

Nuno Neuparth  
Associate Professor  
NOVA Medical School|Faculdade de Ciências Médicas (NMS|FCM)  
Centro de Estudos de Doenças Crónicas (CEDOC)  
Comprehensive Health Research Centre (CHRC) - pólo NMS



## Research interests

PI - Integrated Pathophysiological Mechanisms Research Group (CEDOC)  
PI - Environmental Health Research Group (Comprehensive Health Research Center - CHRC)

## Qualifications

Agregação em Medicina, NOVA Medical School|Faculdade de Ciências Médicas (NMS|FCM)  
Award Date: 19 Jul 2017  
Pathophysiology, Doctorate, NOVA Medical School|Faculdade de Ciências Médicas (NMS|FCM)  
Award Date: 28 Jun 1995  
1 Jun 1994 → ... Medical Doctor - Specialist in Immunoallergy

## Employment

### Associate Professor

NOVA Medical School|Faculdade de Ciências Médicas (NMS|FCM)  
Universidade NOVA de Lisboa  
Lisboa, Portugal  
1 Jul 2012 → present

### PI - Principal Investigator

Associate Professor  
Centro de Estudos de Doenças Crónicas (CEDOC)  
Universidade NOVA de Lisboa  
Lisboa, Portugal  
1 Jan 2007 → present

### Comprehensive Health Research Centre (CHRC) - pólo NMS

Universidade NOVA de Lisboa  
1 Jan 2020 → present

### Associate Professor of Pathophysiology

1 Mar 2015 → present

### Specialist in Immunoallergy

Centro Hospitalar Lisboa Central  
Lisboa, Portugal  
2 Jan 1995 → present

## Research output - [orcid.org/0000-0001-5149-7473](https://orcid.org/0000-0001-5149-7473)

### Profiling Persistent Asthma Phenotypes in Adolescents: A Longitudinal Diagnostic Evaluation from the INSPIRERS Studies

Amaral, R., Jácome, C., Almeida, R., Pereira, A. M., Alves-Correia, M., Mendes, S., Rodrigues, J. C. C., Carvalho, J., Araújo, L., Costa, A., Silva, A., Teixeira, M. F., Ferreira-Magalhães, M., Alves, R. R., Moreira, A. S., Fernandes, R. M., Ferreira, R., Pinto, P. L., Neuparth, N., Bordalo, D. & 25 others, Bom, A. T., Cálix, M. J., Ferreira, T., Gomes, J., Vidal, C., Mendes, A., Vasconcelos, M. J., Silva, P. M., Ferraz, J., Morête, A., Pinto, C. S., Santos, N., Loureiro, C. C., Arrobas, A., Marques, M. L., Lozoya, C., Lopes, C., Cardia, F., Loureiro, C. C., Câmara, R., Vieira, I., Silva, S. D., Silva, E., Rodrigues,

N. & Fonseca, J. A., 24 Jan 2021, In : International Journal of Environmental Research and Public Health. 18, 3, 1015.

**The potential role of peak nasal inspiratory flow to evaluate active sinonasal inflammation and disease severity**

Araújo-Martins, J., Brás-Geraldes, C. & Neuparth, N., 1 Dec 2020, In : Scientific Reports. 10, 1, 12674.

**Carga aterosclerótica coronária em atletas veteranos do género masculino de nível recreativo com risco cardiovascular baixo-intermédio**

Dores, H., Gonçalves, P. D. A., Monge, J., Costa, R., Tátá, L., Cardim, N., Neuparth, N. & Sharma, S., Oct 2020, In : Revista Portuguesa de Cardiologia. 39, 10, p. 587-594

**Revisiting the role of concept mapping in teaching and learning pathophysiology for medical students**

Fonseca, M., Oliveira, B., Carreiro-Martins, P., Neuparth, N. & Rendas, A., 1 Sep 2020, In : Advances In Physiology Education. 44, 3, p. 475-481 7 p.

