

***LIST OF PUBLICATIONS***

***CSABA RUSZNAK***  
***MD, PhD, DSc, FAAAAI, FACAAI***

***2016***  
**ENGLISH**

**FULL PAPERS:**

1. JL Devalia, RJ Sapsford, **C Rusznak** and RJ Davies:  
The Effect of Human Eosinophils on Cultured Human Nasal Epithelial Cell Activity and the Influence of Nedocromil Sodium In Vitro.  
American Review of Respiratory Cell and Molecular Biology (1992) **7**:270-277.
2. JL Devalia, RJ Sapsford, **C Rusznak**, MJ Toumbis and RJ Davies:  
The Effects of Salmeterol and Salbutamol on Ciliary Beat Frequency of Cultured Human Bronchial Epithelial Cells, In Vitro  
Pulmonary Pharmacology (1992) **5**:257-263.
3. Devalia JL, Sapsford RJ, Cundell DR, **Rusznak C**, Campbell AM and Davies RJ:  
Human bronchial epithelial cell dysfunction following exposure to nitrogen dioxide in vitro.  
European Respiratory Journal (1993) **6**:1308-1316.
4. Devalia JL, Campbell AM, Sapsford RJ, **Rusznak C**, Quint D, Godard P, Bousquet J and Davies RJ:  
Effect of nitrogen dioxide on synthesis of inflammatory cytokines expressed by human bronchial epithelial cells in vitro.  
American Review of Respiratory Cell and Molecular Biology (1993) **9**:271-279.
5. **Rusznak C**, Devalia JL, Sapsford RJ and Davies RJ:  
Circadian rhythm in ciliary beat frequency of human bronchial epithelial cells in vitro.  
Respiratory Medicine (1994) **88**:461-463.
6. **Rusznak C**, Devalia JL, Lozewicz S and Davies RJ:  
Nasal mucociliary clearance and the effect of drugs.  
Respiratory Medicine (1994) **88**:89-101.
7. **Rusznak C**, Devalia JL, and Davies RJ:  
The impact of pollution on allergic disease  
Allergy (1994) **49**:21-27.
8. JL Devalia, **C Rusznak** and RJ Davies:  
Air pollution in the 1990's - cause of increased respiratory disease?  
Respiratory Medicine (1994) **88**:241-244.
9. JL Devalia, JH Wang, **C Rusznak**, MA Calderon and RJ Davies:  
Does air pollution enhance the human airway response to allergen - In vivo and in vitro evidence.  
Allergy and Clinical Immunology News (1994) **6/3**:80-84.
10. JL Devalia **C Rusznak**, MJ Herdman, CJ Trigg, HN Tarraf and RJ Davies:  
Effect of pre-exposure for six hours to 200ppb sulphur dioxide and/or 400ppb nitrogen

dioxide on sensitisation of mild asthmatic patients to inhaled allergen  
Lancet (1994) **344**:1668-1671

11. RJ Davies, **C Rusznak** and JL Devalia:  
The impact of air pollution on allergic diseases.  
Lezioni del Corso "Ambiente ed Allergopathie" (1995) **1**:41-46.
12. RJ Davies, **C Rusznak** and JL Devalia:  
Air pollution: What are the problems and how can they be managed?  
Management in General Practice (1995) **16**:19-21.
13. **C Rusznak** and RJ Davies:  
Peanut allergy and management of reactions.  
SCI Lecture Paper Series (1995), **60**:1-13.
14. **C Rusznak**:  
Effect of nitrogen dioxide and sulphur dioxide on airway response of mild asthmatic patients to allergen inhalation.  
Dear Colleague (1996) **5**:9-10.
15. JL Devalia, **C Rusznak**, JH Wang and RJ Davies.  
Air pollutants and respiratory hypersensitivity  
Toxicology Letters (1996) **86**:169-176.
16. **C Rusznak**, JL Devalia, and RJ Davies:  
The airway response of asthmatics to inhaled allergen is maximal 24 hours after exposure to pollutants.  
Thorax (1996) **51**:1105-1108
17. JL Devalia, **C Rusznak**, MM Abdelaziz and RJ Davies:  
Nedocromil sodium and airway inflammation in vivo and in vitro  
Journal of Allergy and Clinical Immunology (1996) **98**:51-57.
18. **C Rusznak**, JL Devalia, RJ Sapsford and RJ Davies:  
Ozone induced mediator release from human bronchial epithelial cells, in vitro and the influence of nedocromil sodium.  
European Respiratory Journal (1996) **9**:2298-2305
19. **C Rusznak**, JL Devalia and RJ Davies:  
Role of air pollution in respiratory allergy  
Current Medical Literature - Allergy (1996), **4(4)**:89-100.
20. RJ Davies, JH Wang, MM Abdelaziz, MA Calderon, O Khair, JL Devalia and **C Rusznak**:

New insights into the understanding of asthma.  
Chest (1997), **111**:2S-10S.

