASH and significant/severe fibrosis, to the evaluation of systemic damage, (Unità IBIM-CNR_006)

2018-2019: Chair della ERS Clinical Research Collaboration ESADA (European Sleep Apnea Database);

2019 PO FESR Sicilia 2014-2020: Coordinatore del progetto: Effetti di un nutraceutico con attività antiossidante nella broncopneumopatia cronica ostruttiva (BPCO)

2021 Partecipante al progetto Horizon 2020, Sleep Revolution

2021 Coordinatore del progetto FESR-MUR 2020: Gestione innovativa integrata dell'apnea ostruttiva nel sonno e della insufficienza respiratoria cronica in trattamento con pressione positiva delle vie aeree (PAP) o ventilazione non invasiva (NIV) domiciliare mediante la Telemedicina (acronimo MIMOSA-CRF)

Autore di 171 contributi su riviste internazionali (**H-Index Scopus 43, ISI-WoS: 39**), di 58 capitoli di libro (22 internazionali, 37 nazionali). Socia attiva delle seguenti società scientifiche internazionali ERS, ATS, APS, AASM. Editorial Boards: Chest (2005-2014), COPD (dal 2018) and ERJ (dal 2017), presta attività editoriale per riviste internazionali dedicate alla Fisiologia e alle Malattie dell'Apparato Respiratorio. Associate Editor della Eur Respir Rev da gennaio 2022.

ORCID ID: 0000-0002-4875-7796

Madrelingua(e)

Altra(e) lingua(e)

Autovalutazione

Livello europeo (*)

Inglese

Italiana

Comprensione				Parlato				Scritto	
Ascolto		Lettura		Interazione orale		Produzione orale			
C2	Utente avanzato	C2	Utente avanzato	C2	Utente avanzato	C2	Utente avanzato	C2	Utente avanzato

(*) [Quadro comune europeo di riferimento per le lingue](#)

Ulteriori informazioni

PUBBLICAZIONI: Lavori pubblicati su riviste Internazionali

1. Dodek PM, Rice TW, Bonsignore MR, Yamada S, Staub NC. Effects of plasmapheresis and of hypoproteinemia on lung liquid conductance in awake sheep. *Circ Res* 58: 269-280, 1986.
2. Bonsignore MR, Rice TW, Dodek PM, Staub NC. Thromboxane and prostacyclin in acute lung injury caused by venous air emboli in unanesthetized sheep. *Microcirc Endo & Lymph*, 3: 187-212, 1986.
3. Bonsignore MR, Jerome HE, Staub NC. Alpha-adrenergic agents have little effect on venous air embolism in awake sheep. *J Appl Physiol* 62: 2147-2153, 1987.
4. Bonsignore MR, Jerome HE, Culver PL, Dodek PM, Staub NC. Effects of beta-adrenergic agents in lungs of normal and air-embolized sheep. *J Appl Physiol* 64: 2647-2652, 1988.
5. Pistolesi M, Miniati M, Bonsignore M, Andreotti F, Di Ricco G, Marini C, Rindi M, Biagini A, Milne ENC, Giuntini C. Factors affecting regional pulmonary blood flow in chronic ischemic heart disease. *J Thorac Imag* 3(3): 65-72, 1988.
6. Jerome EH, Bonsignore MR, Albertine KA, Culver PL, Dodek PD, Perel A, Staub NC. Timing of corticosteroid treatment. Effect on lung lymph dynamics in air embolism lung injury in awake sheep. *Am Rev Respir Dis* 142: 872-879, 1990.
7. Bonsignore MR, Valenti A, Spatafora M. Tumor necrosis factor does not cause lung edema in rabbits. *J Appl Physiol* 73: 173-178, 1992.
8. Marrone O, Riccobono L, Salvaggio A, Mirabella A, Bonsignore MR. Catecholamines and blood pressure in obstructive sleep apnea syndrome. *Chest* 103: 722-727, 1993.
9. Bonsignore MR, Marrone O, Romano S, Pieri D. Time course of right ventricular stroke volume and output in obstructive sleep apneas. *Am J Respir Crit Care Med*, 149: 155-9, 1994.
10. Bonsignore MR, Marrone O, Insalaco G, Bonsignore G. The cardiovascular effects of obstructive sleep apnoeas: analysis of pathogenetic mechanisms. (Review) *Eur Respir J*, 1994, 7: 786-805.
11. Marrone O, Bonsignore MR, Romano S, Bonsignore G. Slow and fast changes in transmural pulmonary artery pressure in obstructive sleep apnoea. *Eur Respir J*, 1994, 7:2192-8.
12. Marrone O, Salvaggio A, Insalaco G, Bonsignore MR, Cimino M, Gallina S, Speciale R. Respiration in NREM and REM sleep after upper airway surgery for obstructive sleep apnoea. *J Sleep Res* 1995; 4: 189-195.
13. Bonsignore MR, Romano S, Marrone O, Insalaco G. Respiratory sinus arrhythmia during obstructive sleep apneas in humans. *J Sleep Res* 4 (suppl. 1): 68-70, 1995.
14. Marrone O, Bonsignore MR. Pulmonary hemodynamics in obstructive sleep apnoea. *J Sleep Res* 4 (suppl. 1): 64-67, 1995.
15. Bonsignore MR, Romano S, Marrone O, Bonsignore G. Different heart rate patterns in obstructive apneas during NREM sleep. *Sleep* 1997, 20 (12): 1167-1174.
16. Marrone O, Bonsignore MR. Acute and chronic influences of obstructive sleep apnoea on the pulmonary circulation (Review). *Monaldi Arch Dis Chest*, 1997; 52: 3, 263-267.
17. Parati G, Di Rienzo M, Bonsignore MR, Insalaco G, Marrone O, Castiglioni P, Bonsignore G, Mancina G. Autonomic cardiac regulation in obstructive sleep apnea syndrome: evidence from spontaneous baroreflex analysis during sleep. *J Hypertens* 1997; 15: 1621-1626.

18. Marrone O, Bonsignore MR, Fricano L, Lo Coco R, Cerasola G, Bonsignore G. Gender and the systemic hypertension-snoring association: a questionnaire-based case-control study. *Blood Press* 1998; 7: 11-17.
19. Bonsignore MR, Morici G, Abate P, Romano S, Bonsignore G. Ventilation and entrainment of breathing during cycling and running in triathletes. *Med Sci Sports Exerc* 1998; 30 (2): 239-245.
20. Marrone O, Bonsignore MR, Insalaco G, Bonsignore G. What is the evidence that obstructive sleep apnoea is an important illness? (Review) *Monaldi Arch Chest Dis*, 1998, 53: 630-9.
21. Bonsignore MR, Smirne S, Marrone O, Insalaco G, Salvaggio A, Bonsignore G. Myocardial ischemia during sleep (Review). *Sleep Med Rev*, 1999, 3: 241-255.
22. Insalaco G, Romano S, Salvaggio A, Marrone O, Bonsignore MR, Braghiroli A, Lanfranchi P, Patruno V, Donner CF, Bonsignore G. Blood pressure and heart rate during periodic breathing while asleep at high altitude. *J Appl Physiol*. 2000; 89: 947-955.
23. Marrone O, Romano S, Insalaco G, Bonsignore MR, Salvaggio A, Bonsignore G. Influence of sampling time on the evaluation of nocturnal blood pressure in obstructive sleep apnea syndrome. *Eur Respir J* 2000; 16: 653-8.
24. Chiappara G, Gagliardo R, Siena A, Bonsignore MR, Bousquet J, Bonsignore G, Vignola AM. Airway remodelling in the pathogenesis of asthma. *Curr Opin Allergy Clin Immunol* 2001; 1: 85-95.
25. Vignola AM, Gagliardo R, Siena A, Chiappara G, Bonsignore MR, Bousquet J, Bonsignore G. Airway remodeling in the pathogenesis of asthma. *Curr Allergy Asthma Rep*. 2001;1:108-15. Review.
26. Bonsignore MR, Morici G, Riccobono L, Insalaco G, Bonanno A, Profita M, Paterno' A, Mirabella A, Vassalle C, Vignola AM. Airway inflammation in nonasthmatic amateur runners. *Am J Physiol* 2001; 281: L668-L676.
27. Marrone O, Salvaggio A, Insalaco G, Bonsignore MR, Bonsignore G. Evaluation of the POLYMESAM system in the diagnosis of obstructive sleep apnea syndrome. *Monaldi Arch Chest Dis* 2001;56:486-90.
28. Parati G, Ongaro G, Bonsignore MR, Glavina F, Di Rienzo M, Mancia G. Sleep apnea and hypertension. *Curr Opin Nephrol Hypertens* 2002; 11: 201-214.
29. Marrone O, Insalaco G, Bonsignore MR, Romano S, Salvaggio A, Bonsignore G. Sleep structure correlates of CPAP variations during application of an autotitration CPAP machine in obstructive sleep apnea syndrome. *Chest* 2002; 121: 759-767.
30. Bonsignore MR, Parati G, Insalaco G, Marrone O, Castiglioni P, Romano S, Di Rienzo M, Mancia G, Bonsignore G. Continuous positive airway pressure treatment improves baroreflex control of heart rate during sleep in severe obstructive sleep apnea syndrome. *Am J Respir Crit Care Med* 2002; 166: 279-286.
31. Marrone O, Bonsignore MR. Pulmonary haemodynamics in obstructive sleep apnoea. *Sleep Med Rev* 2002; 6: 175-193.
32. Vignola AM, Rennard SI, Hargreave FE, Fahy JV, Bonsignore MR, Djukanovic R, Sterk PJ. Standardised methodology of sputum induction and processing: future directions. *Eur Respir J* 2002; 20 (suppl. 37): 51s-55s.
33. Bonsignore MR, Morici G, Santoro A, Pagano M, Cascio L, Bonanno A, Insalaco G, Abate P, Mirabella F, Profita M, Gioia M, Vignola AM, Majolino I, Testa U, Hogg JC. Circulating hematopoietic precursor cells (HPCs) in well-trained runners. *J Appl Physiol* 2002, 93: 1691-97.
34. Bonsignore MR, Morici G, Vignola AM, Riccobono L, Bonanno A, Profita M, Abate P, Scichilone N, Amato G, Bellia V, Bonsignore G. Increased airway inflammatory cells in athletes: what do they mean? *Clin Exper Allergy* 2003, 33: 14-21.
35. Marrone O, Salvaggio A, Bonsignore MR, Insalaco G, Bonsignore G. Blood pressure responsiveness to obstructive events during sleep after chronic CPAP. *Eur Respir J*, 2003; 21: 509-14.
36. Bonsignore MR, Morici G, Riccobono L, Profita M, Bonanno A, Paterno' A, Di Giorgi R, Chimenti L, Insalaco G, Cuttitta G, Abate P, Mirabella F, Vignola AM, Bonsignore G. Airway cells after swimming outdoor or in the sea in non-asthmatic athletes. *Med Sci Sports Exerc* 2003; 35: 1146-1152.

