

**Mariana Alves-Pereira, Ph.D.**

**Curriculum Vitae**

**ANNEX I**

**List of Publications**

**January 2018**

## Scientific Publications

*Mariana Alves-Pereira, Ph.D.*

### 2018

Alves-Pereira M, Bakker H, Rapley B, Summers R. **Residential environments rich in infrasound and low frequency components: Why measuring inside the home is important.** (In preparation for submission)

Alves-Pereira M, Bakker H, Rapley B, Summers R. **Infrasound and low frequency noise: shall we measure it properly?** Engineers Ireland e-journal, 23 January, 2018.  
<http://www.engineersjournal.ie/2018/01/23/ilfn-infrasound-low-frequency-noise-turbine-health/>

### 2017

Alves-Pereira M, Bakker HHC. **Occupational and residential exposures to infrasound and low frequency noise in aerospace professionals: Flawed assumptions, inappropriate quantification of acoustic environments, and the inability to determine dose-response.** Scientific J Aerosp Eng Mech 2017, 1(2):83-98.

Bakker HHC, Alves-Pereira M, Summers SR. **Citizen Science Initiative: Acoustical Characterisation of Human Environments.** Proceedings International Conference Biological Effects of Noise (ICBEN 2017), Zurich, Switzerland, No. 3653, 12 pages.

Bakker HHC, Rapley BI, Summers SR, Alves-Pereira M, Dickinson PJ. **An Affordable Recording Instrument for the Acoustical Characterisation of Human Environments.** Proceedings International Conference Biological Effects of Noise (ICBEN 2017), Zurich, Switzerland (Paper No. 3654).

Rapley BI, Alves-Pereira M, Bakker H. **The inadequacy of the A-frequency weighting for the assessment of adverse effects on human populations.** Proceedings International Conference Biological Effects of Noise (ICBEN 2017), Zurich, Switzerland (Paper No. 3873).

Rapley BI, Bakker HHC, Alves-Pereira M, Summers SR. **Case Report: Cross-sensitisation to infrasound and low frequency noise.** Proceedings International Conference Biological Effects of Noise (ICBEN 2017), Zurich, Switzerland (Paper No. 3872).

Alves-Pereira M, HHC Bakker. **New methodologies for acoustical assessment: infrasound and low frequency noise.** In: Corticeiro Neves M, Leal A, Camarada M, Silva M, Onofre C, et al (Eds), Vertentes e Desafios da Seguranca 2017, Associação Vertentes e Desafios da Seguranca, Lisboa, 2017, pp. 235-44. (ISBN: 978-989-20-7943-1) (Portuguese/English)

### 2015

Castelo Branco NAA, Alves-Pereira M, Martinho Pimenta A, Reis Ferreira J. **Clinical protocol for evaluating pathology induced by low frequency noise exposure.** EuroNoise 2015, Maastricht, The Netherlands, 31 May-3 Jun, 6 pages.

Castelo Branco NAA, Alves-Pereira M, Martinho Pimenta A, Reis Ferreira J. **Low frequency noise-induced pathology: contributions provided by the Portuguese wind turbine case.** EuroNoise 2015, Maastricht, The Netherlands, 31 May-3 Jun, 5 pages.

#### 2014

Alves-Pereira M, Castelo Branco NAA. **Letter to the Editor re: "How the factoid of wind turbines causing vibroacoustic disease came to be 'irrefutably' demonstrated".** Australian & New Zealand Journal Public Health 2014; 38(2): 191-192.

Mendes AP, Bonança I, Jorge A, Alves-Pereira M, Castelo Branco NAA, Caetano M, Oliveira N, Graça A, Santos C, Ferraria R. **Voice acoustic profile of males exposed to occupational infrasound and low-frequency noise.** Laryngology & Voice 2014; 4(1): 12-20.

#### 2012

Mendes AP, Graça A, Jorge A, Alves-Pereira M, Castelo Branco NAA, Freitas A, Laranjeira M, Bonança I. **The effects of ILFN-exposure on voice acoustic parameters of commercial cabin crewmembers.** Laryngology & Voice 2012; 2(2): 70-80.

