

PERSONAL INFORMATION

**Silvestro Ennio D'Anna**

Sex Male | Date of birth [REDACTED] Nationality Italian

WORK EXPERIENCE

From Oct 2019 To date

Medical doctor

Istituti Clinici Scientifici Maugeri, IRCCS Istituto Scientifico di Telese, 1 , via bagni vecchi, 82037 Telese Terme (BN, Italy)

www.fsm.it

- Respiratory medicine specialist

From May 2005 to Sep. 2019

Medical doctor

Fondazione Istituto G. Giglio di Cefalù, C.da Pietra Pollastra, 90015 Cefalù (PA, Italy)

www.ospedalegiglio.it

- Respiratory medicine specialist, coordinating pneumological respiratory activities in rehabilitation unit

From April 2003 to May 2005

Medical Doctor

Fondazione Salvatore Maugeri, IRCCS Istituto Scientifico di Tradate, 16, Via Roncaccio, 21049 Tradate (Va)

www.fsm.it

- Respiratory medicine specialist

From November 2000 to April 2003

Junior research investigator in the Scientific Institute of Veruno, Salvatore Maugeri Foundation-IRCCS.

Fondazione Salvatore Maugeri, IRCCS Istituto Scientifico di Veruno, 13, Via per Revislate, 28010 Veruno (NO, Italy)

- Participating as Junior research investigator to "Educare", first educational project involving more than 1000 COPD patients.
- Participating as Junior research investigator to a three year, Multi-site Family international study aimed to identify genetic determinants associated with susceptibility to chronic obstructive pulmonary disease.

EDUCATION AND TRAINING

From February to July 2000

Fellow in the Scientific Institute of Gussago, Salvatore Maugeri Foundation-IRCCS.Replace with EQF
(or other) level if
relevant

Fondazione Salvatore Maugeri, IRCCS Istituto Scientifico di Gussago (BS, Italy)
www.fsm.it

From 1998 to 1999

▪ Techniques of pulmonary rehabilitation including bronchoscopy, non invasive ventilation, management of tracheostomy cannula

Internship at the Centre for the Study of Cardio-respiratory Alterations in Sleep of the Institute of Respiratory Pathophysiology of the National Investigation Council of Palermo

Replace with EQF (or other) level if relevant

CNR Palermo, 153, Via Ugo La Malfa, 90146 - Palermo (Italy)

www.area.pa.cnr.it

From 1996 to 2000

▪ Non invasive mechanical ventilation in acute and sleep apnoea patients, polysomnography
Specialization on Respiratory Diseases

Specialist degree level 8

School of Specialization on Respiratory Diseases University of Palermo, 61, Piazza Marina, 90133 Palermo (Italy)

www.unipa.it

From 1990 to 1996

Bachelor of Medicine

University degree level 7

Medical School, University of Palermo, 61, Piazza Marina, 90133 Palermo (Italy)

www.unipa.it

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

English

Spanish

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Independent user - B2	Independent USER	B2	Independent USER	B2
Independent USER - B2	Independent USER	B2	Independent USER	B2

Driving licence

B

ADDITIONAL INFORMATION

Certificate of good clinical practice ICH E6 GCP completed 11/Oct/2022 with a score of 100%