37. Salerno FG, Carpagnano E, Guido P, Bonsignore MR, Roberti A, Aliani M, Vignola AM, Spanevello A. Airway inflammation in patients affected by obstructive sleep apnea syndrome. *Respir Med* 2004; 98: 25-28.
38. Morici G, Zangla D, Riccobono L, Bonanno A, Profita M, Paterno' A, Di Giorgi R, Mirabella F, Chimenti L, Bonsignore MR. Airway cell composition in young competitive rowers at rest and after an all-out test. *Med Science Sports Exerc*, 2004, 36: 1723-1729.
39. Soresi S, Catalano F, Spatafora M, Bonsignore MR, Bellia V. "Light" cigarette smoking, dependence and respiratory symptoms in high-school students. *Respir Med*, 2005, 99: 996-1004.
40. Morici G, Zangla D, Santoro A, Pelosi E, Petrucci E, Gioia M, Bonanno A, Profita M, Riccobono L, Bellia V, Testa U, Bonsignore MR. Supramaximal exercise mobilizes haematopoietic progenitors and reticulocytes in athletes. *Am J Physiol, Regulatory, Integrative and Comparative Physiology* 2005; 289: R1496-R1503 (doi: 10.1152/ajpregu.00338.2005, July 14, 2005).
41. Scichilone N, Morici G, Marchese R, Bonanno A, Profita M, Toggias A, Bonsignore MR. Reduced airway responsiveness in non-elite runners. *Med Sci Sports Exerc*, 2005, 37: 2019-2025.
42. Bonsignore MR, Parati G, Insalaco G, Castiglioni P, Marrone O, Romano S, Salvaggio A, Mancía G, Bonsignore G, Di Rienzo M. Baroreflex control of heart rate during sleep in severe obstructive sleep apnea: Effects of acute CPAP. *Eur Respir J* 2006; 27: 128-135.
43. Insalaco G, Bonsignore MR. Comments on point-counterpoint: Positive effects of intermittent hypoxia (live high train low) on Exercise Performance are/are not mediated primarily by augmented red cell volume. *J Appl Physiol*. 2006; 100: 364 (doi:10.1152/jappphysiol.01156.2005).
44. Bonsignore MR, Palange P, Testa U, Huertas A, Antonucci R, Serra P, Bonsignore G. Circulating CD34+ cells are decreased in chronic obstructive pulmonary disease (COPD). *Proc Am Thorac Society* 2006; 3: 537-538.
45. Palange P, Testa U, Huertas A, Pelosi E, Calabrò L, Antonucci R, Petrucci R, Pasquini L, Satta A, Morici G, Vignola AM, Bonsignore MR. Circulating haematopoietic and endothelial progenitor cells are decreased in COPD. *Eur Respir J*, 2006; 27: 529-541.
46. McNicholas WT, Bonsignore MR, on behalf of the Management Committee of EU COST Action B26. Sleep apnoea as an independent risk factor for cardiovascular disease: current evidence, basic mechanisms and research priorities. *Eur Respir J* 2007, 29: 156-178.
47. Chimenti L, Morici G, Paternò A, Bonanno A, Siena L, Licciardi A, Veca M, Guccione W, Macaluso F, Bonsignore G, Bonsignore MR. Endurance training under standard laboratory conditions damages small airway epithelium in mice. *Am J Respir Crit Care Med* 2007; 175: 442-449, e-published on Dec 21, 2006 as doi: 10.1164/rccm.200608/1086OC.
48. Alonderis A, Barbé F, Bonsignore M, Calverley P, De Backer W, Diefenbach K, Donic V, Fanfulla F, Fietze I, Franklin K, Grote L, Hedner J, Jennum, Krieger J, Levy P, McNicholas W, Monserrat J, Parati G, Pascu M, Penzel T, Riha R, Rodenstein D, Sanna A, Schulz R, Sforza E, Sliwinski P, Tomori Z, Tonnesen P, Varoneckas G, Zielinski J, Kostelidou K, COST Action B26. Medico-legal implications of sleep apnoea syndrome: Driving license regulations in Europe. *Sleep Med* 2008; 9: 362-375. doi: 10.1016/j.sleep.2007.05.008
49. Bonsignore MR, Scichilone N, Morici G. Bronchial responsiveness and airway inflammation in trained subjects (letter). *Thorax* 2008, 63: 90-91
50. Bonsignore MR, La Grutta S, Cibella F, Scichilone N, Cuttitta G, Interrante A, Marchese M, Veca M, Virzi M, Bonanno A, Profita M, Morici G. Effects of exercise training and montelukast in children with mild asthma. *Med Sci Sports Exerc* 2008; 40: 405-412.
51. Riha RL, Diefenbach K, Jennum P, McNicholas WT; Management Committee, COST B26 Action on Sleep Apnoea Syndrome. Genetic aspects of hypertension and metabolic disease in the obstructive sleep apnoea-hypopnoea syndrome. *Sleep Med Rev* 2008; 12: 49-63.
52. Pace E, Ferraro M, Siena L, Melis M, Montalbano A, Johnson M, Bonsignore MR, Bonsignore G, Gjomarkaj M. Cigarette smoke increases TLR4 and modifies LPS mediated responses in airway epithelial cells. *Immunology* 2008; 124: 401-411.
53. Bonsignore MR, Zito A. Metabolic aspects of the obstructive sleep apnea syndrome (OSAS) and cardiovascular risk. *Arch Physiol Biochem* 2008, 114: 255-260.