Alves-Pereira M. **Review of the wind turbine health study: Report of independent expert panel,** commissioned by the Massachusetts Department of Environmental Protection & Massachusetts Department of Public Health. March 2012.  
[http://docs.wind-watch.org/MassDEP-wind-health-2-Alves\\_Pereira.pdf](http://docs.wind-watch.org/MassDEP-wind-health-2-Alves_Pereira.pdf)

#### 2010

Alves-Pereira M. **Infrasound and low frequency noise: Quantification in several rural and urban environments.** Revista Lusófona de Ciências e Tecnologias da Saúde 2010 7(1): 91-108. (English/Portuguese)  
<http://revistas.ulusofona.pt/index.php/revistasaude/article/view/1237/1003>

Castelo Branco NAA, Costa e Curto T, Mendes Jorge L, Cavaco Faísca J, Amaral Dias L, Oliveira P, Martins dos Santos J, Alves-Pereira M. **Family with wind turbines in close proximity to home: follow-up of the case presented in 2007.** Proceedings of the 14<sup>th</sup> International Meeting on Low Frequency Noise, Vibration and Its Control. Aalborg, Denmark, 9-11 June, 2010, 31-40.

#### 2009

Alves-Pereira M, Castelo Branco NAA. **Infrasound and low frequency noise dose responses: contributions.** Revista Lusófona de Ciências e Tecnologias da Saúde 2009 6(1): 31-44. (English/Portuguese)  
<http://revistas.ulusofona.pt/index.php/revistasaude/article/view/725/605>

Alves-Pereira M., Castelo Branco NAA. **Understanding the Biological Responses Elicited by Low Frequency Noise Exposure: Contributions to Vibroacoustic Disease Research** (No.

079R-Oral presentation). Second International Fascia Research Congress, Amsterdam, The Netherlands, 27-30 October, 2009.

Castelo Branco NAA, Alves-Pereira M. **Production of Functional Collagen Units in the Absence of Inflammatory Processes as a Response to Low Frequency Noise Exposure** (No. J\_075-Oral presentation). Second International Fascia Research Congress, Amsterdam, The Netherlands, 27-30 October, 2009.

Alves-Pereira M, Castelo Branco NAA. **Low Frequency Noise Exposure Destroys Tubulin- and Actin-based Structures** (No. 077-Poster presentation). Second International Fascia Research Congress, Amsterdam, The Netherlands, 27-30 October, 2009.

Oliveira P, Martins dos Santos J, Mendes JJ, Alves-Pereira M, Castelo Branco NAA. **Perivascular-Ductal Connective Tissue in the Parotid Gland of Wistar Rats Exposed to Low Frequency Noise** (J\_092-Poster presentation). Second International Fascia Research Congress, Amsterdam, The Netherlands, 27-30 October, 2009.

## 2008

Mendes AP, Graça A, Santos CP, Galvão A, Carvalho RO, Sousa MJ, Alves-Pereira M, Castelo Branco NAA. **Voice acoustic analyses in airline cabin crewmembers**. Proceedings Internoise2008. Shanghai, China, 2008; No. IN-08-595, 13 pages.

Mendes AP, Graça A, Santos CP, Galvão A, Carvalho RO, Sousa MJ, Alves-Pereira M, Castelo Branco NAA. **Voice acoustic analyses in commercial airline pilots**. Proceedings Internoise2008. Shanghai, China, 2008; No. IN-08-591, 11 pages.

## 2007

Alves-Pereira M, Castelo Branco NAA. **Vibroacoustic disease: Biological effects of infrasound and low frequency noise explained by mechanotransduction cellular signaling**. Progress Biophysics & Molecular Biology 2007 93: 256-279.

Alves-Pereira M, Castelo Branco NAA. **On the impact of infrasound and low frequency noise on public health: 2 cases of residential exposure**. Revista Lusófona de Ciências e Tecnologias da Saúde 2007; 4(2): 186-200. (Bilingual)  
<http://revistas.ulusofona.pt/index.php/revistasauade/article/view/670/564>

Castelo Branco NAA, Reis Ferreira J, Alves-Pereira M. (2007). **Respiratory pathology in vibroacoustic disease: 25 years of research**. Revista Portuguesa Pneumologia 2007; XIII (1): 129-135.