21. **C Rusznak**, JL Devalia, JH Wang and RJ Davies:  
Pollution-induced airway disease and the putative underlying mechanisms.  
Clinical Reviews in Allergy (1997) **15(2)**:205-217.
22. **C Rusznak**, H Bayram, JL Devalia and RJ Davies:  
Impact of the environment on allergic lung diseases.  
Clinical and Experimental Allergy (1997) **27(Suppl 1)**:26-35.
23. JL Devalia, **C Rusznak**, MA Abdelaziz, H Bayram and RJ Davies:  
Impact of air pollution on allergic airways disease  
Air Pollution Epidemiology Reports Series, Report Number 11. Workshop on  
environment and immunity. Commission of the European Communities, Brussels  
(1997) 7-20.
24. MM Abdelaziz, JL Devalia, OA Khair, **C Rusznak**, RJ Sapsford, MA Calderon,  
Bayram H and RJ Davies:  
The effect of nedocromil sodium on human airway epithelial cell-induced eosinophil  
chemotaxis and adherence to human endothelial cells, in vitro.  
European Respiratory Journal (1997) **10**:851-857.
25. RJ Davies and **C Rusznak**  
Clinical aspects of peanut allergy and management.  
Prescriber (1997), **8(14)**:23-28.
26. JL Devalia, H Bayram, **C Rusznak**, MA Calderon, RJ Sapsford, MA Abdelaziz, JH  
Wang and RJ Davies:  
Mechanisms of pollution-induced airways disease: in vitro studies in the upper and  
lower airways  
Allergy (1997) **52(Suppl 38)**:45-51.
27. RJ Davies, **C Rusznak**, MA Calderon, JH Wang, MA Abdelaziz and JL Devalia:  
Allergen-irritant interaction and the role of corticosteroids  
Allergy (1997) **52(Suppl 38)**:59-65.
28. **C Rusznak**, JL Devalia and RJ Davies:  
Role of air pollution in respiratory allergy  
Current Medical Literature - Respiratory Medicine (1997), **11(1)**:3-11.
29. JL Devalia, **C Rusznak**, JH Wang and RJ Davies.  
Pollution-allergen interactions - challenge work in man  
European Respiratory Review (1998) **8(53)**:175-178.
30. JL Devalia, **C Rusznak** and RJ Davies.  
Allergen/irritant interaction - its role in sensitization and allergic disease

- Allergy (1998) **53**:335-345.
31. **C Rusznak** and RJ Davies:  
Diagnosing allergy  
British Medical Journal (1998) **316**:686-689.
  32. **C Rusznak C**, Devalia JL, Lozewicz S and Davies RJ.  
Environmental pollution and asthma  
Acta Microbiologica et Immunologia Hungarica (1998) **45(1)**: 57-69.
  33. JH Wang, JL Devalia, **C Rusznak**, A Bagnall, RJ Sapsford and RJ Davies:  
Effect of fluticasone propionate aqueous nasal spray on allergen-induced inflammatory changes in the nasal airways of allergic rhinitics following exposure to nitrogen dioxide.  
Clinical and Experimental Allergy (1999) **29(2)**:234-241.
  34. Davies RJ, **C Rusznak C**, Devalia JL:  
Why is allergy increasing - the environment?  
Clinical and Experimental Allergy (1998) **28(Suppl)**:8-14.
  35. **C Rusznak**, S Jenkins, PR Mills, RJ Sapsford, JL Devalia, RJ Davies.  
Mechanisms of pollutant-induced asthma  
Revue Française d'Allergologie (1998) 38[7S]:S80-S90.
  36. **C Rusznak**, RJ Sapsford, JL Devalia, RJ John, EL Hewitt, AG Lamont, AJ Wood, SS Shah, RJ Davies and S Lozewicz. Cigarette smoke potentiates house dust mite allergen-induced increase in the permeability of human bronchial epithelial cells, in vitro  
American Journal of Respiratory Cell and Molecular Biology (1999) **20**:1238-1250.
  37. HS Jenkins, JL Devalia, RL Mister, AM Bevan, **C Rusznak**, RJ Davies.  
The effect of exposure to ozone and nitrogen dioxide on the airway response of atopic asthmatics to inhaled allergen: dose and time-dependent effects.  
American Journal of Respiratory and Critical Care Medicine (1999) **160(1)**:33-39.
  38. RJ John, **C Rusznak**, M Ramjee, AG Lamont, M Abrahamson and EL Hewitt  
Functional effects of the inhibition of the cysteinyl protease activity of the major house dust mite allergen Der p1 by a novel peptide based inhibitor.  
Clinical and Experimental Allergy (2000) **30**:784-793.
  39. **C Rusznak**, PR Mills, JL Devalia, RJ Sapsford, RJ Davies, S Lozewicz.  
Effect of cigarette smoke on the permeability and IL-8 and sICAM-1 release from cultured human bronchial epithelial cells of non-smoker, smokers and patients with COPD.  
American Journal of Respiratory Cell and Molecular Biology (2000) **23**:530-536.
  40. **C Rusznak**, RJ Sapsford, JL Devalia, JH Wang, SS Shah, PR Mills, RJ Davies, S

Lozewicz.

Cigarette smoke decreases the expression of secretory component in human bronchial epithelial cells in vitro.

