INQUINAMENTO ATMOSFERICO E MALATTIE DELL'APPARATO RESPIRATORIO

Dott.ssa Laura Pini - Cattedra di Malattie dell'Apparato Respiratorio - Universita' degli Studi di Brescia

BIBLIOGRAFIA

1. Peden et al; Air pollution: indoor and outdoor; Middleton's allergy: principles and practice; 2008

2. D'Amato et al; Environmental risk factors and allergic bronchial asthma; Eur Resp J; 2005

3. Gilmour et al; How exposure to environmental tobacco smoke, outdoor air pollutants, and increase pollen burdens influence the incidence of asthma; Environ Health Perspect.;2006

4. McConnell et al; Residential proximity fine particles related to allergic sensitization and asthma in primary school children; Am J Resp Crit Care Med; 2003

5. D'Amato et al; Environmental risk factors (outdoor air pollution and climatic changes) and increase trend of respiratory allergy; J Invest Allergol Clin Immunol; 2000

6. Seaton et al; Particulate air pollution and acute health effects. Lancet; 1995

7. Smith et al; Mobilization of iron from urban particulate leads to generation of reactive oxygen species in vitro abd induction of ferritin synthesis in human lung cells; Che Res Tox; 1997

8. Donaldson et al; Free radical activitie of PM10; iron mediated generation of hydroxyl radicals,; Environ Health Perspect; 1997

9. Schwartz et al; Particulate air pollution and daily mortality: a synthesis; Public Health Rev; 1992

10. United National Environment Programme and WHO: Air pollution in the world's megacities. A report from the UNEP and WHO. Environment; 1994

11. Sugiri et al; The influence of large-scale airborne particle decline and traffic-related exposure on children's lung function; Environ Health Perspect; 2006

12. Wnag et al; Air pollutant effects on fetal and early postnatal development. Birth Defects Res C Embryo Today; 2007

13. C.Arden Pope III PhD et al; Lung Cancer, Cardiopulmonary Mortality and Long-term Exposure to Fine Particulate Air Pollution; JAMA; 2002

14. Sydbom et al; health effects of diesel exhaust emission; Eur Resp J; 2001

15. Shah et al; Emission rates of particulate matter and elemental an organic carbon from in use diesel engines. Environ Sci Technol; 2004

16. McCreanor et al; Respiratory effects of exposure to diesel traffic in persons with asthma; N Engl J Med; 2007

17. Diesel working group: Diesel exhaust, a critical analysis of emission, exposure and health effects; Health Effects Institute; 1995

18. Diaz et al; Combined diesel exhaust particulate and ragweed allergen challenge markedly enhances human in vivo nasal ragweed specific IgE and skews cytokine production to a T helper cell 2-type pattern; J Immunol; 1997

19. Rield et al; Biology of diesel exhaust effects on respiratory function. J Allergy Clin immunol; 2005

20. Diaz et al; Enhanced nasal cytokine productin in human beings after in vivo challenge with diesel exhaust particle; J Allergy Clin Immunol;1996

21. Bayram et al; The effect of diesel exhaust particle on cell function and release of inflammatory mediators from human bronchial epithelial cells in vitro. Am J Resp Cell Mol Biol; 1998

22. Rudell et al; Controlled diesel exhaust exposure in an exposure chamber: pulmonary effects investigated with bronchial epithelial cells in vitro.J Aerosol Sci; 1990

23. De Marco et al; ISAYA study group: Italian Study on Asthma in young Adults, the impact of climate and traffic-related NO2 on the prevalence of asthma and allergic rhinitis in Italy; Clin Exp Allergy; 2001

24. Holguin et al; The effect of ozone on asthmatics in the Houston area; In Lee Sd ed. Evaluation of the scientific basic for ozone/oxidants standards. Pittsburg: air pollution control association; 1985