**Comparing two different hand-held FeNO analysers**

Lobato, M., Carreiro-Martins, P., Serranho, S., Brito, A., Santos, S., Neuparth, N. & Leiria Pinto, P., Aug 2020, In : Allergy: European Journal of Allergy and Clinical Immunology. 75, p. 383-383

**Feasibility of a mobile app to improve inhaler adherence in real-world patients with asthma: A multicentre observational study in Portugal and Spain**

Jacome, C., Almeida, R., Amaral, R., Pereira, A. M., Vidal, C., Lopez Freire, S., Mendez Brea, P., Antolin-Amerigo, D., De La Hoz Caballer, B., Barra Castro, A., Gonzalez De Olano, D., Todo Bom, A., Azevedo, J., Leiria Pinto, P., Neuparth, N., Todo Bom, F., Costa, A., Chaves Loureiro, C., Maia Santos, L., Arrobas, A. & 27 others, Valerio, M., Cardoso, J., Emiliano, M., Gerardo, R., Cidrais Rodrigues, J. C., Oliveira, G., Carvalho, J., Mendes, A., Lozoya, C., Santos, N., Menezes, F., Gomes, R., Camara, R., Rodrigues Alves, R., Moreira, A. S., Bordalo, D., Alves, C., Coelho, D., Ferreira, J. A., Lopes, C., Silva, D., Vasconcelos, M. J., Teixeira, M. F., Taborda-Barata, L., Calix, M. J., Alves, A. & Almeida Fonseca, J., Aug 2020, In : Allergy: European Journal of Allergy and Clinical Immunology. 75, p. 372-373

**Factors associated with asthma control in 121 preschool children**

Leiria-Pinto, P., Carreiro-Martins, P., Peralta, I., Marques, J., Finelli, E., Alves, C., Belo, J., Alves, M., Papoila, A. L. & Neuparth, N., 21 Jul 2020, In : Journal of investigational allergology & clinical immunology. p. 0

**Mining for peaks in lc-hrms datasets using finnee - a case study with exhaled breath condensates from healthy, asthmatic, and copd patients**

Erny, G. L., Gomes, R. A., Santos, M. S. F., Santos, L., Neuparth, N., Carreiro-Martins, P., Marques, J. G., Guerreiro, A. C. L. & Gomes-Alves, P., 7 Jul 2020, In : ACS Omega. 5, 26, p. 16089-16098

**Asthma and COPD "overlap": a treatable trait or common several treatable-traits?**

Gaspar Marques, J., Lobato, M., Leiria Pinto, P., Neuparth, N. & Carreiro Martins, P., 2 Jul 2020, In : European annals of allergy and clinical immunology. 52, 4, p. 148-159

**A concept map template to be used by medical students for displaying pathophysiological mechanisms within clinical cases**

Fonseca, M. S. M. M. D. F. E., Oliveira, B., Martins, P. C., Neuparth, N. & Rendas, A., 6 Mar 2020, In : MedEdPublish.

**Subclinical coronary artery disease in veteran athletes: is a new preparticipation methodology required?**

Dores, H., de Araújo Gonçalves, P., Monge, J., Costa, R., Tátá, L., Malhotra, A., Sharma, S., Cardim, N. & Neuparth, N., Mar 2020, In : British journal of sports medicine. 54, 6, p. 349-353

**A score methodology to assess concept maps in medical education in the context of pathophysiology teaching**

Fonseca, M., Oliveira, B., Martins, P., Neuparth, N. & Rendas, A. B., 2020, *HEAd 2020 - 6th International Conference on Higher Education Advances*. Universitat Politecnica de Valencia, p. 867-874 8 p. (International Conference on Higher Education Advances; vol. 2020-June).

#### **Asthma app use and interest among patients with asthma: A multicenter study**

Jácome, C., Almeida, R., Pereira, A. M., Araújo, L., Correia, M. A., Pereira, M., Couto, M., Lopes, C., Chaves Loureiro, C., Catarata, M. J., Santos, L. M., Ramos, B., Mendes, A., Pedro, E., Cidrais Rodrigues, J. C., Oliveira, G., Aguiar, A. P., Arrobas, A. M., Costa, J., Dias, J. & 30 others, Todo Bom, A., Azevedo, J., Ribeiro, C., Alves, M., Pinto, P. L., Neuparth, N., Palhinha, A., Marques, J. G., Martins, P., Trincão, D., Neves, A., Todo Bom, F., Santos, M. A., Branco, J., Lozoya, C., Costa, A., Silva Neto, A., Silva, D., Vasconcelos, M. J., Teixeira, M. F., Ferreira-Magalhães, M., Taborda Barata, L., Carvalhal, C., Santos, N., Sofia Pinto, C., Rodrigues Alves, R., Moreira, A. S., Morais Silva, P., Fernandes, R. & Ferreira, R., 2020, In : Journal of Investigational Allergology and Clinical Immunology. 30, 2, p. 133-155 23 p.