Acta Microbiologica et Immunologica Hungarica (2001) **48/1**:81-94.

41. **C Rusznak**:  
The role of allergen-pollutant interaction in the pathogenesis of respiratory diseases.  
Medicina Thoracalis (2001) 54: 101-106.
42. **C Rusznak**, RJ Sapsford, JL Devalia, SS Shah, EL Hewitt, AG Lamont, RJ Davies, S Lozewicz. Interaction of cigarette smoke and house dust mite allergen on inflammatory mediator release from primary cultures of human bronchial epithelial cells.  
Clinical and Experimental Allergy (2001) **31(2)**:226-239.
43. **C Rusznak** and R Stokes Peebles:  
Anaphylaxis and Anaphylactoid Reactions  
Postgraduate Medicine (2002) **111(5)**:101-114.
44. Bayram H, **C Rusznak**, OA Khair, RJ Sapsford, MM Abdelaziz. Effect of ozone and nitrogen dioxide on the permeability of bronchial epithelial cell cultures of non-atopic non-asthmatic subjects and atopic asthmatic patients.  
Clinical and Experimental Allergy (2002) **32**:1285-1292.
45. Murray JJ. and **Rusznak C**  
Asthma and rhinosinusitis  
Curr Opin Otolaryngol Head Neck Surg (2003) **11:49-53**.
46. **Rusznak C**  
Recent advances in the pharmacological treatment of allergic diseases.  
In: Current Medicinal Chemistry – Anti-inflammatory & Anti-allergy agents. Ed: MJ Suto. Bentham Sci Publ. (2003) **2:107-118**.

#### **CHAPTERS IN BOOKS:**

1. RJ Davies, **C Rusznak**, H Bayram, JH Wang, MA Calderon, MM Abdelaziz, O Khair, RJ Sapsford and JL Devalia.  
Air pollution and asthma - the role of epithelial cells.  
In: From genetics to quality of life. (Eds: P Chanez, J Bousquet, FB Michel, P Godard.)  
Hogrefe & Huber Publisher, Gottingen (1996) 90-97.
2. RJ Davies, **C Rusznak**, MA Calderón, JH Wang, MM Abdelaziz and JL Devalia.  
Pollutants enhance the airway response of asthmatics to inhaled allergen: in vivo and in vitro evidence.  
Allergotoxicology - Chapter 9 in New Trends in Allergy IV. (1997), (ed. by J Ring, H Behrendt, D Vieluf). Springer Verlag, Berlin, Heidelberg. Pp61-73.

3. JL Devalia, **C Rusznak** and RJ Davies:  
Exposure to a combination of 200ppb sulphur dioxide and 400ppb nitrogen dioxide increases the airway response of mild asthmatics to allergen inhalation in a time-lagged manner.  
Allergotoxicology - Chapter 10 in New Trends in Allergy IV. (1997), (ed. by J Ring, H Behrendt, D Vieluf). Springer Verlag, Berlin, Heidelberg. pp73-79.
4. JL Devalia, **C Rusznak** and RJ Davies:  
Epithelial cell dysfunction in Rhinitis.  
In Asthma and Rhinitis. 2<sup>nd</sup> edition., Eds: Holgate ST, Busse WW, Blackwell Scientific Publications, Boston 2000, Chapter 55., pp841-857.
5. **C Rusznak** and RJ Davies:  
Diagnosing allergy.  
In ABC of Allergies. Ed: SR Durham. BMJ Books, London (1998) pp8-11.
6. **C Rusznak**, JL Devalia and RJ Davies:  
Advances in the pharmacological treatment of allergic rhinitis. Ed: B Wutrich, The atopy syndrome in the third millenium. Current Problems in Dermatology: Karger, Basel. (1999). Vol 28, pp 102-118.
7. **C Rusznak**  
Diagnosing allergy  
In Allergy Illustrated. Ed: SR Durham. Current Medical Literature Books, London, 2000, pp. 17-28.
8. **C Rusznak**  
The epidemiology of allergies  
In Allergy Illustrated. Ed: SR Durham. Current Medical Literature Books, London, 2000, pp. 1-16.
9. **C Rusznak**  
What is indoor air pollution? In: Air pollution and respiratory effects. Ed: Nurdan Kakturk. Research Signpost Publishing, Kerala, India. 2010, pp 19-60.
10. Öztürk AB, **Rusznak C**, Bayram H. Air pollution and tobacco. In Tobacco and Tobacco Control, Editors: Aytemur ZA, Akçay Ş, Elbek O. The Turkish Thoracic Society, Thorax Books, AVES Publishing, İstanbul, Turkey, 2010 pp 350-361

#### **OTHER PAPERS:**

1. **C Rusznak**, Devalia JL, and Davies RJ:  
The impact of pollution on allergic disease.  
(In chapter: Toxicology elsewhere.)  
Human and Experimental Toxicology (1994) **13**: 575-576.