Publications

List of publications with Impact Factor

1. Vitacca M, Barbano L, D'Anna S, Porta R, Bianchi L, Ambrosino N. Comparison Of Five Bi-Level Pressure Ventilators In Patients With Chronic Ventilatory Failure. A physiological study. *Chest* 2002 Dec; 122 (6): 2105-14.
2. Cibella F., Cuttitta G, Bellia V, Bucchieri S, D'Anna S, Guerrero D, Bonsignore G. Lung function decline in bronchial asthma. *Chest* 2002 Dec; 122 (6): 1944-8.
3. Cappello F, Di Stefano A, D'Anna SE, Donner CF, Zummo G. Immunopositivity of heat shock protein 60 as a biomarker of bronchial carcinogenesis. *Lancet Oncol.* 2005 Oct;6(10):816.
4. Cappello F, Di Stefano A, David S, Rappa F, Anzalone R, La Rocca G, D'Anna SE, Magno F, Donner CF, Balbi B, Zummo G. Hsp60 and Hsp10 down-regulation predicts bronchial epithelial carcinogenesis in smokers with chronic obstructive pulmonary disease. *Cancer.* 2006 107:2417-24
5. Di Stefano A, Caramori G, Gnemmi I, Contoli M, Bristot L, Capelli A, Ricciardolo FL, Magno F, D'Anna SE, Zanini A, Carbone M, Sabatini F, Usai C, Brun P, Chung KF, Barnes PJ, Papi A, Adcock IM, Balbi B. Association of increased CCL5 and CXCL7 chemokine expression with neutrophil activation in severe stable COPD. *Thorax.* 2009 Nov;64(11):968-75.
6. Di Stefano A, Caramori G, Gnemmi I, Contoli M, Vicari C, Capelli A, Mag F, D'Anna SE, Zanini A, Brun P, Casolari P, Chung KF, Barnes PJ, Papi A, Adcock I, Balbi B. T helper type 17-related cytokine expression is increased in the bronchial mucosa of stable chronic obstructive pulmonary disease patients. *Clin Exp Immunol.* 2009 Aug;157(2):316-24.
7. D'Anna SE, Asnaghi R, Caramori G, Appendini L, Rizzo M, Cavallaro C, Marino G, Cappello F, Balbi B, Di Stefano A. High resolution computed tomography quantitation of emphysema is correlated with selected lung function values in stable COPD. *Respiration* 2012;83(5):383-90.
8. Cappello F, Caramori G, Campanella C, Vicari C, Gnemmi I, Zanini A, Spanevello A, Capelli A, La Rocca G, Anzalone R, Bucchieri F, D'Anna SE, Ricciardolo FL, Brun P, Balbi B, Carone M, Zummo G, Conway de Macario E, Macario A J, Di Stefano A. Convergent sets of data from in vivo and in vitro methods points to an active role of HSP 60 in chronic obstructive pulmonary disease pathogenesis. *Plos one* 2011; 6 (11) e 28200.doi 10.1371
9. Corrao S, Anzalone R, Lo iacono M, Corsello T, Di Stefano A, D'Anna SE, Balbi B, Carone M, Sala A, Corona D, Timperio AM, Zolla L, Farina F, de Macario EC, Macario AJ, Cappello F, La Rocca G. HSP 10 nuclear localization and changes in lung cells response to cigarette smoke suggest novel roles for this chaperonin *Open Biol.* 2014;4(10)
10. D'Anna SE, Balbi B, Cappello F, Carone M, Di Stefano A. bacterial-viral load and the immune response in stable and exacerbated COPD: significance and therapeutic prospects. *International Journal of COPD* 2016 Mar;11:445-453
11. D'Anna, S. E., Maniscalco, M., Carriero, V., Gnemmi, I., Caramori G., Nucera F, Righi L, Brun P, Balbi B, Adcock IM, Stella MG, Ricciardolo F. L.M. and Di Stefano A. Evaluation of innate immune mediators related to respiratory viruses in the lung of stable COPD patients. *Journal of clinical medicine* 2020; 9(6), 1807.
12. Maniscalco M., Martucci M., Fuschillo S., De Felice A., D'Anna S. E., Cazzola M. (2020). A case scenario study on adherence to COPD GOLD recommendations by general practitioners in a rural area of southern Italy: the "progetto PADRE". *Respiratory Medicine* 2020; 170, 105985.
13. D'Anna S. E., Maniscalco M, Cappello F., Carone M., Motta A., Balbi B, Ricciardolo F. L. M, Caramori G, Di Stefano A. Bacterial and viral infections and related inflammatory responses in chronic obstructive pulmonary disease. *Annals of Medicine* 2021; 53(1), 135-150.
14. Ambrosino, P, Bachetti T, D'Anna S. E., Galloway B, Bianco A, D'Agnano V, Papa A, Motta A, Perrotta F, Maniscalco M. Mechanisms and Clinical Implications of Endothelial Dysfunction in Arterial Hypertension. *Journal of Cardiovascular Development and Disease* 2022; 9(5), 136.
15. Maniscalco, M., Fuschillo, S., Ambrosino, P., D'Anna, S. E., Accardo, M. S., Matera, M. G., & Cazzola, M. Bronchodilator Response as a Possible Predictor of Lung Function Improvement After Pulmonary Rehabilitation in Post-COVID-19 Patients. *Archivos de bronconeumologia* 2022; 58(6), 517.
16. Di Stefano, A., Dossena, F., Gnemmi, I., D'Anna, S. E., Brun, P., Balbi, B., Ricciardolo, F. L.. Decreased humoral immune response in the bronchi of rapid decliners with chronic obstructive pulmonary disease. *Respiratory Research* 2022; 23(1), 1-13.
17. Ambrosino, P., Parrella, P., Formisano, R., Perrotta, G., D'anna, S. E., Mosella, M, Papa A & Maniscalco, M. Cardiopulmonary Exercise Performance and Endothelial Function in Convalescent COVID-19 Patients. *Journal of clinical medicine* 2022; 11(5), 1452.
18. Ambrosino P, Calcaterra I L., Mosella M., Formisano R., D'anna S. E, Bachetti T, Maniscalco, M. Endothelial dysfunction in COVID-19: a unifying mechanism and a potential therapeutic target. 2022, *Biomedicines*, 10(4), 812.
19. Ambrosino, P., Bachetti, T., D'anna, S. E., Galloway, B., Bianco, A., D'agnano, V., Maniscalco, M. Mechanisms and clinical implications of endothelial dysfunction in arterial hypertension. *Journal of Cardiovascular Development and Disease* 2022, 9(5), 136.