#### **Identification of clusters of asthma control: A preliminary analysis of the inspirers studies**

Jácome, C., Amaral, R., Almeida, R., Pereira, A. M., Couto, M., Araújo, L., Alves-Correia, M., Pereira, M., Ferreira-Magalhães, M., Loureiro, C. C., Catarata, M. J., Santos, L. M., Cabral, S., Pereira, J., Ramos, B., Lopes, C., Mendes, A., Lopes, A., Rodrigues, J. C. C., Oliveira, G. & 57 others, Aguiar, A. P., Afonso, I., Carvalho, J., Arrobas, A. M., Costa, J., Valério, M., Pereira, M., Almeida, T., Dias, J., Bom, A. T., Azevedo, J., Ribeiro, C., Alves, M., Pinto, P. L., Neuparth, N., Neves, A. C., Palhinha, A., Marques, J. G., Martins, P., Trincão, D. P., Bom, F. T., Santos, M. A., Branco, J., Costa, A., Neto, A. S., Santalha, M., Lozoya, C., Santos, N., Silva, D., Vasconcelos, M. J., Barata, L. T., Teixeira, M. F., Pinto, D., Alves, R. R., Moreira, A. S., Pinto, C. S., Silva, P. M., Alves, C., Câmara, R., Coelho, D., Bordalo, D., Carvalho, F., Fernandes, R., Ferreira, R., de Oliveira, J. F., Menezes, F., Gomes, R., Calix, M. J., Marques, A., Cardoso, J., Emiliano, M., Gerardo, R., Nunes, C., Ferreira, J. A., Lopes, I., Alves, A. & Fonseca, J. A., 2020, In : Revista Portuguesa de Imunoalergologia. 28, 4, p. 231-240 10 p.

#### **Patient-physician discordance in assessment of adherence to inhaled controller medication: A cross-sectional analysis of two cohorts**

Jácome, C., Pereira, A. M., Almeida, R., Ferreira-Magalhaes, M., Couto, M., Araujo, L., Pereira, M., Correia, M. A., Loureiro, C. C., Catarata, M. J., Maia Santos, L., Pereira, J., Ramos, B., Lopes, C., Mendes, A., Cidrais Rodrigues, J. C., Oliveira, G., Aguiar, A. P., Afonso, I., Carvalho, J. & 49 others, Arrobas, A., Coutinho Costa, J., Dias, J., Todo Bom, A., Azevedo, J., Ribeiro, C., Alves, M., Leiria Pinto, P., Neuparth, N., Palhinha, A., Gaspar Marques, J., Pinto, N., Martins, P., Todo Bom, F., Alvarenga Santos, M., Gomes Costa, A., Silva Neto, A., Santalha, M., Lozoya, C., Santos, N., Silva, D., Vasconcelos, M. J., Taborda-Barata, L., Carvalhal, C., Teixeira, M. F., Alves, R. R., Moreira, A. S., Sofia Pinto, C., Morais Silva, P., Alves, C., Câmara, R., Coelho, D., Bordalo, D., Fernandes, R. M., Ferreira, R., Menezes, F., Gomes, R., Calix, M. J., Marques, A., Cardoso, J., Emiliano, M., Gerardo, R., Nunes, C., Câmara, R., Ferreira, J. A., Carvalho, A., Freitas, P., Correia, R. & Fonseca, J. A., 1 Nov 2019, In : BMJ open. 9, 11, e031732.

#### **The impact of indoor air quality on respiratory health of older people living in nursing homes: spirometric and exhaled breath condensate assessments**

Belo, J., Carreiro-Martins, P., Papoila, A. L., Palmeiro, T., Caires, I., Alves, M., Nogueira, S., Aguiar, F., Mendes, A., Cano, M., Botelho, M. A. & Neuparth, N., 15 Oct 2019, In : Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering. 54, 12, p. 1153-1158

#### **Home dampness and airways inflammation in preschool children**

Reis Leiria Pinto, P. C. C. V., Caires, I., Martins, P. & Neuparth, N., 28 Sep 2019, In : European Respiratory Journal. 54