2. **C Rusznak**:  
Allergic Airway Diseases in Hungary.  
Allergy News (1994) **6**: 11-12.
3. **C Rusznak**:  
Allergy to cosmetics.  
Allergy News (1995) **11**: 18-19.
4. **C Rusznak**:  
Unusual allergies - Allergic to your partner?  
Allergy News (1995) **12**: 4.
5. Papp M and **Rusznak C**:  
Intolerance to food additives - a cause of behavioural problems?  
Allergy News (1996) **13**: 6-7.
6. **C Rusznak**:  
ALCAT testing - A help for people with food intolerance?  
Allergy News (1996) **15**: 2-3.
7. Papp M, Croft DR, Lloyd BW, **Rusznak C**.  
The importance of schoolchildren's knowledge of their asthma  
Allergy News (1996) **16**: 6-7.
8. Davies RJ, **Rusznak C** and Devalia JL  
Air pollution and respiratory allergy  
Proceedings to "Highlights in Allergy-Clinical Immunology and Respiratory Diseases"  
(1996) pp37-38.
9. **C Rusznak**:  
Domestic heating/cooking methods and allergy  
Allergy News (1997) **17**:22.
10. **C Rusznak** and Davies RJ:  
Asthma in Allergies  
A to P in The Field of Allergy (1997) **1**:4-5.
11. Davies RJ, **Rusznak C**, Calderon MA.  
Genetic and environmental influences on allergic rhinitis  
In: Allergic rhinitis: A rationale basis for pharmacotherapy. Proceedings to the ICACI  
XVI., Cancun, Mexico. 9-16.
12. **C Rusznak**:  
The food allergy issue in the UK  
Proceedings of the Food Intolerance Conference, 5 Nov 1997, MAFF, London, 8-10.



13. **C Rusznak**:  
The peanut allergy issue in the UK  
BSACI Newsletter (1997) **20**:5.
14. Papp M and **Rusznak C**:  
Can asthma be prevented in children with atopic dermatitis?  
Allergy News (1998) **20**:14-15.
15. **C Rusznak**:  
Epidemiology of Allergies  
A to P in The Field of Allergy (1998) **2**:4-5.
16. **C Rusznak** and Davies RJ:  
Why is allergy increasing - the environment?  
In: Proceedings to 1st International Symposium in Allergy Management. Cannes, France.  
pp 7-9.
17. Davies RJ and **Rusznak C**:  
House Dust Mites  
Nursing Scotland (1998) **3**:21.
18. **C Rusznak**:  
House Dust Mites and Asthma: is allergen control effective?  
Update (1998) **4<sup>th</sup> November**:694.
19. Papp M and **C Rusznak**:  
The results of the ETAC study  
Allergy News (1998) **21**:7.
20. **C Rusznak**:  
Conference report  
Allergy News (1998) **21**:18-20.
21. **C Rusznak**:  
Why are allergies on the increase?  
A to P in The Field of Allergy (2001) **3**:3-7.
22. **C Rusznak**:  
Increase in allergies: causes and management  
Community Pharmacy (1999) **5**:22-23.
23. **C Rusznak**:  
Why are allergies on the increase?  
Allergy News (1999) **22**:4-6.

24. **C Rusznak:**

A cosmetic experience  
Allergy Free (1999) **1**:29-32.

**THESES (in English):**1. **C Rusznak:**

Tumours of the thyroid gland and their clinicopathological features.  
M.D. Thesis, Debrecen, (1985), 1-80.

2. **C Rusznak:**

The role of human airway epithelial cells in the development of allergic airway diseases.  
Doctor of Philosophy (PhD) in Medicine degree, Budapest, (1994), 1-118.

3. **C Rusznak:**

Pollutant/allergen interaction – its role in sensitisation and allergic diseases  
Doctor of The Hungarian Academy of Science (DSc) degree, (1999), Budapest, pp1-206.

4. **C Rusznak:**

The effects of cigarette smoke and house dust mite allergens on epithelial cell function  
Doctor of Philosophy (PhD) in Science degree. The London University (1999), London. 1-245.

**BOOK REVIEWS:**1. **C Rusznak.**

Indoor Allergens (Eds: AW Pope, R Patterson and H Burge)  
National Academy Press (Washington D.C.) 1993.  
Respiratory Medicine (1995), **89**: 391-392.

**PUBLISHED ABSTRACTS:**1. **C Rusznak**, RJ Sapsford, JL Devalia and RJ Davies:

The Influence of Salbutamol and Salmeterol on Ciliary Beat Frequency (CBF) of Cultured Human Bronchial Epithelial Cells (HBE)  
Thorax (1991) **46**: 782

2. RJ Sapsford, **C Rusznak**, JL Devalia and RJ Davies:

Nedocromil Sodium (N) Blocks Eosinophil-Induced Attenuation of Ciliary Beat Frequency (CBF) of Human Nasal Epithelial Cells (HNE), In Vitro  
Thorax (1991) **46**: 782