Alves-Pereira M, Castelo Branco, NAA. **The scientific arguments against vibroacoustic disease**. Proceedings Internoise2007. Istanbul, Turkey, 2007; No. IN-07-505, 7 pages. (ISBN: 80-01-03055-5)

Alves-Pereira M, Castelo Branco, NAA. **Public health and noise exposure: the importance of low frequency noise**. Proceedings Internoise2007. Istanbul, Turkey, 2007; No. IN-07-137, 10 pages. (ISBN: 80-01-03055-5)

Alves-Pereira M, Castelo Branco, NAA. **Infrasound and low frequency noise dose responses: contributions.** Proceedings Internoise2007. Istanbul, Turkey, 2007; No. IN-07-443, 10 pages. (ISBN: 80-01-03055-5)

Alves-Pereira M, Castelo Branco, N.A.A. **In-home wind turbine noise is conducive to vibroacoustic disease.** Proceedings of the Second International Meeting on Wind Turbine Noise, Lyon, France, Sep 20-21, Paper No. 3, 11 pages.

Castelo Branco, NAA, Monteiro M, Reis Ferreira R, Mendes CP, Alves-Pereira M. **Diagnosing vibroacoustic disease for legal purposes.** Proceedings Internoise2007. Istanbul, Turkey, 2007; No. IN-07-506, 8 pages. (ISBN: 80-01-03055-5)

Castelo Branco, NAA, Monteiro M, Reis Ferreira R, Monteiro E, Alves-Pereira M. **Bronchoscopy in vibroacoustic disease I – Pink Lesions.** Proceedings Internoise2007. Istanbul, Turkey, 2007; No. IN-07-507, 7 pages. (ISBN: 80-01-03055-5)

## **2006**

Castelo Branco NAA, Alves-Pereira M. **A doença vibroacústica.** Revista Segurança 2006; XLI (171-Supl Março/Abril):1-20.

Mendes A, Alves-Pereira M, Castelo Branco NAA. **Voice acoustic patterns of patients diagnosed with vibroacoustic disease.** Revista Portuguesa Pneumologia 2006; XII (4): 375-382.

Reis Ferreira J, Mendes CP, Alves-Pereira M, Castelo Branco NAA. **Respiratory squamous cell carcinomas in vibroacoustic disease.** Revista Portuguesa Pneumologia 2006; XII (5): 539-544.

Reis Ferreira J, Albuquerque e Sousa J, Foreid P, Antunes M, Cardoso S, Alves-Pereira M, Castelo Branco NAA. **Abnormal respiratory drive in vibroacoustic disease.** Revista Portuguesa Pneumologia 2006; XII (4): 369-374.

Reis Ferreira J, Monteiro MB, Tavares F, Serrano I, Monteiro E, Mendes CP, Alves-Pereira M, Castelo Branco NAA. **Involvement of central airways in vibroacoustic disease – Thomé Villar/Boehringer Ingelheim Award 2004.** Revista Portuguesa Pneumologia 2006; XII (2): 93-105.

Da Fonseca J, Martins dos Santos J, Castelo Branco NAA, Alves-Pereira M, Grande N, Oliveira P, Martins AP. **Noise-induced gastric lesions: A light and scanning electron microscopy study of the alterations of the rat gastric mucosa induced by low frequency noise.** Central European Journal of Public Health 2006; 14 (1): 35-38.