#### **Clusters of asthma control: Data from the Portuguese inspirers studies**

Jacome, C., Almeida, R., Pereira, A. M., Chaves Loureiro, C., Lopes, C., Mendes, A., Cidrais Rodrigues, J. C., Carvalho, J., Arrobas, A. M., Todo Bom, A., Azevedo, J., Ribeiro, C., Leiria Pinto, P., Neuparth, N., Todo Bom, F., Costa, A., Lozoya, C., Santos, N., Silva, D., Taborda-Barata, L. & 21 others, Teixeira, F., Rodrigues Alves, R., Moreira, A. S., Pinto, C. S., Morais Silva, P., Alves, C., Camara, R., Bordalo, D., Fernandes, R., Ferreira, R., Ferraz De Oliveira, J., Menezes, F., Gomes, R., Calix, M. J., Cardoso, J., Nunes, C., Camara, R., Ferreira, J. A., Carvalho, A., Ferreira-Magalhaes, M. & Almeida Fonseca, J., Aug 2019, In : Allergy: European Journal of Allergy and Clinical Immunology. 74, p. 294-295

#### **Patient-physician discordance in the assessment of adherence to inhaled medication**

Jacome, C., Almeida, R., Pereira, A. M., Chaves Loureiro, C., Lopes, C. M. P. V., Mendes, A., Cidrais Rodrigues, J. C., Carvalho, J., Arrobas, A. M., Todo Bom, A., Azevedo, J., Ribeiro, C., Leiria Pinto, P., Neuparth, N., Todo Bom, F., Costa, A., Lozoya, C., Santos, N., Silva, D., Taborda-Barata, L. & 21 others, Teixeira, F., Rodrigues Alves, R., Moreira, A. S., Pinto, C. S., Morais Silva, P., Alves, C., Camara, R., Bordalo, D., Fernandes, R., Ferreira, R., Ferraz De Oliveira, J., Menezes, F., Gomes, R., Calix, M. J., Cardoso, J., Nunes, C., Camara, R., Ferreira, J. A., Carvalho, A., Ferreira-Magalhaes, M. & Almeida Fonseca, J., Aug 2019, In : Allergy: European Journal of Allergy and Clinical Immunology. 74, p. 458-458

**Respiratory infections in elderly people: viral role in a resident population of elderly care centers in Lisbon, winter 2013-2014**

Chasqueira, M-J., Paixão, P., Rodrigues, M-L., Piedade, C., Caires, I., Palmeiro, T., Botelho, M-A., Santos, M., Curran, M., Guiomar, R., Pechirra, P., Costa, I., Papoila, A., Alves, M. & Neuparth, N., Apr 2018, In : International Journal of Infectious Diseases. 69, p. 1-7

**Reference values for spirometry in elderly individuals: A cross-sectional study of different reference equations**

Belo, J., Palmeiro, T., Caires, I., Papoila, A. L., Alves, M., Carreiro-Martins, P., Botelho, M. A. & Neuparth, N., 9 Jan 2018, In : Multidisciplinary Respiratory Medicine. 13, 1, 4.

**Coronary artery disease in athletes: An adverse effect of intense exercise?**

Dores, H., de Araújo Gonçalves, P., Cardim, N. & Neuparth, N., Jan 2018, In : Revista Portuguesa de Cardiologia. 37, 1, p. 77-85 9 p.

**Respiratory diseases in children attending kindergartens: Health-related variables and mothers' psychological, parental, and marital functioning**

Pedro, C. R., Freitas, P. P., Papoila, A. L., Dias, S. S., Caires, I., Martins, P. & Neuparth, N., 2018, In : Health psychology open. 4, 2

**Severe asthma**

Drummond, M., Cordeiro, C. R. & Neuparth, N., 2018, Barcelona: Permanyer Portugal. 176 p.

**Within-occasion repeatability of Impulse oscillometry in preschool wheezing children**

Pinto, P. C. C. V. R. L., Peralta, I., Martins, P. & Neuparth, N., 1 Sep 2017, In : European Respiratory Journal. 50

**The Influence of Thermal Comfort on the Quality of Life of Nursing Home Residents**

Mendes, A., Papoila, A. L., Carreiro-Martins, P., Aguiar, L., Bonassi, S., Caires, I., Palmeiro, T., Ribeiro, Á. S., Neves, P., Pereira, C., Botelho, M. A., Neuparth, N. & Teixeira, J. P., Jun 2017, In : Journal of Toxicology and Environmental Health. 80, 13-15, p. 729-739 11 p.

**Changes in albumin-to-creatinine ratio at 12-month follow-up in patients undergoing renal denervation**

Sousa, H., Branco, P., de Sousa Almeida, M., de Araújo Gonçalves, P., Gaspar, A., Dores, H., Mesquita, J. R., Andrade, M. J., Neuparth, N., Aleixo, A., Mendes, M. & Barata, J. D., May 2017, In : Revista Portuguesa de Cardiologia. 36, 5, p. 343-351 8 p.