3. **Rusznak C**, Sapsford RJ, Devalia JL, and Davies RJ:  
Effect of Salbutamol and Salmeterol on Human Bronchial Epithelial Cells, In Vitro  
Clinical and Experimental Allergy (1991) **22**: (1) 112.
4. Lozewicz S, Wang JH, Devalia JL, **Rusznak C**, Duddle J, Thomas K, Cook J, Davies RJ:  
Fluticasone Propionate (FP) Inhibits Activation of Eosinophils  
Clinical and Experimental Allergy (1991) **22**: (1) 126.
5. RJ Davies, RJ Sapsford, **C Rusznak**, DT McCloskey, JL Devalia:  
Effect of Nedocromil Sodium (N) on Eosinophil-Induced Attenuation of Ciliary Beat  
Frequency (CBF) of Human Nasal Epithelial Cells (HNE), In Vitro  
Allergy & Clinical Immunology News (1991) **Suppl.No 1**, 136.
6. RJ Davies, RJ Sapsford, **C Rusznak**, AM Campbell, D Quint and JL Devalia:  
Synthesis of Tumour Necrosis Factor- $\alpha$  (TNF- $\alpha$ ), by Cultured Human Bronchial Epithelial  
Cells (HBE), Following Exposure to Nitrogen Dioxide (NO<sub>2</sub>)  
Journal of Allergy and Clinical Immunology (1992) **89**: (1) Part 2. 211.
7. JL Devalia , RJ Sapsford, **C Rusznak**, AM Campbell, D Quint and RJ Davies:  
The effect of nitrogen dioxide (NO<sub>2</sub>) on synthesis of inflammatory cytokines expressed by  
human bronchial epithelial cells (HBE) in vitro.  
European Respiratory Journal (1992) **5(Suppl. 15)**: 300s
8. **C Rusznak**, RJ Sapsford, JL Devalia , and RJ Davies:  
The effect of sulphur dioxide (SO<sub>2</sub>) on ciliary activity and cell membrane integrity of cultured  
human bronchial epithelial cells.  
European Respiratory Journal (1992) **5(Suppl. 15)**: 390s
9. JL Devalia, RJ Sapsford, **C Rusznak**, and RJ Davies:  
Nitrogen dioxide (NO<sub>2</sub>) induced increase in permeability and synthesis of GM-CSF and IL-8,  
in human bronchial epithelial cells cultures (HBEC).  
Clinical Science (1993) **84** (Number 3): p39
10. **C Rusznak**, RJ Sapsford, JL Devalia and RJ Davies:  
Diurnal rhythms in ciliary beat frequency (CBF) of human bronchial epithelial cells  
(HBEC), in vitro.  
Clinical Science (1993) **84** (Number 3): p39
11. JL Devalia, **C Rusznak**, RJ Sapsford and RJ Davies:  
The effect of nitrogen dioxide (NO<sub>2</sub>) on human bronchial epithelial cell (HBEC)  
permeability and synthesis of GM-CSF and IL-8, in vitro.  
Thorax (1993) **Vol. 48** No 4. 456.
12. **C Rusznak**, RJ Sapsford, JL Devalia and RJ Davies:  
Influence of circadian rhythms on ciliary beat frequency (CBF) of human bronchial  
epithelial cells (HBEC), in vitro.

- Thorax (1993) **Vol. 48** No 4. 456.
13. JL Devalia, **C Rusznak**, RJ Sapsford, M Calderon and RJ Davies:  
Nitrogen dioxide (NO<sub>2</sub>)- induced permeability and synthesis of inflammatory cytokines by human bronchial epithelial cell monolayers (HBECM) *in vitro*.  
The Journal of Allergy and Clinical Immunology (1993)  
**Vol. 91**, No. 1, Part 2, 328.
  14. RJ Davies, RJ Sapsford, **C Rusznak**, M Calderon and JL Devalia:  
The effect of ozone O<sub>3</sub> on synthesis of IL-8 and GM-CSF by cultured human bronchial epithelial cells (HBEC).  
The Journal of Allergy and Clinical Immunology (1993)  
**Vol. 91**, No. 1, Part 2, 329.
  15. M Calderon, JL Devalia, **C Rusznak**, K Evans and RJ Davies:  
The effect of Ozone (O<sub>3</sub>) on synthesis of IL-8 and GM-CSF by cultured nasal epithelial cells (NEC), from non-atopic non-rhinitic subjects.  
European Respiratory Journal (1993), **Vol 6**. Suppl.17, 184s.
  16. **C Rusznak**, JL Devalia, RJ Sapsford, and RJ Davies:  
Circadian rhythms in ciliary beat frequency (CBF) of human bronchial epithelial cells (HBEC), *in vitro*.  
European Respiratory Journal (1993), **Vol 6**. Suppl.17, 240s.
  17. JL Devalia, **C Rusznak**, M Calderon, RJ Sapsford and RJ Davies.  
Ozone (O<sub>3</sub>)-induced synthesis of pro-inflammatory cytokines in human bronchial epithelial cell cultures (HBEC), *in vitro*.  
Clinical and Experimental Allergy (1994), **24**: 187.
  18. MA Calderon, JL Devalia, **C Rusznak**, K Evans and RJ Davies.  
The effect of ozone (O<sub>3</sub>) on epithelial permeability and synthesis of IL-8 and GM-CSF by cultured nasal epithelial cells from non-atopic non-rhinitic subjects.  
Clinical and Experimental Allergy (1994), **24**: 166.
  19. RJ Sapsford, OA Khair, JL Devalia, **C Rusznak** and RJ Davies.  
Haemophilus influenzae endotoxin-induced release of pro-inflammatory cytokines by human bronchial epithelial cell monolayers, *in vitro*.  
Clinical and Experimental Allergy (1994), **24**: 181.
  20. **C Rusznak**, JL Devalia, MJ Herdman and RJ Davies.  
The effect of six hours exposure to 400ppb nitrogen dioxide (NO<sub>2</sub>) and/or 200ppb sulphur dioxide (SO<sub>2</sub>), on inhaled allergen response in mild asthmatic subjects.  
Clinical and Experimental Allergy (1994), **24**: 186.
  21. JL Devalia, **C Rusznak**, M Calderon, RJ Sapsford, and RJ Davies.  
The effect of nedocromil sodium on ozone induced synthesis of cytokines by human bronchial epithelial cell cultures, *in vitro*.