25. White et al; Exacerbation of childhood asthma and ozone pollution in Atlanta; Environ Res; 1994

26. Whittemore et al; Asthma and air pollution in the Los Angeles area; Am J Public Health; 1980

27. Thurston et al; Ozone and asthma mortality/hospital admission in New York City; Am J Resir Crit Care Med; 1997

28. Jorres et al; Effect of ozone exposure on allergen responsiveness in subjects with asthma or rhinitis. Am J Resp Crit Care Med; 1996

29. Peden et al; Ozone exposure has both a priming effect on allergen-induced responses as well as intrinsic asthmatics; Am J Resir Crit Care; Med; 1995

30. Bayram et al; Effect of ozone and nitrogen dioxide on the release of pro-inflammatory mediators from bronchial epithelial cells on nonatopic nonasthmatic subjects and atopic asthmatic patients in vitro; J Allergy Clin Immuol; 2001

31. Coleridge et al; Stimulation of irritant receptors and afferent C-fibers in the lung by prostaglandin; Nature; 1976

32. McConnel et al; Asthma in exercising children exposed to ozone: a cohort study; Lancet; 2002

33. Adams et al; Ozone and high ventilation effect on pulmonary function and endurance performance; J App Physiol; 1983

34. Schelegle et al; Reduced exercise time in competitive simulations consequent to low level ozone exposure. Med Sci Sports Exerc; 1986

35. Mudway et al; Ozone and the lung: a sensitive issue; Mol Aspects Med; 2000

36. Uysal et al; Effects of ozone on lung function and lung disease; Curr Opin Pulm Med; 2003

37. Lin et al; Chronic exposure to ambient ozone and asthma hospital admissions among children; Environ Health Perspect; 2008

38. Peters et al; A study of 12 Southern Californian communities with different levels and types of air pollution. Effects on pulmonary function; Am J Resp Crit Care Med; 1999

39. D'Amato et al; Environmental risk factors (outdoor air pollution and climatic changes) and increase trend of respiratory allergy; J Invest Allergol Clin Immunol; 2000

40. Peden et al; Ozone exposure has both a priming effect on allergen-induced responses as well as intrinsic asthmatics; Am J Resir Crit Care; Med; 1995

41. Gauderman et al; Childhood asthma and exposure to traffic and nitrogen dioxide; Epidemiology; 2005

42. De Marco et al; ISAYA study group: Italian Study on Asthma in young Adults, the impact of climate and traffic-related NO2 on the prevalence of asthma and allergic rhinitis in Italy; Clin Exp Allergy; 2001

43. Frampton et al; Nitrogen dioxide exposure in vivo and human alveolar macrophage inactivation of influenza virus in vitro; Environmental Research; 1989

44. Speizer et al; Respiratory disease rates and pulmonary function in children associated with NO2 exposure. Am Rev Respir Dis 1980Arden et al; Am J Respir Crit Care Med; 2001

45. Shwartz et al;; Passive smoke, air pollution and acute respiratory symptoms in a diary of study of student nurses; Am Rev Resp Disease; 1990

46. Braun-Fahrlander et al; Air pollution and respiratory symptoms in preschool children; Am Rev Resp Diseases; 1992

47. Quackenboss et al; Exposure assessment approaches to evaluate respiratory health effects of particulate matter and nitrogen dioxide. J Exposure Analysis and Envir Epid; 1991

48. Blomberg et al; Airway inflammatory and antioxidant responses to oxidative and particulate air pollutants experimental exposure studies. Clin Exp Allergy; 2000

49. Greenberg et al; <u>Different effects of long-term exposures to SOx and NOx air pollutants on</u> <u>asthma severity in young adults.</u>J Toxicol Environ Health A.; 2016

50. Schesinger et al; Toxicity of sulfur oxides. In: Holgate ST, Samet JM, Koren HS, Maynard RL, eds. Air Pollution and Health. London, Academic Press; 1999;

51. Zeng et al; <u>Acute effects of SO2</u> and NO2 on mortality in the six cities of China. Zhonghua Yu Fang Yi Xue Za Zhi.; 2015