**Pathophysiology as an autonomous discipline in the medical curriculum in Portugal -reaction to Churilov's paper**

Neuparth, N. & Rendas, A., 28 Dec 2016, In : Psychiatria Danubina. 28, p. 76-78 3 p.

**Chronic respiratory diseases and quality of life in elderly nursing home residents**

Carreiro-Martins, P., Gomes-Belo, J., Papoila, A. L., Caires, I., Palmeiro, T., Gaspar-Marques, J., Leiria-Pinto, P., Mendes, A. S., Paulo-Teixeira, J., Botelho, M. A. & Neuparth, N., Aug 2016, In : Chronic respiratory disease. 13, 3, p. 211-219 9 p.

**Effect of indoor air quality of day care centers in children with different predisposition for asthma**

Martins, P. C., Papoila, A. L., Caires, I., Azevedo, S., Cano, M. M., Virella, D., Pinto, P. L., Teixeira, J. P., Rosado-Pinto, J., Annesi-Maesano, I. & Neuparth, N., May 2016, In : Pediatric Allergy And Immunology. 27, 3, p. 299-306 8 p.

**The impact of indoor air quality and contaminants on respiratory health of older people living in long-term care residences in Porto**

Mendes, A., Papoila, A. L., Martins, P. C., Bonassi, S., Caires, I., Palmeiro, T., Aguiar, L., Pereira, C., Neves, P., Mendes, D., Botelho, M. A. S., Neuparth, N. & Teixeira, J. P., Jan 2016, In : Age And Ageing. 45, 1, p. 136-42 7 p.

**Bronchodilator test: should it be performed regardless of the baseline FEV1 value?**

Pinto, N., Belo, J., Marques, J., Peralta, I., Serranho, S., Neuparth, N., Martins, P. M. C. D. C. & Pinto, P. L., 2016, In : Allergy - European Journal of Allergy and Clinical Immunology. 71, 102, SI, p. 200-201 2 p.

**Impact of Renal Sympathetic Denervation on Left Ventricular Structure and Function at 1-Year Follow-Up**

de Sousa Almeida, M., Gonçalves, P. D. A., Branco, P., Mesquita, J., Carvalho, M. S., Dorés, H., Silva Sousa, H., Gaspar, A., Horta, E., Aleixo, A., Neuparth, N., Mendes, M. & Andrade, M. J., 2016, In : PlosOne. 11, 3, p. e0149855

**Distribution and etiology of chronic respiratory diseases in primary healthcare departments in Cape Verde**

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**Asthma control in preschool wheezing children**

Leiria-Pinto, P., Martins, P., Finelli, E., Belo, J., Marques, J., Peralta, I., Paiva, M., Prates, S. & Neuparth, N., 1 Sep 2015, In : European Respiratory Journal. 46

**Different equations in preschool wheezing children**

Leiria-Pinto, P., Martins, P., Peralta, I., Serranho, S. & Neuparth, N., 1 Sep 2015, In : European Respiratory Journal. 46

**Numerical evaluation of ventilation performance in children day care centres**

Viegas, J. C., Nogueira, S., Aelenei, D., Cruz, H., Cano, M. M. & Neuparth, N. M. B., Apr 2015, In : Building Simulation. 8, 2, p. 189-209 21 p.

**Elderly care centers indoor environments and health**

Mendes, A., Papoila, A. L., Martins, P., Bonassi, S., Caires, I., Palmeiro, T., Aguiar, L., Pereira, C., Neves, P., Mendes, D., Botelho, A., Neuparth, N. & Teixeira, J. P., 2015.

**Environment and Health in Children Day Care Centres (ENVIRH) - Study rationale and protocol [Ambiente e Saúde em Creches e Infantários (ENVIRH) - Fundamentação e protocolo do estudo]**

Araújo-Martins, J., Martins, P. C., Viegas, J., Aelenei, D., Cano, M. M. E., Teixeira, J. P., Paixão, P., Papoila, A. L., Leiria-Pinto, P., Pedro, C., Rosado-Pinto, J., Annesi-Maesano, L. J. & Neuparth, N., Nov 2014, In : Revista Portuguesa de Pneumologia. 20, 6, p. 311-323 13 p.