- American Journal of Respiratory and Critical Care Medicine, (1994), **149**: A153.
22. RJ Davies, **C Rusznak**, MJ Herdman and JL Devalia:  
Effect of pre-exposure for six hours to 200ppb sulphur dioxide and/or 400ppb nitrogen dioxide on sensitisation of mild asthmatic patients to inhaled allergen  
American Journal of Respiratory and Critical Care Medicine, (1994), **149**: A317.
23. RJ Sapsford, JL Devalia, **C Rusznak**, M Calderon and RJ Davies.  
Ozone induced synthesis of pro-inflammatory cytokines in human bronchial epithelial cell cultures and the effect of nedocromil sodium.  
European Respiratory Journal (1994), **Vol 7, Suppl 18**. 183s.
24. **C Rusznak**, JL Devalia, MJ Herdman, CJ Trigg and RJ Davies:  
The effect of sulphur dioxide, nitrogen dioxide or their combination on the airway response of mild asthmatics to allergen inhalation.  
European Respiratory Journal (1994), **Vol 7, Suppl 18**. 424s.
25. MM Abdelaziz, **C Rusznak**, OA Khair, RJ Sapsford, JL Devalia and RJ Davies:  
Conditioned medium from cultured human bronchial epithelial cells increases eosinophil and neutrophil chemotaxis, in vitro.  
Clinical and Experimental Allergy (1994), **24**: 993.
26. JH Wang, JL Devalia, J Duddle, **C Rusznak**, RJ Sapsford and RJ Davies:  
Exposure to nitrogen dioxide enhances the eosinophil response to allergen provocation in allergic rhinitis.  
Clinical and Experimental Allergy (1994), **24**: 977.
27. **Rusznak C**, Devalia JL, Sapsford RJ and Davies RJ:  
Effect of glutathione on ozone-induced release of IL-8 by human bronchial epithelial cells, in vitro.  
European Respiratory Journal (1995), **Vol 8, Suppl 19**. 238s.
28. **Rusznak C**, Devalia JL and Davies RJ:  
Exposure to the combination of 200ppb sulphur dioxide and 400ppb nitrogen dioxide increases the airway response of mild asthmatics to allergen inhalation in a time lagged manner.  
European Respiratory Journal (1995), **Vol 8, Suppl 19**, 572s.
29. Robson AG, Roberts DN, **Rusznak C**, Schroter R, Davies RJ and Pride NB:  
Inhaled sulphur dioxide increases nasal secretion in normal subjects  
European Respiratory Journal (1995), **Vol 8, Suppl 19**, 111s.
30. Wang JH, Devalia JL, **Rusznak C**, Bagnall A and Davies RJ:  
Effect of treatment with fluticasone propionate aqueous nasal spray on allergen-induced inflammatory changes in nasal airways of allergic rhinitis following exposure to nitrogen dioxide.  
Abstract Book of the International Respiratory Forum (1995) p76.