54. Marrone O, Salvaggio A, Gioia M, Bonanno A, Profita M, Riccobono L, Zito A, Insalaco G, Bonsignore MR. Reticulocytes in untreated obstructive sleep apnoea. *Monaldi Arch Chest Dis* 2008; 69:107-113
55. Bonsignore MR, Eckel J. Metabolic aspects of obstructive sleep apnoea syndrome. *Eur Respir Rev* 2009; 18: 112: 113-124.
56. Bonsignore MR, McNicholas W. Sleep-disordered breathing in the elderly. *Eur Respir Monograph* 2009; 43: 179-204.
57. Levy P, Bonsignore MR, Eckel J. Sleep, sleep-disordered breathing and metabolic consequences. *Eur Respir J* 2009; 34: 243-260.
58. Chimenti L, Morici G, Paterno A, Bonanno A, Vultaggio M, Bellia V, Bonsignore MR. Environmental conditions, air pollutants, and airway cells in runners: A longitudinal field study. *J Sports Sci* 2009; 27:925-935.
59. Huertas A, Testa U, Riccioni R, Petrucci E, Riti V, Savi D, Serra P, Bonsignore MR, Palange P. Bone marrow-derived progenitors are greatly reduced in patients with severe COPD and low BMI. *Resp Physiol Neurobiol* 2010, 31;170(1):23-31, doi: 10.1016/j.resp.2009.10.003.
60. Chimenti L, Morici G, Paterno A, Santagata R, Bonanno A, Profita M, Riccobono L, Bellia V, Bonsignore MR. Mild bronchial epithelial damage after a half-marathon race in nonasthmatic amateur runners. *Am J Physiol, Lung Cell Mol Physiol* 2010; 298: L857-L862, April 2, 2010; doi:10.1152/ajplung.00053.2010.
61. Bonsignore MR, Morici G, Riccioni R, Huertas A, Petrucci E, Veca M, Mariani G, Bonanno A, Chimenti L, Gioia M, Palange P, Testa U. Hemopoietic and angiogenic progenitors in healthy athletes: different responses to endurance and maximal exercise. *J Appl Physiol* 2010, 109: 60-67, doi:10.1152/jappphysiol.01344.2009
62. Scichilone N, Morici G, Zangla D, Chimenti L, Davi, E Reitano S, Paternò A, Togliani A, Bellia V, Bonsignore MR. Effects of exercise training on airway responsiveness and airway cells in healthy subjects. *J Appl Physiol*, 2010; 109: 288-294, doi: 10.1152/jappphysiol.01200.2009
63. Zito A, Steiropoulos P, Barceló A, Marrone O, Esquinas C, Buttacavoli M, Barbé F, Bonsignore MR. Obstructive sleep apnea and metabolic syndrome in Mediterranean Countries. *Eur Respir J* 2011; 37: 717-719.
64. Marrone O, Salvaggio A, Lo Bue A, Bonanno A; Riccobono L, Insalaco G, Bonsignore MR. Blood pressure changes after automatic and fixed CPAP in obstructive sleep apnea. Relationship with nocturnal sympathetic activity. *Clin Exper Hypertens* 2011; 33: 373-380.
65. Fietze I, Penzel T, Alonderis A, Barbe F, Bonsignore M, Calverley P, De Backer W, Diefenbach K, Donic V, Eijsvogel MM, Franklin KA, Gislason T, Grote L, Hedner J, Jennum P, Lavie L, Lavie P, Levy P, Mallin W, Marrone O, Montserrat JM, Papanthanasou ES, Parati G, Plywaczewski R, Pretl M, Riha RL, Rodenstein D, Saaresranta T, Schulz R, Sliwinski P, Steiropoulos P, Svaza J, Tomori Z, Tonnesen P, Varoneckas G, Verbraecken J, Vesely J, Vitols A, Zielinski Z, McNicholas WT, on behalf of the COST Action B26 Group. Management of obstructive sleep apnea in Europe. *Sleep Med* 2011; 12: 190-197.
66. Almendros I, Farré R, Planas AM Torres M, Bonsignore MR, Navajas D, Montserrat JM. Tissue oxygenation in brain, muscle and fat in a rat model of sleep apnea: differential effect of obstructive apneas and intermittent hypoxia. *Sleep* 2011, 34: 1127-1133
67. Hedner J, Grote L, Bonsignore M, McNicholas W, Lavie P, Parati G, Sliwinski P, Barbé F, Escourrou P, Fietze I, Masa JF, Kvamme JA, Lombardi C, Marrone O, Montserrat JM, Penzel T, Pretl M, Riha R, Rodenstein D, Saaresranta T, Schulz R, Tkacova R, Varoneckas G, Vitols A, Vrints H, Zielinski J. THE EUROPEAN SLEEP APNOEA DATABASE (ESADA) -- Report from 22 European Sleep Laboratories. *Eur Respir J*, 2011, 38: 635-642.
68. DeBacker W, Simonds AK, Horn V, Andreas S, Bonsignore M, Calverley P, Donic V, Levy P, Mitchell S, McNicholas WT, Morrell M, Randerath W, Riha RL, Trang H, Verbraecken J, Palange P. Sleep HERMES: a European training project for respiratory sleep medicine (Editorial). *Eur Respir J* 2011; 38: 496-497.
69. DeBacker W, Simonds AK, Horn V, Andreas S, Bonsignore M, Calverley P, Donic V, Levy P, Mitchell S, McNicholas WT, Morrell M, Randerath W, Riha RL, Trang H, Verbraecken J, Palange P. A European Core Syllabus in respiratory disorders during sleep *Breathe* 2011; 8: 61-68.

70. Siena L, Gjomarkaj M, Elliot J, Pace E, Bruno A, Baraldo S, Saetta M, Bonsignore MR, James A. Reduced apoptosis of CD8+ T-lymphocytes in the airways of smokers with mild/moderate COPD. *Respir Med* 2011, 105: 1491-1500.
71. Gasa M, Salord N, Fortuna AM, Mayos M, Vilarrasa N, Dorca J, Montserrat JM, Bonsignore MR, Monasterio C. Impact of obstructive sleep apnea on metabolic dysfunction in severe obesity. *Eur Respir J* 2011; 38(5): 1089-1097.
72. Almendros I, Farré R, Torres M, Bonsignore MR, Dalmases M, Ramírez J, Navajas D, Montserrat JM. Early and mid-term effects of obstructive apneas in myocardial injury and inflammation. *Sleep Med* 2011, 12: 1037-1040.
73. Bonsignore MR, Esquinas C, Barceló A, Sanchez-de-la-Torre M, Paternó A, Duran J, Marín JM, Barbé F. Metabolic syndrome, insulin resistance and sleepiness in real-life obstructive sleep apnea. *Eur Respir J* 2012; 39(5): 1136-1143, doi: 10.1183/09031936.00151110.
74. Bonsignore MR, McNicholas WT, Montserrat JM, Eckel J. The adipose tissue in obesity and obstructive sleep apnea. *Eur Respir J* 2012, 39: 746-767.
75. Chimenti L, Luque T, Bonsignore MR, Ramirez J, Navajas D, Farré R. Pre-treatment with mesenchymal stem cells reduces ventilator-induced lung injury. *Eur Respir J* 2012, March 22, 2012, doi: 10.1183/09031936.00153211; 40 (4): 939-948
76. Parati G, Lombardi C, Hedner J, Bonsignore MR, Grote L, Tkacova R, Levy P, Riha R, Bassetti C, Narkiewicz K, Mancia G, McNicholas WT, on behalf of the EU COST ACTION B26 members. Position paper on the management of patients with obstructive sleep apnea and hypertension: joint recommendations by the European Society of Hypertension, by the European Respiratory Society and by the members of European COST (COoperation in Scientific and Technological research) ACTION B26 on obstructive sleep apnea. *J Hypertens* 2012, 30: 633-646.
77. Scichilone N, Morici G, Zangla D, Arrigo R, Cardillo I, Bellia V, Bonsignore MR. Effects of exercise training on airway closure in asthmatics. *J Appl Physiol*, 2012; 113 (5): 714-718; June 28, 2012, doi: 10.1152/jappphysiol.00529;.
78. Almendros I, Montserrat JM, Torres M, Bonsignore MR, Chimenti L, Navajas D, Farré R. Obesity and intermittent hypoxia increase tumor growth in a mouse model of sleep apnea. *Sleep Med* 2012, 13(10): 1254-1260, doi: 10.1016/j.sleep.2012.08.012.
79. Parati G, Lombardi C, Hedner J, Bonsignore MR, Grote L, Tkacova R, Levy P, Riha R, Bassetti C, Narkiewicz K, Mancia G, McNicholas WT, on behalf of the EU COST ACTION B26 members. Position paper on the management of patients with obstructive sleep apnea and hypertension: joint recommendations by the European Society of Hypertension, by the European Respiratory Society and by the members of European COST (COoperation in Scientific and Technological research) ACTION B26 on obstructive sleep apnea. *Eur Respir J* 2013, 41(3): 523-538.
80. Morici G, Bonanno A, Licciardi A, Valli G, Passino C, Bonardi D, Locorotondo N, Profita M, Palange P, Cogo A, Bonsignore MR. Plasma leptin and vascular endothelial growth factor (VEGF) in normal subjects at high altitude (5050 m). *Arch Physiol Biochem*, 2013, 119: 219-224
81. Bonsignore MR, Borel A-L, Machan E, Grunstein R. Sleep apnoea and metabolic dysfunction. *Eur Respir Rev* 2013, 22: 353-364
82. Marrone O, Bonsignore MR. Hyperuricemia and non-dipping blood pressure. *Int J Nephrol Renovasc Dis* 2013 Dec 4;6: 269-270
83. Mazzuca E, Battaglia S, Marrone O, Marotta AM, Castrogiovanni A, Barceló A, Esquinas C, Barbé F, Bonsignore MR. Gender-specific anthropometric markers of adiposity and Visceral Adiposity Index (VAI) in patients with Obstructive Sleep Apnea (OSA). *J Sleep Res*, 2014; 23: 13-21
84. Kent BD, Grote L, Bonsignore M, Saaresranta T, Verbraecken J, Lévy P, Sliwinski P, Tkacova R, Kvanne JA, Fietze I, Hedner J, McNicholas WT, and on behalf of the European Sleep APnoea Database collaborators. Sleep apnoea severity independently predicts glycemic health in nondiabetic subjects: the ESADA study. *Eur Respir J* 2014; 44(1):130-9. doi: 10.1183/09031936.00162713
85. Kent BD, Grote L, Ryan S, Pepin JL, Bonsignore MR, Tkacova R, Saaresranta T, Verbraecken J, Lévy P, Hedner J, McNicholas WT, European Sleep Apnea Database collaborators. Diabetes Mellitus prevalence and control in Sleep Disordered Breathing: the