**Alergia a Medicamentos Reportada em Crianças que Frequentam Infantários**

Costa, J., Pedro, C., Neuparth, N., Papoila, A. L., Martins, J. M. D. A., Caires, I., Marques, J. C. G., Pinto, P. L., Martins, P. C. & Virella, D., Jul 2014, In : Acta medica portuguesa. 27, 4, p. 444-449 6 p.

**Allergic rhinitis within the scope of the GERIA project - respiratory health in the elderly living in nursing homes in Portugal**

Neuparth, N. M. B., Correia, I. B. G. C., Pinto, P. C. D. C. V. R. L. & Martins, P. M. C. D. C., 1 Jan 2014

**CO2 concentration in day care centres is related to wheezing in attending children**

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**Environmental and ventilation assessment in child day care centers in Porto: The envirh project**

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**Food Allergy and Anaphylaxis in Infants and Preschool-Age Children**

Gaspar-Marques, J., Carreiro-Martins, P., Papoila, A. L., Caires, I., Pedro, C., Araújo-Martins, J., Virella, D., Rosado-Pinto, J., Leiria-Pinto, P. & Neuparth, N., 2014, In : Clinical Pediatrics. 53, 7, p. 652-657 6 p.

**Improving influenza surveillance in Portuguese preschool children by parents' report**

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**Individual exposure to air pollutants in a portuguese urban industrialized area**

Carreiro-Martins, P., Caires, I. & Neuparth, N., 2014, In : Journal Of Toxicology And Environmental Health-Part A-Current Issues. 77, 14-16, SI, p. 888-899 2 p.

**Respiratory health in older people living in elderly care centers in Portugal**

Mendes, A., Aguiar, L., Pereira, C., Neves, P., Silva, S., Mendes, D., Palmeiro, T., Caires, I., Botelho, M. A., Martins, P., Neuparth, N. & Teixeira, J. P., 2014, *Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate*. International Society of Indoor Air Quality and Climate, p. 42-44 3 p.

**Tradução para português com adaptação cultural e determinação da reprodutibilidade do Questionnaire on respiratory symptoms in preschool children**

Carvalho, S., Alves, M. & Neuparth, N., 2014, In : Revista Portuguesa de Imunoalergologia. 22, 2, p. 93-112 20 p.

**Cumulative attendance to day care center and total volatile organic compounds are associated with the need for medical evaluation due to wheezing in pre-school children**

Neuparth, N. M. B., Pinto, P. C. D. C. V. R. L., Martins, J. M. D. A., Marques, J. C. G., Correia, I. B. G. C., Martins, P. M. C. D. C. & Silva, A. L. T. P. D., 1 Jan 2013, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA : WILEY-BLACKWELL.

**Indoor air quality at day care centers is a risk factor for wheezing**

Martins, J. M. D. A., Correia, I. B. G. C., Marques, J. C. G., Martins, P. M. C. D. C., Pinto, J. E. F. R., Pinto, P. C. D. C. V. R. L., Neuparth, N. M. B. & Silva, A. L. T. P. D., 1 Jan 2013, 111 RIVER ST, HOBOKEN 07030-5774, NJ USA : WILEY-BLACKWELL.

**The importance of urban planning on air quality and human health**

Borrego, C., Lopes, M., Valente, J., Neuparth, N., Martins, P., Amorim, H. J., Costa, A. M., Silva, J., Martins, H., Tavares, R., Nunes, T., Miranda, A. I., Cascão, P. & Ribeiro, I., 2013, *Urban Planning in the 21<sup>st</sup> Century*. Nova Science Publishers, Inc., p. 27-49 23 p.

**8-isoprostane in exhaled breath condensate (EBC) and air pollution exposure in children with wheezing**

Martins, P., Caires, I., Araujo-Martins, J., Valente, J., Lopes, M., Montuschi, P., Ciabattini, G., Borrego, C. & Neuparth, N., 1 Sep 2012, In : European Respiratory Journal. 40

**Airways changes related to air pollution exposure in wheezing children**

Pinto, J. E. F. R., Correia, I. B. G. C., Martins, P. M. C. D. C., Neuparth, N. M. B. & Silva, A. L. T. P. D., 1 Jan 2012, In : European Respiratory Journal. 39, 2, p. 246-253

**Efeito conjunto da exposição à poluição do ar aos ácaros do pó sobre as vias aéreas**

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**GERIA: GERIATRIC STUDY IN PORTUGAL ON HEALTH EFFECTS OF AIR QUALITY IN ELDERLY CARE CENTERS**

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