31. Wang JH, Devalia JL, **Rusznak C**, Bagnall A and Davies RJ:  
The effect for prior exposure for 6 hours to 400ppb NO<sub>2</sub> on allergen-induced inflammatory changes in nasal airways of allergic rhinitics and the influence of fluticasone propionate.  
Journal of Allergy Clinical Immunology (1996), **Vol 97, No1, Part 3**. 196.
32. **Rusznak C**, Wang JH, O Khair, Devalia JL and Davies RJ:  
Effect of fluticasone propionate (FP) on ozone (O<sub>3</sub>) induced inflammatory cell changes, following segmental allergen challenge, in mild asthmatics.  
Journal of Allergy Clinical Immunology (1996), **Vol 97, No1, Part 3**. 250.
33. RJ Davies, **C Rusznak**, JH Wang, OA Khair and JL Devalia.  
Effect of fluticasone propionate (FP) on segmental allergen challenge-induced inflammatory cell changes following exposure to ozone(O<sub>3</sub>) in mild asthmatics.  
European Respiratory Journal (1996), **9(Suppl 23):1s**
34. JL Devalia, JH Wang, **C Rusznak**, A Bagnall and RJ Davies.  
The effect of fluticasone propionate aqueous nasal spray on allergen-induced inflammatory changes in the nasal airways of allergic rhinitics following exposure for six hours to 400ppb nitrogen dioxide (NO<sub>2</sub>).  
European Respiratory Journal (1996), **9(Suppl 23):86s**
35. JH Wang, RJ Sapsford, **C Rusznak**, JL Devalia and RJ Davies.  
Effect of fluticasone propionate (FP) on the release of RANTES and sICAM-1 from cultured human bronchial epithelial cells (HBEC).  
European Respiratory Journal (1996), **9(Suppl 23):425s**
36. MM Abdelaziz, OA Khair, **C Rusznak**, MA Calderon, RJ Sapsford, JL Devalia and RJ Davies.  
The effect of nedocromil sodium on eosinophil chemotaxis and adhesion induced by conditioned medium from cultured human bronchial epithelial cells (HBEC).  
European Respiratory Journal (1996), **9(Suppl 23):125s**
37. Osei D, Wang JH, **Rusznak C**, O Khair, Devalia JL and Davies RJ:  
Effect of fluticasone propionate (FP) on ozone (O<sub>3</sub>) induced inflammatory changes, following segmental allergen challenge, in mild asthmatics.  
Clinical and Experimental Allergy (1996), **26(Suppl 1):24s**.
38. Bayram H, Khair O, Devalia JL, Sapsford RJ, Abdelaziz M, **C Rusznak** and Davies RJ:  
Loratadine attenuates nitrogen dioxide (NO<sub>2</sub>)-induced release of inflammatory mediators from cultured human bronchial epithelial cells.  
Clinical and Experimental Allergy (1996), **26(Suppl 1):46s**.
39. JL Devalia, H Bayram, OA Khair, MM Abdelaziz, **C Rusznak**, RJ Sapsford and RJ Davies  
Effect of loratadine on nitrogen dioxide (NO<sub>2</sub>)-induced release of pro-inflammatory mediators from cultured human bronchial epithelial cells  
Thorax (1996) **51(Suppl 3):A39**.

40. MM Abdelaziz, RJ Sapsford, OA Khair, JL Devalia, **C Rusznak**, H Bayram, M Calderon and RJ Davies  
Nedocromil sodium attenuates bronchial epithelial cell-induced eosinophil adhesion and release of sICAM-1 from endothelial cells *in vitro*  
Thorax (1996) **51(Suppl 3)**:A39.
41. JH Wang, JL Devalia, **C Rusznak**, A Bagnall, RJ Sapsford and RJ Davies  
Effect of fluticasone propionate aqueous nasal spray on allergen-induced inflammatory changes in the nasal airways of allergic rhinitics following exposure for six hours to 400ppb nitrogen dioxide (NO<sub>2</sub>)  
Thorax (1996) **51(Suppl 3)**:A40.
42. **C Rusznak**, JL Devalia, RJ Sapsford, AJ Wood, RJ Davies and S Lozewicz  
Cigarette smoke enhances house dust mite allergen (Der p1)-induced changes in permeability of human bronchial epithelial cell cultures (HBEC)  
Thorax (1996) **51(Suppl 3)**:A51.
43. RJ Davies, H Bayram, OA Khair, MM Abdelaziz, **C Rusznak**, RJ Sapsford and JL Devalia.  
Loratadine attenuates nitrogen dioxide (NO<sub>2</sub>)-induced release of pro-inflammatory mediators from human bronchial epithelial cells *in vitro*.  
Journal of Allergy Clinical Immunology (1997) **99:(No 1 Part 1)** S166.
44. **C Rusznak**, JL Devalia, RJ Sapsford, AJ Wood, RJ Davies and S Lozewicz.  
Effect of cigarette smoke on house dust mite allergen (Der p1)-induced increase in human bronchial epithelial cell permeability *in vitro*.  
Journal of Allergy Clinical Immunology (1997) **99:(No 1 Part 1)** S364.
45. RJ Sapsford, **C Rusznak**, JL Devalia, C Gricks, AJ Prior, AJ Wood, RJ Davies and S Lozewicz.  
Effect of exposure to cigarette smoke (CS) on house dust mite allergen induced changes in electrical resistance of human bronchial epithelial cells (HBEC) *in vitro*.  
European Respiratory Journal (1997) **10(Suppl 25)**:415s
46. **C Rusznak**, RJ Sapsford, JL Devalia, C Gricks, AJ Wood, RJ Davies and S Lozewicz.  
Effect of exposure to cigarette smoke (CS) on the release of interleukin-8 (IL-8) by human bronchial epithelial cells (HBEC) *in vitro*.  
European Respiratory Journal (1997) **10(Suppl 25)**:416s
47. JH Wang, **C Rusznak**, D Osei, O Khair, M Abdelaziz, RJ Sapsford, M Mohadani, H Bayram, MA Calderon, JL Devalia, RJ Davies.  
Effect of *in vivo* pre-exposure to 120ppb ozone (O<sub>3</sub>) on TNF- $\alpha$  release from alveolar macrophages, followed by allergen challenge, in mild asthmatics.  
European Respiratory Journal (1997) **10(Suppl 25)**:452s-453s