Alves-Pereira M, Castelo Branco NAA. **Biotensigridade – O novo modelo da célula e a doença vibroacústica. [Biotensegrity – the new cell model and vibroacoustic disease].** XXII Congresso de Pneumologia/IV Congresso Luso-Brasileiro de Pneumologia, Centro de Congressos do Estoril, 8-10 Dezembro 2006. Revista Portuguesa de Pneumologia; XII (6-Suplemento): S110. (Abstract) (Portuguese)

Monteiro E, Alves-Pereira M, Castelo Branco NAA. **As células em escova e a doença vibroacústica.** [Brush cells and vibroacoustic disease]. XXII Congresso de Pneumologia/IV Congresso Luso-Brasileiro de Pneumologia, Centro de Congressos do Estoril, 8-10 Dezembro 2006. Revista Portuguesa de Pneumologia; XII (6-Suplemento): S111. (Abstract) (Portuguese)

Castelo Branco NAA, Monteiro M, Reis Ferreira J, Alves-Pereira M. **O aparelho respiratório na doença vibroacústica.** [The respiratory tract in vibroacoustic disease]. XXII Congresso de Pneumologia/IV Congresso Luso-Brasileiro de Pneumologia, Centro de Congressos do Estoril, 8-10 Dezembro 2006. Revista Portuguesa de Pneumologia; XII (6-Suplemento): S109. (Abstract) (Portuguese)

Castelo Branco NAA, Monteiro M, Tavares F, Monteiro E, Reis Ferreira J, Alves-Pereira M. **Aspectos morfológicos da basal sub-epitelial respiratória em doentes com a doença vibroacústica.** [Morphological aspects of the basal subepithelium in vibroacoustic disease patients]. XXII Congresso de Pneumologia/IV Congresso Luso-Brasileiro de Pneumologia, Centro de Congressos do Estoril, 8-10 Dezembro 2006. Revista Portuguesa de Pneumologia; XII (6-Suplemento): S112. (Abstract) (Portuguese)

## 2005

Alves-Pereira M, Joanaz de Melo J, Castelo Branco, NAA. **Pericardial biomechanical adaptation to low frequency noise stress.** IN: A. Méndez-Vilas (ed.) Recent Advances in Multidisciplinary Applied Physics. Elsevier: London, 2005: 363-7. (ISBN: 978-0-08-044648-6)

Alves-Pereira M, Joanaz de Melo J, Castelo Branco, NAA. **Actin- and tubulin-based structures under low frequency noise stress.** IN: A. Méndez-Vilas (ed.) Recent Advances in Multidisciplinary Applied Physics. Elsevier: London, 2005: 955-79 (ISBN: 978-0-08-044648-6)

Alves-Pereira M, Joanaz de Melo J, Castelo Branco, NAA. **Low frequency noise exposure and biological tissue: reinforcement of structural integrity?** IN: A. Méndez-Vilas (ed.) Recent Advances in Multidisciplinary Applied Physics. Elsevier: London, 2005: 961-6 (ISBN: 978-0-08-044648-6)

Da Fonseca J, Martins dos Santos J, Castelo Branco NAA, Alves-Pereira M, Grande NR, Oliveira P. **Noise-induced duodenal lesions.** European Journal of Anatomy 2005; 9(1): 29-33.

Alves-Pereira M, Marques MC, Castelo Branco NAA. **Biological mechanisms and targets of low frequency noise exposure.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 526 (9 pages).

Alves-Pereira M, Fragata JI, Monteiro E, Sousa Silva D, Castelo Branco NAA. **The pericardium in vibroacoustic disease III – A new structure.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 569 (8 pages).

Alves-Pereira M, Motylewski J, Kotlicka E, Castelo Branco NAA. **Low frequency noise legislation.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 582 (8 pages).

Alves-Pereira M. **Low frequency noise exposure as a confounding factor in biomedical science.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 583 (8 pages).

Alves-Pereira M. **...And again low frequency noise – A possible solution.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 584 (8 pages).

Castelo Branco NAA, Marques MC, Alves-Pereira M. **Physiopathology of vibroacoustic disease.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 563 (6 pages).

Cunha Ribeiro L, Crespo FF, Freire I, Afonso H, Castelo Branco MSN, Marques MC, Alves-Pereira M, Castelo Branco NAA. **Hemostasis and coagulation changes in vibroacoustic disease.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 564 (8 pages).

Castelo Branco NAA, Reis Ferreira J, Marques MC, Alves-Pereira M. **Auto-immune disorders in vibroacoustic disease.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 565 (6 pages).

Araujo A, Carranca J, Alves-Pereira M, Castelo Branco NAA. **Echocardiography in vibroacoustic disease.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 567 (9 pages).