- European Sleep Apnea Cohort (ESADA) study. *Chest* 2014; 146 (4): 982-990, doi: 10.1378/chest.13-2403
86. Bonsignore MR, Profita M, Gagliardo R, Riccobono R, Chiappara G, Pace E and Gjomarkaj M. Advances in asthma pathophysiology: stepping forward from the Maurizio Vignola experience. *Eur Respir Rev* 2015; 24(135): 30-39.
 87. Mitchell S, Simonds A, Andreas S, Bonsignore MR, Cooper B, Donic V, McNicholas W, Morell M, Palange P, Prest G, Riha R, Trang H, Randerath W, van der Grinten C, Verbraecken J, de Backer W. Introducing a core curriculum for respiratory sleep practitioners. *Breathe* 2015, 11 (1) (March 2015): 50-56, DOI: 10.1183/20734735.020414
 88. Salord N, Fortuna AM, Monasterio C, Gasa M, Perez A, Bonsignore MR, Villarasa N, Montserrat JM, Mayos M. A randomized control trial of CPAP on glucose tolerance in obese patients with obstructive sleep apnea. *Sleep*. 2015 Aug 31. pii: sp-00651-14.
 89. Buttacavoli M, Gruttad'Auria CI, Olivo M, Virdone R, Castrogiovanni A, Mazzuca E, Marotta AM, Marrone O, Madonia S, Bonsignore MR. Liver steatosis and fibrosis in OSA patients after long-term CPAP treatment: an imaging study. *Ultrasound Med Biol*. 2016 Jan;42(1):104-9. doi: 10.1016/j.ultrasmedbio.2015.08.009. Epub 2015 Sep 15
 90. Petta S, Marrone O, Torres D, Buttacavoli M, Cammà C, Di Marco V, Licata A, Lo Bue A, Parrinello G, Pinto A, Salvaggio A, Tuttolomondo A, Craxi A, Bonsignore MR. Obstructive sleep apnea is associated with liver damage and atherosclerosis in patients with non-alcoholic fatty liver disease. Under revision *PLoS One*, 201; 10(12):e0142210
 91. Fabbrini M, Arico' I, Tramonti F, Conduro R, Carnicelli L, De Rosa A, Di Perri C, Bonsignore MR, Zito A, Russo G, Pagliarulo MG, Guarnieri B, Cerroni G, Mennuni G, Della Marca G, Bonanni E, Silvestri R. Sleep disorders in menopause: results from an Italian Multicentric Study. *Arch Ital Biol*. 2015 Sep 1;153(2-3):216-25. doi: 10.12871/0003982920152345.
 92. Bonanno A, Riccobono L, Bonsignore MR, Lo Bue A, Salvaggio A, Insalaco G, Marrone O. Relaxin in Obstructive Sleep Apnea: Relationship with Blood Pressure and Inflammatory Mediators. *Respiration*, 2016; 91(1):56-62. doi: 10.1159/000443182
 93. Morici G, Rappa F, Cappello F, Pace E, Pace A, Mudò G, Crescimanno G, Belluardo N, Bonsignore MR. Lack of dystrophin affects bronchial epithelium in *mdx* mice. *J Cell Physiol*, 2016; 231: 2218-2223, doi: 10.1002/jcp.25339
 94. Bonsignore MR, Randerath W, Riha R, Smyth D, Gratzou C, Gonçalves M, McNicholas WT. New rules on driver licensing for patients with obstructive sleep apnea: European Union Directive 2014/85/EU. *J Sleep Res* 2016 Feb;25(1):3-4. doi: 10.1111/jsr.12379.
 95. Bonsignore MR, Randerath W, Riha R, Smyth D, Gratzou C, Goncalves M, McNicholas WT. New rules on driver licensing for patients with obstructive sleep apnoea: EU Directive 2014/85/EU. *Eur Respir J* 2016; 47(1):39-41. doi:10.1183/13993003.01894-2015.
 96. Marrone O, Bonsignore MR. The puzzle of metabolic effects of obstructive sleep apnoea in children. *Eur Respir J* 2016; 47(4):1050-3. doi: 10.1183/13993003.00115-2016.
 97. Marrone O, Battaglia S, Steiropoulos P, Basoglu OK, Kvamme JA, Ryan S, Pepin JL, Verbraecken J, Grote L, Hedner J, Bonsignore MR; ESADA study group. Chronic kidney disease in European patients with obstructive sleep apnea: the ESADA cohort study. *J Sleep Res*. 2016 May 18. doi: 10.1111/jsr.12426.
 98. Pace E, Di Vincenzo S, Ferraro M, Bruno A, Dino P, Bonsignore MR, Battaglia S, Saibene F, Lanata L, Gjomarkaj M. Carbocysteine counteracts the effects of cigarette smoke on cell growth and on the SIRT1/FoxO3 axis in bronchial epithelial cells. *Exp Gerontol* 2016; 81: 119-128. doi: 10.1016/j.exger.2016.05.013.
 99. McNicholas WT, Bonsignore MR, Lévy P, Ryan S. Mild obstructive sleep apnoea: clinical relevance and approaches to management. *Lancet Respir Med* 2016; 4: 826-834. doi: 10.1016/S2213-2600(16)30146-1. Review.
 100. Morici G, Gruttad'Auria CI, Baiamonte P, Mazzuca E, Castrogiovanni A, Bonsignore MR. Endurance training: is it bad for you? *Breathe* 2016; 12: 140-147, DOI: 10.1183/20734735.007016
 101. Petrone A, Mormile F, Bruni G, Quartieri M, Bonsignore MR, Marrone O. Abnormal thyroid hormones and non-thyroidal illness syndrome in obstructive sleep apnea, and effects of CPAP treatment. *Sleep Med* 2016; 23: 21-25, doi: 10.1016/j.sleep.2016.07.002.
 102. Morici G, Frinchi M, Pitruzzella A, Di Liberto V, Barone R, Pace A, Di Felice V, Belluardo N, Cappello F, Mudò G, Bonsignore MR. Mild aerobic exercise training hardly affects

- the diaphragm in *mdx* mice. *J Cell Physiol*, 2016; Aug 30. doi: 10.1002/jcp.25573. [Epub ahead of print].
103. Saaresranta T, Hedner J, Bonsignore MR, Riha RL, McNicholas WT, Penzel T, Anttalainen U, Kvamme JA, Pretl M, Sliwinski P, Verbraecken J, Grote L; ESADA Study Group. Clinical Pphenotypes and comorbidity in European sleep apnoea patients. *PLoS One* 2016; 11(10): e0163439. doi:10.1371/journal.pone.0163439.
 104. Almendros I, Crespo A, Tura-Ceide O, Bonsignore MR. Clinical physiology and sleep: insights from the European Respiratory Society Congress 2017. *J Thorac Dis*. 2017 Nov;9(Suppl 16):S1532-S1536. doi: 10.21037/jtd.2017.11.44. Review
 105. Bonsignore MR, Marrone O, McNicholas WT. Beneficial effects of continuous positive airway pressure treatment in obstructive sleep apnoea (OSA): the evidence (Review). *Barcelona Research Network Reviews* 2017; 3: 42-55 (ISSN: 2385-7110)
 106. Marotta AM, Borel JC, Galerneau LN, Tamisier R, Bonsignore MR, Pepin JL. Cardiovascular events in moderately to severely obese obstructive sleep apnea patients on positive airway pressure (CPAP) therapy. *Respiration* 2017; 93(3): 179-188, DOI: 10.1159/000454988
 107. Marrone O, Bonsignore MR. Obstructive sleep apnea and chronic kidney disease: open questions on a potential Public Health problem. *J Thorac Dis* 2018;10(1):45-48. doi: 10.21037/jtd.2017.12.12
 108. Verin E, Clavé P, Bonsignore MR, Marie JP, Bertolus C, Similowski T, Laveneziana P. Oropharyngeal dysphagia: when swallowing disorders meet respiratory diseases. *Eur Respir J*. 2017 Apr 12;49(4). pii: 1602530. doi:10.1183/13993003.02530-2016.
 109. Bonsignore MR. Sleep disordered breathing and cardiovascular outcomes: Is it time to change our thinking? *Trends Cardiovasc Med* 2017; 27: 290-292. doi: 10.1016/j.tcm.2017.01.001
 110. Bonsignore MR. Sleep apnea and its role in transportation safety. *F1000 Faculty Reviews*, accepted Oct 11, 2017
 111. Bonsignore MR, Suarez Giron MC, Marrone O, Castrogiovanni A, Montserrat JM. Personalised medicine in sleep respiratory disorders: focus on obstructive sleep apnoea diagnosis and treatment. *Eur Respir Rev* 2017, Oct 25;26(146). pii: 170069. doi: 10.1183/16000617.0069-2017. Print 2017 Dec 31
 112. Baiamonte P, Mazzuca E, Gruttad'Auria CI, Castrogiovanni A, Marino C, Lo Nardo D, Basile M, Algeri M, Battaglia S, Marrone O, Gagliardo A, Bonsignore MR. Use of autobilevel ventilation in patients with obstructive sleep apnea: An observational study. *J Sleep Res*. 2018; 27(6): e12680. doi: 10.1111/jsr.12680.
 113. Huertas A, Guignabert C, Barberà JA, Bärtsch P, Bhattacharya J, Bhattacharya S, Bonsignore MR, Dewachter L, Dinh-Xuan AT, Dorfmueller P, Gladwin MT, Humbert M, Kotsimbos T, Vassilakopoulos T, Sanchez O, Savale L, Testa U, Wilkins MR. Pulmonary vascular endothelium: the orchestra conductor in respiratory diseases: Highlights from basic research to therapy. *Eur Respir J*. 2018 Apr 4;51(4). pii: 1700745. doi: 10.1183/13993003.00745-2017.
 114. Marrone O, Cibella F, Pépin JL, Grote L, Verbraecken J, Saaresranta T, Kvamme JA, Basoglu OK, Lombardi C, McNicholas WT, Hedner J, Bonsignore MR; ESADA network. Fixed but not autoadjusting positive airway pressure attenuates the time-dependent decline in glomerular filtration rate in patients with obstructive sleep apnea. *Chest* 2018; 154(2):326-334. doi: 10.1016/j.chest.2018.04.020.
 115. Suarez-Giron MC, Isetta V, Masa JF, Egea C, Riha RL, Bonsignore MR, Montserrat JM. Sleep breathing disorders: have we reached the tipping point? *ERJ Open Res*. 2018 Apr 16;4(2). pii: 00172-2017. doi: 10.1183/23120541.00172-2017.
 116. Randerath W, Bassetti CL, Bonsignore MR, Farre R, Ferini-Strambi L, Grote L, Hedner J, Kohler M, Martinez-Garcia M, Mihaicuta S, Montserrat J, Pepin JL, Pevernagie D, Pizza F, Polo O, Riha R, Ryan S, Verbraecken J, McNicholas WT. Challenges and Perspectives in Obstructive Sleep Apnoea. Recommendations of the Baveno Expert Group. *Eur Respir J*. 2018; 52(3). pii: 1702616. doi: 10.1183/13993003.02616-2017.
 117. Bonsignore MR, Pepin JL, Anttalainen U, Schiza SE, Basoglu OK, Pataka A, Steiropoulos P, Dogas Z, Grote L, Hedner J, McNicholas WT, Marrone O; ESADA Study Group. Clinical presentation of patients with suspected obstructive sleep apnea and self-