48. RJ Sapsford, **C Rusznak**, JL Devalia, AJ Wood, RJ Davies and S Lozewicz.  
Release of interleukin-8 from cultured human bronchial epithelial cells exposed to cigarette smoke, and the influence of house dust mite allergen (Der p).  
Clinical and Experimental Allergy (1997) **27**:1370.
49. **C Rusznak**, JL Devalia, RJ Sapsford, AJ Wood, RJ Davies and S Lozewicz.  
Cigarette smoke (CS) potentiates house dust mite allergen-induced changes in electrical resistance of human bronchial epithelial cells in vitro.  
Clinical and Experimental Allergy (1997) **27**:1370.
50. JH Wang, **C Rusznak**, D Osei, O Khair, MM Abdelaziz, JL Devalia and RJ Davies  
Effect of exposure to ozone (O<sub>3</sub>) followed by allergen challenge on alveolar macrophage function in mild asthmatics, and the influence of fluticasone propionate.  
Clinical and Experimental Allergy (1997) **27**:1366.
51. **C Rusznak**, RJ Sapsford, JL Devalia, C Gricks, AJ Prior, AJ Wood, RJ Davies and S Lozewicz.  
Cigarette smoke potentiates house dust mite allergen-induced changes in electrical resistance (ER) of human bronchial epithelial cell (HBEC) in vitro.  
Allergy & Clinical Immunology International (1997) **Suppl 4**:41.
52. **C Rusznak**, JL Devalia, RJ Sapsford, JH Wang, SS Shah, RJ Davies and S Lozewicz.  
Cigarette smoke decreases secretory component (SC) in human bronchial epithelial cells (HBEC) in vitro.  
European Respiratory Journal (1998) **12(Suppl28)**:398s
53. RJ Sapsford, **C Rusznak**, JL Devalia, E Hewitt, J John, RJ Davies and S Lozewicz.  
Effect of house dust mite allergen (Der p) on release of IL-8 from human bronchial epithelial cells (HBEC) in vitro.  
European Respiratory Journal (1998) **12(Suppl28)**:420s-421s
54. PR Mills, **C Rusznak**, RJ Sapsford, JL Devalia and RJ Davies:  
Cigarette smoke-induced IL-8 and TNF- $\alpha$  release from cultured human bronchial epithelial cells (HBEC) of non-smokers, smokers with normal pulmonary function and patients with COPD.  
Thorax (1998) **53(4)**:A58
55. **C Rusznak**, PR Mills, JL Devalia, RJ Sapsford, RJ Davies and S Lozewicz.  
Effect of cigarette smoke on the permeability of cultured human bronchial epithelial cells from non-smokers, smokers and patients with COPD.  
J Allergy Clin Immunol (1999), **103(No 1 Pt2)**:S185.
56. **C Rusznak**, PR Mills, JL Devalia, RJ Sapsford, RJ Davies and S Lozewicz.  
Effect of cigarette smoke on intracellular reduced glutathione levels of primary cultures of human bronchial epithelial cells of never-smokers, smokers and patients with COPD.  
J Allergy Clin Immunol (2000), **105(No 1 Pt2)**:S117.



67. **C Rusznak**, RJ Sapsford, JL Devalia, RJ Davies and S Lozewicz.  
Interaction of cigarette smoke and house dust mite allergens on the release of inflammatory mediators from primary cultures of human bronchial epithelial cells.  
J Allergy Clin Immunol (2000), **105(No 1 Pt2):S286**.
68. **C Rusznak**, EL Hewitt, RJ Sapsford, JL Devalia and S Lozewicz.  
Effect of PTL11028, a novel cysteine protease inhibitor, on house dust mite (HDM) allergen-induced increase in the permeability of human bronchial epithelial cells, in vitro.  
J Allergy Clin Immunol (2001), **107(No 2):S122**.

## HUNGARIAN

### **FULL PAPERS:**

1. **C Rusznak**, Koncz A, Miko T, Lukacs G, Incze D:  
Adenoid cysticus mammary carcinoma with pulmonary metastasis.  
Medicina Thoracalis 42. 119-123., 1989.
2. **C Rusznak**, Voith L, Mihoczy L:  
Proximal occlusion of the left anterior descendent coronary artery. Clinical and haemodynamic consequences.  
Cardiologia Hungarica 2. 85-91, 1991.
3. Csapo K, **C Rusznak**, Orosi P, Farago E:  
The role of aminoglycoside therapy in Intensive Care Units.  
Pneumonologia Hungarica XLI 5-9, 1988.
4. Koncz A, **C Rusznak**, Vezendi S:  
Primer mediastinal seminoma.  
Pneumonologia Hungarica XLI 275-279, 1988
5. **C Rusznak**:  
The role of human airway epithelial cells in the development of allergic airway diseases.  
Kandidátusi értekezés tézisei (1993), 1-16.
6. **C Rusznak** and R Stokes Peebles:  
Anaphylaxia es Anaphylactoid Reakciok  
Orvostovábbképző Szemle, 2002, IX. 8, 89-96.