Castelo Branco NAA, Fragata JI, Martins AP, Monteiro E, Alves-Pereira M. **The pericardium in vibroacoustic disease I – morphological features.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 568 (9 pages).

Castelo Branco NAA, Fragata JI, Marques MC, Monteiro E, Alves-Pereira M. **The pericardium in vibroacoustic disease II – cellular death pathways.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 570 (8 pages).

Reis Ferreira J, Mendes CP, Alves-Pereira M, Castelo Branco NAA. **Respiratory pathology in vibroacoustic disease - Current findings.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 571 (7 pages).

Monteiro MB, Reis Ferreira J, Mendes CP, Serrano I, Tavares F, Alves-Pereira M, Castelo Branco NAA. **Respiratory pathology in vibroacoustic disease – Specific morphological changes.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 572 (9 pages).

Foreid P, Martinho Pimenta AJF, Alves-Pereira M, Castelo Branco NAA. **Neuropsychological issues in vibroacoustic disease - Current findings.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 573 (10 pages).

Foreid P, Martinho Pimenta AJF, Alves-Pereira M, Castelo Branco NAA. **Neurological issues in vibroacoustic disease – Epilepsy.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 574 (9 pages).

Reis Ferreira J, Albuquerque e Sousa J, Foreid P, Antunes M, Alves-Pereira M, Castelo Branco NAA. **Neurological issues in vibroacoustic disease - Respiratory control.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 575 (6 pages).

Foreid P, Martinho Pimenta AJF, Alves-Pereira M, Castelo Branco NAA. **Behavioural and psychological changes in vibroacoustic disease.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 576 (9 pages).

Da Fonseca J, Mirones J, Martins dos Santos J, Oliveira O, Alves-Pereira M, Castelo Branco NAA. **Gastrointestinal problems in vibroacoustic disease.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 577 (8 pages).

Martins dos Santos J, Albuquerque e Sousa J, Marques MC, Monteiro E, Alves-Pereira M, Castelo Branco NAA. **Urinary system – Current findings and ongoing studies.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 578 (8 pages).

Castelo Branco NAA, Alves-Pereira M. **Personal experiences of vibroacoustic disease patients with occupational or environmental exposures.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 579 (7 pages).

Castelo Branco NAA, Alves-Pereira M, Araújo A, Reis Ferreira J, Joanaz de Melo. **Environmental vibroacoustic disease – An example of environmental low frequency noise exposure.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 580 (8 pages).

Castelo Branco NAA, Rodriguez E, Alves-Pereira M. **Forensic features in vibroacoustic disease studies.** Proceedings 12th International Congress on Sound & Vibration, Lisbon, Portugal, July 11-14, 2005: No. 581 (9 pages).

## **2004**

Castelo Branco NAA, Alves-Pereira M. **Vibroacoustic disease.** Noise & Health 2004; 6(23): 3-20.

Castelo Branco NAA, Monteiro E, Costa e Silva A, Martins dos Santos J, Reis Ferreira J, Alves-Pereira M. **The lung parenchyma in low frequency noise exposed Wistar rats.** Revista Portuguesa Pneumologia 2004; X (1): 77-85.

Martins dos Santos J, Grande NR, Castelo Branco NAA, Zagalo C, Oliveira P, Alves-Pereira M. **Lymphatic lesions in vibroacoustic disease.** European Journal Lymphology 2004; 12(40): 17-20.

Alves-Pereira M, Joanaz de Melo J, Marques MC, Castelo Branco NAA. **Vibroacoustic disease – the response of biological tissue to low frequency noise.** Proceedings 11<sup>th</sup> International Meeting on Low Frequency Noise and Vibration and its Control. Maastricht, Holland, 2004; 295-308.

Alves-Pereira M, Joanaz de Melo J, Motylewski J, Kotlicka E, Castelo Branco NAA. **Biomedical research, legislation and the low frequency noise contaminant.** Proceedings 11<sup>th</sup> International Congress on Sound & Vibration. St. Petersburg, Russia, 2004; 1729-1736.