reported physician-diagnosed asthma in the ESADA cohort. *J Sleep Res.* 2018; 27(6):e12729. doi: 10.1111/jsr.12729.

118. Bonsignore MR, Hedner J. The European sleep apnea database (ESADA) ERS clinical research collaboration: Past, present and future. *Eur Respir J* 2018; 52(4): article number 1801666. doi: 0.1183/13993003.01666-2018.
119. Basoglu OK, Zou D, Tasbakan MS, Hedner J, Ryan S, Verbraecken J, Escourrou P, Antalainen U, Kvanne JA, Bonsignore MR, Schiza S, Grote L; ESADA Study Group. Change in weight and central obesity by positive airway pressure treatment in obstructive sleep apnea patients: longitudinal data from the ESADA cohort. *J Sleep Res.* 2018 Dec;27(6):e12705. doi: 10.1111/jsr.12705.
120. Marrone O, Bonsignore MR. Blood-pressure variability in patients with obstructive sleep apnea: current perspectives (Review). *Nature Sci Sleep* 2018; 10: 229-242.
121. Gündüz C, Basoglu OK, Hedner J, Zou D, Bonsignore MR, Hein H, Staats R, Pataka A, Barbe F, Sliwinski P, Kent BD, Pepin JL, Grote L, on behalf of the European Sleep Apnea Database Collaborators. Obstructive sleep apnoea independently predicts lipid levels: Data from the European Sleep Apnea Database. *Respirology* 2018; 23(12): 1180-1189, doi: 10.1111/resp.13372
122. Bonsignore MR. Beneficial effects of CPAP in high-risk subgroups of OSA patients: some evidence, at last. *EClinicalMedicine* 2018; 2-3: 9-10. doi: 10.1016/j.eclim.2018.09.004. PMID: 31193654
123. Bonsignore MR, Baiamonte P, Mazzuca E, Castrogiovanni A, Marrone O. Obstructive sleep apnea and comorbidities: a dangerous liaison. *Multidisciplinary Respiratory Medicine* (2019) 14:8; doi: 10.1186/s40248-019-0172-9. PMID: 30809382.
124. Pataka A, Bonsignore MR, Ryan S, Riha R, Pepin JL, Schiza S, Basoglu O, Sliwinski P, Ludka O, Steiropoulos P, Antalainen U, McNicholas WT, Hedner J, Grote L, on behalf of ESADA Study Group. Cancer prevalence is increased in females with sleep apnoea - data from the ESADA. *Eur Respir J* 2019; accepted March 5, 2019, doi: 10.1183/13993003.00091-2019, accepted March 5, 2019, PubMed: 31109987
125. Randerath W, Bonsignore MR, Herkenrath S. Obstructive sleep apnoea in acute coronary syndromes. *Eur Respir Rev*, 2019; Jul 31;28(153). pii: 180114. doi: 10.1183/16000617.0114-2018. PMID: 31366458
126. Wächter M, Kantelhardt JW, Bonsignore MR, Bouloukaki I, Escourrou P, Fietze I, Grote L, Korzybski D, Lombardi C, Marrone O, Paranicova I, Pataka A., Ryan S, Schiza S, Sliwinski P, Steiropoulos P, Verbraecken J, Penzel T, ESADA Study Group. Unique sleep-stage transitions determined by obstructive sleep apnea severity, age and gender. *J Sleep Res* 2019; 2019 Jul 25:e12895. doi: 10.1111/jsr.12895. [Epub ahead of print]. PMID: 31347213.
127. Marrone O, Bonsignore MR. Decrease in blood pressure during CPAP treatment for obstructive sleep apnoea: still searching for predictive factors. *Eur Respir J* 2019, 54: 19012190, doi: 10.1183/13993003.01219-2019, accepted 21 June 2019 (Editorial), PMID: 31345991
128. Gunduz C, Kacmaz Basoglu O, Hedner J, Bonsignore MR, Hein H, Staats R, Bouloukaki I, Roisman G, Pataka A, Sliwinski P, Ondrej L, Pepin JL, Grote L. Hyperlipidemia prevalence and cholesterol control in obstructive sleep apnea: data from the European Sleep Apnea Database (ESADA). *J Intern Med* 2019, accepted 25 June 2019; *J Intern Med.* 2019 Jul 1. doi: 10.1111/joim.12952. [Epub ahead of print]. PMID: 31260567
129. Bonsignore MR, Saaresranta T, Riha RL. Sex differences in obstructive sleep apnoea. *Eur Respir Rev* 2019; Nov 6;28(154). pii: 190030. doi: 10.1183/16000617.0030-2019.
130. Bonsignore MR, Marrone O, Fanfulla F. Sleep Apnea, Sleepiness, and Driving Risk. *Sleep Med Clin.* 2019 Dec;14(4):431-439. doi: 10.1016/j.jsmc.2019.08.001.
131. Voulgaris A, Marrone O, Bonsignore MR, Steiropoulos P. Chronic kidney disease in patients with obstructive sleep apnea syndrome. A narrative review. *Sleep Med Rev* 2019; July 5, 2019, 47:74-89. doi: 10.1016/j.smrv.2019.07.001. Review. PMID 31376590
132. Suarez-Giron M, Bonsignore MR, Montserrat JM. New organization for follow-up and assessment of treatment efficacy in sleep apnoea. *Eur Respir Rev* 2019; 28(153): pii: 190059. doi: 10.1183/16000617.0059-2019.