List of publications without Impact factor

1. V. Bellia, V. Grassi, N. Scichilone, F. Mirabella, F. Colletti, S. D'Anna. La broncopneumopatia cronica dell'anziano. *Seminari di Medicina Interna* 1996.
2. N. Scichilone, G. F. Mancuso, F. Catalano, F. Cibella, S. D'Anna, D. Guerrero, G. Cuttitta, V. Bellia, G. Bonsignore. Effect of deep inhalation on expiratory flow in healthy subjects: reproducibility and response to increasing doses of oxitropium and salbutamol. *Eur. Respir. J.* 10 (suppl. 25): 195S, 1997.
3. F. Cibella, V. Bellia, S. D'Anna, S. Bucchieri, D. Guerrero, G. Mancuso, P. D'Accardi, G. Bonsignore. Longitudinal decline of lung function in asthmatic patient. *Am. J. Respir. Crit. Care Med.* 157 (suppl.): A166, 1998.
4. O. Marrone, A. Salvaggio, R. De Canzio, S. D'Anna, G. Bonsignore. Valutazione di uno strumento portatile (Polymesam) per il rilevamento dei disordini ventilatori notturni in soggetti con sospetta sindrome dell'apnea ostruttiva nel sonno. IX Congresso Nazionale Associazione Italiana di Medicina del Sonno 1999.

5. S.E. D'Anna, C.F. Donner. Asma bronchiale: forme cliniche e prognosi in: Rapporto sull'asma 2001 a cura di M. de Palma, L. M. Fabbri, C. Grassi. Syntagma SRL Editore.
6. A. Ashley-Koch, A. Agusti, P. Calverley, H. Coxson, C. Donner, R. Levy, B. Make, N. Muller, P. Pare, S. Rennard, J. Vestbo, E. Wouters, J.L. Alvarez-Sala, T. Audley, M. Barr, V. Cabriada, P. Camp, M. Carlson, V. Christensen, A. Church, K. Dahlstedt, O. Dalsgaard, S. D'Anna, J. Griffiths, M. Groenen, D. Jakubowski, J. Jenkins, D. Jensen, J. Keary, A. Knowles, M. Miravittles, R. Mostert, B. Patel, G. Petronacci, R. Rousseau, J. Ryan, J. Saulea, T. Seredentsky, P. Walker, A. Franklin, M. Hall, C. Haynes, K. Beresford, J. Butrim, S. Shama, S. Sundseth, S. Thomas, M. A. Pericak-Vance, L. T. Middleton, E. K. Silverman, and D. A. Lomas. International Network to Investigate the Genetics of COPD. American Journal of Human Genetics 69 (Supplemental): 307, #730, 2001.
7. S.E. D'Anna, M. Lusuardi, L. Appendini, E. Spada, C.F. Donner. Disfunzioni neuromuscolari del diaframma. Rassegna di Malattie dell'Apparato Respiratorio 2002;17:116-131.
8. F. Ioli, S.E. D'Anna. Malattie della Gabbia toracica in: C.F. Donner, C.M. Sanguinetti, eds. Trattato italiano di Pneumologia. Vol. III. Pisa : Edi-Aipo Scientifica 2001. pp 2593-2604.
9. M. Carone et al. (Educare group) Educare, a randomised, multicentre, parallel group study on education and quality of life in COPD. Monaldi Arch Chest Dis. 2002;57:1,25-29.
10. M. Carone, M. Lusuardi, S. D'Anna, C.F. Donner. Le tecniche di riabilitazione Respiratoria in: C.F. Donner, C.M. Sanguinetti, eds. Trattato italiano di Pneumologia.
11. M. Carone, F. Ioli, I. Samabro Lauro, S. D'Anna, C.F. Donner. Long term oxigen therapy (LTOT) improves patients' health status. Eur. Respir. J. 22 (suppl. 45): 574S, 2003.
12. Stufano, S., Ciullo, A., D'Anna, S. E., Bosco, Q., Pappone, N., Maniscalco, M. . Riabilitazione post-acuta in regime di ricovero nei pazienti COVID-19. Rassegna di Patologia dell'Apparato Respiratorio 2021; 36, 232-237.
13. Saguto, D., Cappello, F., Accardo, M. S., Mosella, M., & D'Anna, S. E. Microbiota e risposta infiammatoria nella broncopneumopatia cronica ostruttiva. Rassegna di Patologia dell'Apparato Respiratorio 2022, 37, 86-94.

ANNEXES

- copies of identity card and fiscal code

Telese, 12/Dec/2023