Alves-Pereira M, Joanaz de Melo J, Castelo Branco NAA. **Public transportation and low frequency noise: a health hazard?** Proceedings 11<sup>th</sup> International Congress on Sound & Vibration. St. Petersburg, Russia, 2004; 1761-1766.

Alves-Pereira M, Joanaz de Melo J, Castelo Branco NAA. **Low frequency noise in subways.** Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 641, 5 pages. (ISBN: 80-01-03055-5)

Alves-Pereira M, Joanaz de Melo J, Castelo Branco NAA. **Low frequency noise in trams.** Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 642, 5 pages. (ISBN: 80-01-03055-5)

Alves-Pereira M, Joanaz de Melo J, Castelo Branco NAA. **Low frequency noise in trains.** Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 643, 5 pages. (ISBN: 80-01-03055-5)

Alves-Pereira M, Joanaz de Melo J, Motylewski J, Kotlicka E, Castelo Branco NAA. **Biomedical research and the low frequency noise contaminant.** Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 644, 7 pages. (ISBN: 80-01-03055-5)

Castelo Branco NAA, Alves-Pereira M. **Vibroacoustic disease- what is known to date.** Proceedings 11<sup>th</sup> International Meeting on Low Frequency Noise and Vibration and its Control. Maastricht, Holland, 2004; 269-284.

Araujo A, Alves-Pereira M, Joanaz de Melo J, Castelo Branco NAA. **Environmentally-induced vibroacoustic disease in a suburban family.** Proceedings 11<sup>th</sup> International Congress on Sound & Vibration. St. Petersburg, Russia, 2004; 1767-1774.

Castelo Branco NAA, Alves-Pereira M. **Vibroacoustic disease- current concepts.** Proceedings 11<sup>th</sup> International Congress on Sound & Vibration. St. Petersburg, Russia, 2004; 1775-1782.

Castelo Branco NAA, Alves-Pereira M. **Vibroacoustic disease - update of current knowledge.** Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 613, 8 pages. (ISBN: 80-01-03055-5)

Araujo A, Alves-Pereira M, Joanaz de Melo J, Castelo Branco NAA. **Vibroacoustic disease in a ten-year-old male.** Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 634, 7 pages. (ISBN: 80-01-03055-5)

Foreid P, Martinho Pimenta AJF, Alves-Pereira M, Castelo Branco NAA. **Neurophysiological aspects of vibroacoustic disease.** Proceedings 11<sup>th</sup> International Congress on Sound & Vibration. St. Petersburg, Russia, 2004; 1737-1744.

Reis Ferreira J, Mendes CP, Antunes M, Alves-Pereira M, Castelo Branco NAA. **Loss of the neurological control of breathing in vibroacoustic disease patients.** Proceedings 11<sup>th</sup> International Congress on Sound & Vibration. St. Petersburg, Russia, 2004; 1745-1752.

Castelo Branco NAA, Fragata JI, Martins AP, Monteiro E, Alves-Pereira M. **Pericardial cellular death in vibroacoustic disease.** Proceedings 11<sup>th</sup> International Congress on Sound & Vibration. St. Petersburg, Russia, 2004; 1753-1760.

Mendes CP, Reis Ferreira J, Alves-Pereira M, Castelo Branco NAA. **Vibroacoustic disease and respiratory pathology I - Tumours**. Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 636, 5 pages. (ISBN: 80-01-03055-5)

Reis Ferreira J, Albuquerque e Sousa J, Mendes CP, Antunes M, Alves-Pereira M, Castelo Branco NAA. **Vibroacoustic disease and respiratory pathology II – PCO<sub>2</sub> response**. Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 637, 6 pages. (ISBN: 80-01-03055-5)

Monteiro M, Reis Ferreira J, Mendes CP, Alves-Pereira M, Castelo Branco NAA. **Vibroacoustic disease and respiratory pathology III – Tracheal & bronchial lesions**. Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 638, 5 pages. (ISBN: 80-01-03055-5)

Reis Ferreira J, Albuquerque e Sousa J, Mendes CP, Antunes M, Alves-Pereira M, Castelo Branco NAA. **Vibroacoustic disease and respiratory pathology IV – Lung & pleura in a lung cancer patient**. Proceedings Internoise2004. Prague, Czech Republic, 2004; No. 639, 4 pages. (ISBN: 80-01-03055-5)

Reis Ferreira J, Mendes CP, Monteiro M, Marques MC, Alves-Pereira M, Castelo Branco NAA. **Vibroacoustic disease - associated respiratory pathology**. Proceedings 11<sup>th</sup> International Meeting on Low Frequency Noise and Vibration and its Control. Maastricht, Holland, 2004; 285-294.