133. Silvestri R, Aricò I, Bonanni E, Bonsignore M, Caretto M, Caruso D Di Perri MC, Galletti S, Lecca RM, Lombardi C, Maestri M, Miccoli M, Palagini L, Provini F, Puligheddu M, Savarese MA, Spaggiari MC, Simoncini T. AIMS Position Statement and guideline for the treatment of post-menopausal sleep disorders: A systematic review. *Menopause* 2019, Nov; 129: 30-39. Pii: S0378-5122(19)30630-9. DOI: <https://doi.org/10.1016/j.maturitas.2019.08.006>
134. Lindberg E, Bonsignore MR, Polo-Kantola P. Role of menopause and hormone replacement therapy in sleep disordered breathing. *Sleep Med Rev.* 2019 Oct 31;49:101225. doi: 10.1016/j.smrv.2019.101225.
135. Schiza S, Sanchez-de-la-Torre M, Bonsignore MR, Laveneziana P. Continuous Professional Development (CPD): Elevating Sleep and breathing disorders education in Europe. *Breathe* 2020, 16(1): 1-8, doi: 10.1183/20734735.0336-2019
136. Bouloukaki I, Grote L, McNicholas WT, Hedner J, Verbraecken J, Parati G, Lombardi C, Basoglu OK, Pataka A, Marrone O, Steiropoulos P, Bonsignore MR, Schiza SE; ESADA collaborators. Mild OSA increases hypertension risk challenging traditional OSA severity classification. *J Clin Sleep Med* 2020 Feb 11. doi: 10.5664/jcsm.8354.
137. Bonsignore MR, Barbera CDG, Clini E. Obstructive sleep apnea and blood pressure in young hypertensives: does it matter? (Editorial). *Intern Emerg Med* 2020, March 19, 2020, doi: 10.1007/s11739-020-02308-0
138. Bassetti CLA, Randerath W, Vignatelli L, Brill A-K, Bonsignore MR, Grote L, Jennum P, Leys D, Minnerup J, Nobili L, Tonia T, Morgan R, McNicholas WT, Kerry J, Ferini-Strambi L, Papavasileiou V. Impact of sleep disorders on risk and outcome of stroke. A statement paper of the EAN-ERS-ESO-ESRS Task Force. *Eur J Neurol* 2020, in press; doi: 10.1111/ene.14201.
139. Bassetti CLA, Randerath W, Vignatelli L, Brill A-K, Bonsignore MR, Grote L, Jennum P, Leys D, Minnerup J, Nobili L, Tonia T, Morgan R, McNicholas WT, Kerry J, Ferini-Strambi L, Papavasileiou V. Impact of sleep disorders on risk and outcome of stroke. A statement paper of the EAN-ERS-ESO-ESRS Task Force. *Eur Respir J*, 55: 1901104 doi: 0.1183/13993003.01104-2019.
140. Marrone O, Cibella F, Roisman G, Sliwinski P, Joppa P, Basoglu OK, Bouloukaki I, Schiza S, Pataka A, Staats R, Verbraecken Hedner J, Grote L, Bonsignore MR; on behalf of the ESADA study group. Effects of sleep apnea and kidney dysfunction on objective sleep quality in non-dialyzed patients with chronic kidney disease: An ESADA study. *J Clin Sleep Med, J Clin Sleep Med.* 2020 May 4. doi: 10.5664/jcsm.8542. [Epub ahead of print]. PMID: 32364929
141. Bouloukaki I, Mermigkis C, Bonsignore MR Markakis M, Pataka A, Steiropoulos P, Ermidou C, Alexaki I, Tzanakis N, Schiza S. Vitamin D Deficiency in Patients Referred for Evaluation of Obstructive Sleep Apnea. Is it Associated with Disease Severity? *Sleep Breath* 2020 Jul 10. doi: 10.1007/s11325-020-02142-w.
142. Marrone O, Bonsignore MR. Sleep apnea and the kidney. *Curr Sleep Med Rep*, In press, 2020, doi: 10.1007/s40675-020-00176-w.
143. Galerneau L-M, S Bailly S, Borel J-C, Jullian-Desayes I, Joyeux-Faure M, Benmerad M, Bonsignore MR, Tamisier R, Pépin J-L. Long-term trajectories of arterial stiffness in obese CPAP treated obstructive sleep apnea *PLoS One* 2020; 15(8): e0236667. doi: 10.1371/journal.pone.0236667
144. Marrone O, Bonsignore MR. Obstructive sleep apnea and cancer: a complex relationship. *Curr Opin Pulm Med* 2020; 26: 657-667. DOI:10.1097/MCP.0000000000000729
145. Bailly S, Grote L, Hedner J, Schiza S, McNicholas WT, Basoglu OK, Lombardi C, Dogas Z, Roisman G, Pataka A, Bonsignore MR, Pepin J-L, on behalf of the ESADA study group. Clusters of sleep apnoea phenotypes: A large pan-European study from the ESADA database. *Respirology* 2020, Nov 2, 2020, DOI:10.1111/resp.13969
146. Morici et al. Respiratory effects of exposure to air pollutants during exercise. *Frontiers in Public Health*, 2020; 8: 575137, doi: 10.3389/fpubh.2020.575137.
147. Bonsignore MR, Randerath W, Schiza S, Verbraecken J, Elliott MW, Riha R, Barbe F, Bouloukaki I, Castrogiovanni A, Deleanu O, Goncalves M, Leger D, Marrone O, Penzel T, Ryan S, Smyth D, Teran-Santos J, Turino C, McNicholas WT. European Respiratory Society Statement on Sleep Apnoea, Sleepiness and Driving Risk. *Eur Respir J* 2021; 57(2):2001272, doi: 10.1183/13993003.01272-2020.

148. Schiza S, Simonds A, Randerath W, Fanfulla F, Grote L, Montserrat J, Pepin J-L, Verbraecken J, Bonsignore MR. Sleep laboratories reopening and COVID-19: A consensus of European experts. *Eur Respir J* 2021; 57(3):2002722, doi. 10.1183/13993003.02722
149. Fanfulla F, D'Artavilla Lupo N; Malovini A, Arcovio S, Prpa A, Mogavero MP, Pronzato C, Bonsignore MR. Reliability of automatic detection of AHI during positive airway pressure treatment in obstructive sleep apnea patients: a "real-life study". *Respir Med* 2021; 177: 1063303, doi: 10.1016/j.rmed.2021.106303.
150. Randerath W, Herkenrat S, Tremel M, Grote L, Hedner J, Bonsignore MR, Pépin JL, Ryan S, Schiza S, Verbraecken J, McNicholas WT, Pataka A, Sliwinski P, Basoglu OK. Evaluation of a multicomponent grading system for obstructive sleep apnoea: the Baveno classification. *ERJ Open* 2021; 7: 00928-2020.
151. Staats R, Bailly S, Bonsignore MR, Ryan S, Riha RR, Schiza S, Verbraecken J, Basoglu OK, Saaresranta T, Pataka A, Ludka O, Lombardi C, Hedner JA, Grote L, the European Sleep Apnea Database (ESADA) collaborators. Impact of temperature on obstructive sleep apnoea in three different climate zones of Europe - data from the European Sleep Apnoea Database (ESADA). *J Sleep Res.* 2021; 00:e13315. Doi: 10.1111/jsr.13315, e-pub
152. Tasbakan S, et al. Positive airway pressure (PAP) treatment reduces glycated hemoglobin (HbA1c) levels in obstructive sleep apnea patients with concomitant weight loss: Longitudinal data from the ESADA. *J Sleep Res*, accepted Feb. 19, 2021.
153. Fanfulla F, Pinna GD; Marrone O, D'Artavilla Lupo N, Arcovio S, Bonsignore M, Morrone E. Determinants of sleepiness at wheel and missing accidents in patients with obstructive sleep apnea. *Front Neurosci*, accepted 23 March 2021
154. Frinchi M, Morici G, Mudò G, Bonsignore MR, Di Liberto V. Impact of temperature on obstructive sleep apnoea Beneficial role of exercise in the modulation of mdx muscle plastic remodeling and oxidative stress. *Antioxidants* 2021, 10, 558. <https://doi.org/10.3390/antiox10040558>; accepted 15 March 2021.
155. Bonsignore MR, Pepin JL, Cibella F, Barbera CD, Marrone O, Verbraecken J, Saaresranta T, Basoglu OK, Trakada G, Bouloukaki I, McNicholas WT, Bailly S, Pataka A, Kvamme JA, Hein H, Mihaicuta S, Grote L, Fanfulla F and ESADA Study Group. Excessive Daytime Sleepiness in Obstructive Sleep Apnea Patients Treated With Continuous Positive Airway Pressure: Data From the European Sleep Apnea Database. *Front. Neurol.* 2021; 12:690008. doi: 10.3389/fneur.2021.690008, August 9, 2021
156. Voulgaris A, Bonsignore MR, Schiza S, Marrone O, Steiropoulos P. s kidney a new organ target in patients with obstructive sleep apnea? Research priorities in a rapidly evolving field. *Sleep Med* 2021; 86: 56-67, doi: 10.1016/j.sleep.2021.08.009, accepted Aug. 12, 2021.

Papers COSTB26/ESADA Study group/Baveno Working Group (no main authorship):

157. Riha RL, Diefenbach K, Jennum P, McNicholas WT; Management Committee, COST B26 Action on Sleep Apnoea Syndrome. Genetic aspects of hypertension and metabolic disease in the obstructive sleep apnoea-hypopnoea syndrome. *Sleep Med Rev* 2008; 12: 49-63.
158. Tkacova R, McNicholas WT, Javorsky M, Fietze I, Sliwinski P, Parati G, Grote L, Hedner J, European Sleep Apnoea Database study collaborators. Nocturnal intermittent hypoxia predicts prevalent hypertension in the European Sleep Apnoea Database cohort study. *Eur Respir J* 2014;44(4):931-41, Epub 2014 Aug 7, doi: 10.1183/09031936.00225113
159. Karimi M, Hedner J, Lombardi C, McNicholas WT, Penzel T, Riha RL, Rodenstein D, Grote L, the ESADA Study Group. Driving habits and risk factors for traffic accidents among sleep apnea patients - a European multi-center cohort study. *J Sleep Research*, 2014, 23 (6): 689-699, doi: 10.1111/jsr.12171
160. Escourrou P, Grote L, Penzel T, McNicholas WT, Verbraecken J, Tkacova R, Riha RL, Hedner J on behalf of the ESADA Study group. The diagnostic method has a strong influence on classification of obstructive sleep apnoea. *J Sleep Res* 2015; DOI: 10.1111/jsr.12318
161. McNicholas WT, Bassetti CL, Ferini-Strambi L, Pépin JL, Pevernagie D, Verbraecken J, Randerath W; Baveno Working Group members. Challenges in obstructive sleep apnoea. *Lancet Respir Med.* 2018 Mar;6(3):170-172. doi: 10.1016/S2213-2600(18)30059-6. Epub 2018 Feb 7. Erratum in: *Lancet Respir Med.* 2018 Apr;6(4):e15. PubMed PMID: 29428843.