52. Balmes et al; Symptomatic bronchoconstriction after short-term inhalation of sulphur dioxide. Am Rev Respir Dis; 1987

53. Cheppard et al; Lower threshold and greater Broncho motor responsiveness of asthmatic subjects to sulfur dioxide; Am Rev Resp Dis; 1980

54. Linn et al; Replicated dose-response study of sulfur dioxide in normal, atopic and asthmatic volunteers; Am Rev Resp; 1987

55. Schwela et al; Air Pollution and Health in Urban Areas. Rev On Env. Health; 2000

56. Logan et al; Lancet 1953;1:336-368 Bell ML e Davis DL. Environ Health Perspect; 2001

57. D'Amato et al; Climate change and air pollution: Effects on pollen allergy and other allergic respiratory diseases. Allergo J Int.; 2014

58. Salmond et al; Health and climate related ecosystem services provided by street trees in the urban environment. Environ Health.; 2016

59. D'Amato et al; Effects of climatic changes and urban air pollution on the rising trends of respiratory allergy and asthma. Multidiscip Respir Med.; 2011

60. D'Amato et al; Urban air pollution and climate change as environmental risk factors of respiratory allergy: an update. J Investig Allergol Clin Immunol.; 2010

61. D'Amato et al; Thunderstorm-related asthma: not only grass pollen and spores.J Allergy Clin Immunol.; 2008

62. D'Amato et al; Thunderstorm-asthma and pollen allergy. Allergy; 2007

63. D'Amato et al; Environmental risk factors and allergic bronchial asthma. Clin Exp Allergy; 2005

64. Celenza et al; Thunderstorms associated asthma: a detailed analysis of environmental factors. BMJ; 1996

65. McCreanor et al; Respiratory effects of exposure to diesel traffic in persons with asthma. N Engl J Med: 2007

66. McConnell et al. Asthma in exercising children exposed to ozone: a cohort study. Lancet; 2002

67. McConnell R et al. Prospective study of air pollution and bronchitis symptoms in children with asthma. AJRCCM; 2003

68. Clark et al; Effect of early life exposure to air pollution on development of childhood asthma. Environ Health Perspect; 2010

69. Hollow et al; Genomics and the respiratory effects of air pollution exposure. Respirology; 2012

70. Peden et al; Ozone exposure has both a priming effect on allergen-induced responses as well as

intrinsic asthmatics; Am J Resir Crit Care; Med; 1995

71. McConnell et al; Residential proximity fine particles related to allergic sensitization and asthma in primary school children; Am J Resp Crit Care Med; 2003

72. Schesinger et al; Toxicity of sulfur oxides. In: Holgate ST, Samet JM, Koren HS; 2001

73. De Marco et al; ISAYA study; Italian Study on Asthma in young Adults, the impact of climate and

traffic-related NO2 on the prevalence of asthma and allergic rhinitis in Italy; Clin Exp Allergy; 2001

74. Rield et al; Biology of diesel exhaust effects on respiratory function. J Allergy Clin immunol; 2005

75. Götschi et al; Long term effects of ambient air pollution on lung function – a review. Epidemiology; 2008

76. Zorana et al; Chronic Obstructive Pulmonary Disease and Long-Term Exposure to Traffic-Related Air Pollution: A Cohort Study; Resp and Crit Care Med; 2010

77. Zanobetti et al; Particulate air pollution and survival in a COPD cohort. Environ Health2008;7:48 Int J Health Geogr.; 2009

78. LindgrenAal; Trafficrelated air pollution associated with prevalence of asthma and COPD/chronic br onchitis. A cross-sectional study in Southern Sweden. Int J Health Geogr.; 2009

79. Downs et al; Reduced exposure to PM10 and attenuated age-related decline in lung function. N Engl J Med.; 2007

80. Loveren. et al; Principali Interazioni tra risposta immunitaria e inquinanti chimici atmosferici; 1976