### **2003**

Alves-Pereira M, Reis Ferreira J, Joanaz de Melo J, Motylewski J, Kotlicka E, Castelo Branco NAA. **Noise and the respiratory system**. Revista Portuguesa Pneumologia 2003; IX: 367-79.

Castelo Branco NAA, Monteiro E, Costa e Silva A, Reis Ferreira J, Alves-Pereira M. **Respiratory epithelia in Wistar rats**. Revista Portuguesa Pneumologia 2003; IX: 381-88

Castelo Branco NAA, Monteiro E, Costa e Silva A, Reis Ferreira J, Alves-Pereira M. **Respiratory epithelia in Wistar rats born in low frequency noise plus varying amount of additional exposure**. Revista Portuguesa Pneumologia 2003; IX (6): 481-492.

Castelo Branco NAA, Gomes-Ferreira P, Monteiro E, Costa e Silva A, Reis Ferreira J, Alves-Pereira M. **Respiratory epithelia in Wistar rats after 48 hours of continuous exposure to low frequency noise**. Revista Portuguesa Pneumologia 2003; IX (6): 474-79.

Alves-Pereira M, Joanaz de Melo, J, Motylewski J, Kotlicka E, Castelo Branco NAA. **Vibroacoustic disease II: The biological and acoustical basis of low frequency noise induced pathology**. Institute of Acoustics (U.K.) 2003; 25(Pt 2): 72-78.

Alves-Pereira M, Castelo Branco NAA. **Ciliated cells, cochlear cilia and low frequency noise**. Proceedings 8<sup>th</sup> International Conference on Noise as Public Health Problem (ICBEN). Rotterdam, Holland, 29 June-3 July, 2003: 366-367. (ISBN: 90-807990-1-7)

Alves-Pereira M, Joanaz de Melo J, Motylewski J, Kotlicka E, Castelo Branco NAA. **Occupational exposure to low frequency noise**. Proceedings 8<sup>th</sup> International Conference on

Noise as Public Health Problem (ICBEN). Rotterdam, Holland, 29 June-3 July, 2003: 28-29. (ISBN: 90-807990-1-7)

Alves-Pereira M, Joanaz de Melo J, Motylewski J, Kotlicka E. Castelo Branco NAA. **Legislation hinders low frequency noise research.** Proceedings Scuola Superiore. G. Reiss Romoli (SSGRRw), L'Aquila, Italy, 2003; No. 103: 7 pages.

Castelo Branco NAA, Martinho Pimenta AJ, Reis Ferreira J, Alves-Pereira M. **Monitoring vibroacoustic disease.** Proceedings Scuola Superiore. G. Reiss Romoli (SSGRRw), L'Aquila, Italy, 2003; No. 102: 5 pages.

Araujo A, Pais F, Lopo Tuna JMA, Marvão JH, Alves-Pereira M, Castelo Branco NAA. **Audio- and echocardiograms in vibroacoustic disease.** Proceedings 8<sup>th</sup> International Conference on Noise as Public Health Problem (ICBEN). Rotterdam, Holland, 29 June-3 July, 2003: 115-117. (ISBN: 90-807990-1-7)

Castelo Branco NAA, Barreira R, Crespo FF, Freire I, Afonso H, Castelo Branco MSN, Alves-Pereira M. **Hemostasis & Coagulation changes in airline pilots.** Proceedings 8<sup>th</sup> International Conference on Noise as Public Health Problem (ICBEN). Rotterdam, Holland, 29 June-3 July, 2003: 118-199. (ISBN: 90-807990-1-7)

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