162. Dieltjens M, Verbraecken JA, Hedner J, Vanderveken OM, Steiropoulos P, Kvamme JA, Saaresranta T, Tkacova R, Marrone O, Dogas Z, Schiza S, Grote L, on behalf of the ESADA collaborators. Use of the Clinical Global Impression scale in sleep apnea patients. Results from the ESADA database Sleep Medicine 2019, in press, doi.org/10.1016/j.sleep.2018.10.028
163. Anttalainen U, Grote L, Fietze I, Riha RL, Ryan S, Staats R, Hedner J, Saaresranta T; ESADA Study Collaborators. Insomnia symptoms combined with nocturnal hypoxia associate with cardiovascular comorbidity in the European sleep apnea cohort (ESADA). Sleep Breath. 2018 Nov 22. doi: 10.1007/s11325-018-1757-9.
164. Gunduz C, Basoglu OK, Kvamme JA, Verbraecken J, Anttalainen U, Marrone O, Steiropoulos P, Roisman G, Joppa P, Hein H, Trakada G, Hedner J, Grote L, on behalf of the European Sleep Apnea Database collaborators. Long-term positive airway pressure therapy is associated with reduced total cholesterol levels in patients with obstructive sleep apnea: Data from the European Sleep Apnea Database (ESADA), Sleep Medicine, <https://doi.org/10.1016/j.sleep.2020.02.023>.
165. Grote L, McNicholas WT, Hedner J, on behalf of the ESADA collaborators. Sleep apnoea management in Europe during the COVID-19 pandemic - data from the European Sleep Apnoea Database (ESADA). Research letter. Eur Respir J 2020, accepted 24 April.
166. Svedmyr S, Hedner J, Zou D, Parati G, Ryan S, Hein H, Pepin J-L, Tkacova R, Marrone O, Schiza S, Basoglu O, Grote L, on behalf of the European Sleep Apnea Database (ESADA) study group. Superior hypertension control with betablockade in the European Sleep Apnea Database. J Hypertens 2020, 38, DOI:10.1097/HJH.0000000000002629.
167. Pengo MF, Faini A, Grote L, Ludka O, Joppa P, Pataka A, Dogas Z, Mihaicuta S, Hein H, Anttalainen U, Ryan S, Lombardi C, Parati G; ESADA Working Group. Impact of Sleep Apnea on Cardioembolic Risk in Patients With Atrial Fibrillation: Data From the ESADA Cohort. Stroke. 2020 Dec 4:STROKEAHA120030285. doi: 10.1161/STROKEAHA.120.030285. Epub ahead of print. PMID: 33272126.
168. Riha RL, Kotoulas S-C, Pataka A, Kvamme JA, Joppa P, Hedner J, on behalf of the ESADA collaborators. Obstructive sleep apnoea in adult patients post-tonsillectomy. Sleep Med 2021; 78: 189-192, doi: 10.1016/j.sleep.2020.11.024.

Capitoli di libri Internazionali:

1. Bonsignore MR, McNicholas W. Sleep-disordered breathing in the elderly. In: Respiratory Diseases in the Elderly (Bellia V, Antonelli-Incalzi R eds), European Respiratory Monograph 43, March 2009; p. 179-204, European Respiratory Society, Latimer Trend & Co. Ltd, Plymouth, UK, ISBN: 978-1-904097-67-9; ISSN: 1025-448x.
2. McNicholas WT, Bonsignore MR. Introduction. In Sleep Apnea (McNicholas WT, Bonsignore MR eds), European Respiratory Monograph 50, p. VII-IX, European Respiratory Society, Latimer Trend & Co. Ltd, Plymouth, UK, Dec 2010, ISBN: 978-1-84984-006-4; ISSN: 1025-448x,
3. Bonsignore MR, Battaglia S, Zito A, Lombardi C, Parati G. Sleep apnoea and systemic hypertension. In Sleep Apnea (McNicholas WT, Bonsignore MR eds), European Respiratory Monograph 50, p. 150-173, European Respiratory Society, Latimer Trend & Co. Ltd, Plymouth, UK, Dec 2010, ISBN: 978-1-84984-006-4; ISSN: 1025-448x.
4. Bonsignore MR, McNicholas WT. What can we expect to find in the next Monograph on OSA? In Sleep Apnea (McNicholas WT, Bonsignore MR eds), European Respiratory Monograph 50, p. 421-423, European Respiratory Society, Latimer Trend & Co. Ltd, Plymouth, UK, Dec 2010, ISBN: 978-1-84984-006-4; ISSN: 1025-448x.
5. Bonsignore MR, Scichilone N, Chimenti L, Santagata R, Zangla D, Morici G. Effects of exercise on the airways. In: An International Perspective on Topics in Sports Medicine and Sports Injury (Zaslav KR ed.), InTech, Rijeka, Croatia, 2012, ISBN 978-953-51-0005-8, pp. 187-212.
6. Bonsignore MR. Predisposing factors. ERS Handbook: Respiratory Sleep Medicine (Simonds A, de Backer W, eds), 2012, European Respiratory Society, Sheffield, UK, ISBN 978-1-84984-023-1, p. 95-99
7. Bonsignore MR. Quality of life. ERS Handbook: Respiratory Sleep Medicine (Simonds A, de Backer W, eds), 2012, European Respiratory Society, Sheffield, UK, ISBN 978-1-84984-023-1, p. 107-110
8. Bonsignore MR. Surgical and anesthesia risk assessment. ERS Handbook: Respiratory Sleep Medicine (Simonds A, de Backer W, eds), 2012, European Respiratory Society, Sheffield, UK, ISBN 978-1-84984-023-1, p. 111-114
9. Bonsignore MR. Co-morbidity assessment. ERS Handbook: Respiratory Sleep Medicine (Simonds A, de Backer W, eds), 2012, European Respiratory Society, Sheffield, UK, ISBN 978-1-84984-023-1, p. 115-119

10. Bonsignore MR, Masa JF. Cardio-respiratory monitoring during sleep. ERS Handbook: Respiratory Sleep Medicine (Simonds A, de Backer W, eds), 2012, European Respiratory Society, Sheffield, UK, ISBN 978-1-84984-023-1, p. 136-146
11. Bonsignore MR, Marrone O. Brain and breathing. In: Sleepiness and Human Impact Assessment (Garbarino S, Nobili L, Costa G, eds), Springer-Verlag Italia, Milan, 2014, ISBN 978-88-470-5387-8, doi: 10.1007/978-88-470-5388-5_19, pages 207-213
12. Bonsignore MR, Mazzuca E, Gruttad'Auria CI, Marotta AM, Castrogiovanni A, Marrone O. Adipose tissue in sleep apnea: effects of hypoxia and inflammation. In: Modulation of sleep by obesity, diabetes, age and diet (Watson RR ed), Elsevier, 2015, doi del contributo: <http://dx.doi.org/10.1016/B978-0-12-420168-2.00008-9>; ISBN: 978-0-12-420168-2
13. Bonsignore MR, Steiropoulos P. Obstructive Sleep Apnea and Metabolic Syndrome. In: European Respiratory Monograph 67: "Sleep Apnea" (Barbé FE, Pepin JL eds), 2015; 67: 221-237. DOI: 10.1183/2312508X.10006014
14. Sanchez-de-la-Torre M, Bonsignore MR, Barbé F. Cardiovascular disease: pathophysiological mechanisms. In: European Respiratory Monograph 67: Sleep Apnea" (Barbé FE, Pepin JL eds), 2015; 67: 37-50. DOI: 10.1183/2312508X.10005614
15. Bonsignore MR, Marrone O. Diagnostic tests for sleep-related breathing disorders. In: Diagnostic evaluation of the respiratory symptoms (Sorino C, Augugliaro G, eds), Nova Publisher, 2016
16. Morici G; Cibella F, Zangla D, Baiamonte P, Bonsignore MR. Environmental conditions, Air pollutant, and exercise. In: Exercise, Sports and Pulmonology. Pathophysiological Adaptations and Rehabilitation (Cogo A, Bonini M, Onorati P, eds), Springer 2019; ISBN 978-3-030-05257-7, p. 209-220.
17. Bonsignore MR, Marrone O. Sleep-disordered breathing and asthma. ESRS Textbook, 2021.
18. Bonsignore MR, Gallina S, Drager L. Cardiovascular consequences of sleep disordered breathing: effects of CPAP. In ERS Monograph: "Cardiovascular Implications of Respiratory Disorders", Martínez-García MA, Pepin JL and Cazzola M, eds). 2020; doi: 10.1183/2312508X.10027819
19. Bonsignore MR. Metabolic consequences of obstructive sleep apnea. Encyclopaedia of Respiratory Medicine, 2nd Edition, (Laurent G, Eickelberg O, Humbert M, Eds), Elsevier, accepted.
20. Bonsignore MR. Obesity and Obstructive Sleep Apnea. In: From Obesity to Diabetes Eckel J, Clément K, eds. Springer Nature Switzerland 2021, accepted

Capitoli di libri Nazionali:

1. Bonsignore G, Bellia V, Bonsignore MR, Spatafora M. Malattie dell'apparato respiratorio. In: Trattato di Medicina Interna, editori: Teodori U, Gentilini P, Società Editrice Universo, Roma, V edizione, 1993, volume II, p. 1361-1552.
2. Bonsignore MR. Disturbi cardio-respiratori. Il punto su: asma e BPCO. Similitudini e differenze. (D. Olivieri, S Bianco, GC Folco, ed.) Scientific Press s.r.l., Firenze, 1995, p.109-120.
3. Bonsignore MR. Le interazioni cardio-polmonari. In: Malattie dell'Apparato Respiratorio (G. Bonsignore, V Bellia, eds) McGraw-Hill Libri Italia, ISBN 88-386-2312-0, 1995, p. 415-423.
4. Bonsignore MR. Il cuore polmonare. In: Malattie dell'Apparato Respiratorio (G. Bonsignore, V Bellia, eds) McGraw-Hill Libri Italia, ISBN 88-386-2312-0, 1995, p. 425-436.
5. Bonsignore MR. L'edema polmonare cardiogeno. In: Malattie dell'Apparato Respiratorio (G. Bonsignore, V Bellia, eds) McGraw-Hill Libri Italia, ISBN 88-386-2312-0, 1995, p. 437-446.
6. Bonsignore MR. L'embolia polmonare. In: Malattie dell'Apparato Respiratorio (G. Bonsignore, V Bellia, eds) McGraw-Hill Libri Italia, ISBN 88-386-2312-0,1995, p. 455-463.
7. Gjomarkaj M, Bonsignore MR. Patologia della pleura. In: Malattie dell'Apparato Respiratorio (G. Bonsignore, V Bellia, eds) McGraw-Hill Libri Italia, ISBN 88-386-2312-0,1995, p. 501-524.
8. Bonsignore MR, Cibella F. I disordini del controllo della respirazione. In: Medicina Interna Fisiopatologia e Clinica (Scuro LA ed). UTET, Torino, 1997, 2099-2120, ISBN 880205066X.
9. Ferini-Strambi L, Bonsignore MR. Eventi autonomici legati al sonno. In: Eventi fasici e microstruttura del sonno (Terzano MG, Parrino L, Mennuni GF, eds), Consensus Conference, Associazione Italiana Medicina del Sonno (AIMS), Martano Editore, Lecce, 1997, 137-156. ISBN: 88-86444-06-0
10. Bonsignore G, Bonsignore MR, Marrone O. Sleep apnea ed insufficienza respiratoria. In: "Il punto su: l'insufficienza respiratoria: terapia intensiva e semintensiva", (L Gattinoni, A Rossi, D Olivieri, ed.) Scientific Press s.r.l., Firenze, ISSN 1123-3214; 1998, p.175-184.
11. Bonsignore MR, Insalaco G, Marrone O, Salvaggio A. Alterazioni della funzione respiratoria nel sonno. In: "Insufficienza respiratoria". (G Bonsignore, V Bellia eds) Masson, Milano, 126-142, 1999.

12. Bonsignore MR. Interazioni cardiopolmonari. In: "Malattie dell'Apparato Respiratorio 2ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2367-8, p. 63-72, 1999.
13. Marrone O, Bonsignore MR, Insalaco G, Salvaggio A. Patologia disventilatoria associata al sonno. In: "Malattie dell'Apparato Respiratorio 2ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2367-8, p. 291-309, 1999.
14. Bonsignore MR. Cuore polmonare. In: "Malattie dell'Apparato Respiratorio 2ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2367-8, p. 463-476, 1999.
15. Bonsignore MR. Edema polmonare cardiogeno. In: "Malattie dell'Apparato Respiratorio 2ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2367-8, p. 477-486, 1999.
16. Bonsignore MR. Embolia polmonare. In: "Malattie dell'Apparato Respiratorio 2ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2367-8, p. 495-506, 1999.
17. Gjomarkaj M, Bonsignore MR. Patologia della pleura. In: "Malattie dell'Apparato Respiratorio 2ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2367-8, p. 549-574, 1999.
18. Bonsignore G, Bonsignore MR, Marrone O. Eventi cardiorespiratori durante il sonno. In: "Enciclopedia Medica italiana - Aggiornamento II", USES, Firenze, Vol. III, 2000, p. 5550-5559.
19. Bonsignore G, Bonsignore MR, Marrone O, Insalaco G, Salvaggio A. Alterazioni cardiorespiratorie nel sonno. In: "Il volto della BPCO che cambia", Quaderni della BPCO vol. 2, (C Giuntini, V Grassi, eds), UTET periodici, Torino, 2001, p. 85-94
20. Bonsignore G, Bellia V, Bertorelli G, Bonsignore MR, Scagliotti GV, Vignola AM. Malattie dell'apparato respiratorio. In: Teodori - Trattato italiano di Medicina Interna, VI edizione (Guarini G, Fiorelli G, Malliani A, Violi F, Volpe M, eds), 2001 Società Editrice Universo, Roma, Vol. 1, p. 999-1174.
21. Bonsignore MR. Sindrome dell'Apnea Ostruttiva nel sonno. Aggiornamento 2004-2005 Enciclopedia Medica Italiana, UTET, Milano, 2005.
22. Bonsignore MR. Interazioni Cardiopolmonari. In: "Malattie dell'Apparato Respiratorio 3ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2390-2, p. 59-67, 2006.
23. Marrone O, Bonsignore MR, Insalaco G, Salvaggio A. Patologia disventilatoria associata al sonno. In: "Malattie dell'Apparato Respiratorio 3ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2390-2, p. 289-305, 2006.
24. Bonsignore MR. Cuore polmonare. In: "Malattie dell'Apparato Respiratorio 3ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2390-2, p. 475-486, 2006.
25. Bonsignore MR. Edema polmonare cardiogeno. In: "Malattie dell'Apparato Respiratorio 3ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2390-2, p. 487-496, 2006.
26. Bonsignore G, Bellia V, Bonsignore MR. Sindrome da sofferenza respiratoria acuta (ARDS) In: "Malattie dell'Apparato Respiratorio 3ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2390-2, p. 497-504, 2006.
27. Bonsignore MR. Embolia polmonare. In: "Malattie dell'Apparato Respiratorio 3ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2390-2, p. 505-514, 2006.
28. Gjomarkaj M, Bonsignore MR. Patologia della pleura. In: "Malattie dell'Apparato Respiratorio 3ª Edizione", (G Bonsignore, V Bellia eds), McGraw Hill Libri Italia, Milano, ISBN 88-386-2390-2, p. 557-580, 2006.
29. Chimenti L, Morici G, Paternò A, Bonanno A, Bellia V, Bonsignore MR (2007). Exercise-induced changes in airways cells. In: Experimental Medicine Reviews. (vol. 1, pp. 17-27). ISBN: 978-88-89876-08-4, Plumelia (Italy). Edited by: A Gerbino, G Zummo, G Crescimanno.
30. Morici G, Chimenti L, Bonanno A, Riccobono L, Profita M, Paternò A, Bonsignore MR. (2007). Airways cells in swimmers: a case report and a review of the literature. In: Experimental Medicine Reviews. (vol. 1, pp. 37-46). ISBN: 978-88-89876-08-4. Plumelia (Italy). Edited by: A Gerbino, G Zummo, G Crescimanno.
31. Bonsignore MR. Alterazioni del controllo della respirazione. In: Malattie dell'Apparato Respiratorio, Trattato di Medicina Interna fondato dal Prof. P: Larizza, Vol. 5 Malattie dell'Apparato Respiratorio (Zuin, ed), Piccin Nuova Libreria, Padova, 2008, ISBN 978-88-299-1889-8, p.1071-1085

32. Bonsignore MR. La patologia disventilatoria nel sonno. In: Core Curriculum, Malattie Respiratorie (V. Bellia ed.), MacGraw-Hill 2011; ISBN 978-88-386-3962-3, p. 215-230.
33. Bonsignore MR, Marrone O. Controllo del respiro durante il sonno. In: Disturbi respiratori nel sonno: OSAS e non solo (ed. Resta O), Edizioni Minerva Medica, Torino, 2013, pp 23-32, ISBN 978-88-7711-767-0
34. Bonsignore MR. La meccanica respiratoria. In: Fisiologia e Clinica dell'Attività Motoria (Saggini R, Bonsignore MR, Castellacci E, Uccioli L, Avagnina L, Francavilla VC, D'Arienzo M, eds), 2014, Nuova Ipsa Editore, Palermo, ISBN 978-88-7676-597-1, pp. 57-62
35. Zangla D, Scichilone N, Santagata R, Bonsignore MR, Morici G. La broncoreattività nell'esercizio fisico. In: Fisiologia e Clinica dell'Attività Motoria (Saggini R, Bonsignore MR, Castellacci E, Uccioli L, Avagnina L, Francavilla VC, D'Arienzo M, eds), 2014, Nuova Ipsa Editore, Palermo, ISBN 978-88-7676-597-1, pp. 211-222.
36. Bonsignore MR. Alterazioni respiratorie durante il sonno. Rugarli Medicina Interna Sistematica, 7° edizione, 2015, Capitolo 21.
37. Bonsignore MR, Mazzarella G, Resta O. Disturbi respiratori nel sonno e apnee. Manuale di Pneumologia (EM Clini, G Pelaia, eds), 2017, EDISES, Napoli, ISBN 978-88-7959-952-8, Capitolo 31, 326-336.
38. Bonsignore MR. Alterazioni respiratorie durante il sonno. Rugarli Medicina Interna Sistematica, 8° edizione, 2020, Capitolo 21.

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base al D. Lgs. 196 del 30 giugno 2003

Palermo, 2 maggio 2022