Curriculum Vitae

Personal information

Zsofia Gyulai

Work experience

1. Employer: National Institute of Pharmacy and Nutrition
   - Start date: 04/2010
   - End date:
   - Position: clinical assessor
   - Activities: Clinical efficacy and safety assessment for marketing authorization applications
   - Country: Hungary
2. Employer: University of Szeged, Faculty of Medicine, Department of Medical Microbiology and Immunbiology
   - Start date: 10/1988
   - End date: 12/2006
   - Position: assistant professor
   - Activities: research in virology and immunology. Classroom and laboratory instruction of medical microbiology and immunology for medical, dental and pharmaceutical students in Hungarian and English. Supervisor of medical and pharmaceutical students preparing their diploma thesis. Supervisor of PhD students
   - Country: Hungary
3. Employer: Cancer and Inflammation Program, Laboratory of Experimental Immunology, CCR, _NCI/NIH Frederick, MD
   - Start date: 09/2006
   - End date: 02/2010
   - Position: visiting scientist
   - Activities: Research in cancer immunology, chemical carcinogenesis
   - Country: United States
4. Employer: The Wistar Institute, Philadelphia, PA
   - Start date: 08/1996
   - End date: 12/1998
   - Position: visiting scientist
   - Activities: Research in viral immunology, preclinical/clinical testing of vaccine candidates
   - Country: United States
5. Employer: Cornell University Medical College, Dept. of Pharmacology, New York, NY.
   - Start date: 04/1994
   - End date: 04/1995
   - Position: visiting scientist
   - Activities: Biomedical research
   - Country: United States

Education and training

1. Subject: Albert Szent_Gyorgyi Medical University Szeged
   - Start date:
   - End date:
   - Qualification: MD. degree 1988
   - Organisation:
   - Country: Hungary
2. Subject: University of Szeged, Faculty of Medicine Szeged
   - Start date:
   - End date:
   - Qualification: Ph.D. degree 2001
   - Organisation:
   - Country: Hungary
3. Subject: Postgraduate Medical School, Budapest
   - Start date:
   - End date:
   - Qualification: Specialization in Medical Microbiology 1992
   - Organisation:
   - Country: Hungary

Additional information

Publications

Original articles:

1. Salcedo R, Worschech A, Cardone M, Jones Y, Gyulai Z, Dai RM, Wang E, Ma W, Haines D, O'hUigin C, Marincola FM, Trinchieri G: MyD88_mediated signaling prevents development of adenocarcinomas of the colon: role of interleukin 18 J Exp Med 207(8),2080_8. (2010)

2. Tiszlavicz Z, Gyulai Z, Bencsik K, Szolnoki Z, Kocsis AK, Somogyvári F, Vécsei L, Mándi Y: RAGE gene polymorphisms in patients with multiple sclerosis. J Mol Neurosci, 39(3), 360_5. (2009)

3. Szoke D, Molnar B, Solymosi N, Racz K, Gergics P, Blasko B, Vasarhelyi B, Vannay A, Mandy Y, Klausz G, Gyulai Z, Galamb O, Spisak S, Hutkai B, Somogyi A, Berta K, Szabo A, Tulassay T, Tulassay Z: Polymorphisms of the ApoE,

HSD3B1, IL_1beta and p53 genes are associated with the development of early uremic complications in diabetic patients: Results of a DNA resequencing array study. Int J Mol Med, 23(2), 217_27. (2009)

4. Szoke D, Molnar B, Solymosi N, Klausz G, Gyulai Z, Toth B, Mandi Y, Tulassay Z: T_251A polymorphism of IL_8 relating to the development of histological gastritis and G_308A polymorphism of TNF_α relating to the development of macroscopic erosion, , Eur J Gastroen Hepat, 20, 191_95. (2008)

5. Hofner P, Seprényi G, Miczák A, Buzás K, Gyulai Z, , Medzihradszky KF, Rouhiainen A, Rauvala H, Mándi Y: High Mobility Group Box 1 protein induction by Mycobacterium bovis BCG, Mediators of Inflammation, 2007, Article ID 53805. (2007)

6. Kis Z, Sas K, Gyulai Z, Treso B, Petrovay F, Kapusinszky B, Csire M, Endresz V, Burian K, Mandi Y, Vecsei L, Gonczol E: Chronic infections and genetic factors in the development of ischemic stroke, New Microbiol, 30(3), 213_20. (2007)

7. Kahán Z, Csenki M, Varga Z, Szil E, Cserhati A, Balog A, Gyulai Z, Mándi Y, Boda K, Thurzó L: The risk of early lung sequelae after conformal radiotherapy in breast cancer patients, Int J Radiat Oncol Biol Phys 68;3, 673_681 (2007)

8. Hofner P, Gyulai Z, Kiss ZF, Tiszai A, Tiszlavicz L, Tóth G, Szőke D, Molnár B, Lonovics J, Tulassay Z, Mándi Y: Genetic Polymorphisms of NOD1 and IL_8, but not Polymorphisms of TLR4 Genes, Are Associated with Helicobacter pylori_Induced Duodenal Ulcer and Gastritis, Helicobacter 12;2, 124–131 (2007)

9. Hofner P, Balog A, Gyulai Z, Farkas G, Rakonczay Z, Takacs T, Mandi Y: Polymorphism in the IL_8 gene, but not in the TLR4 gene, increases the severity of acute pancreatitis, Pancreatology, 23;6, 542_548 (2006)

10. Gyulai Z, Balog A, Borbenyi Z, Mandi Y: Genetic polymorphisms in patients with myelodysplastic syndrome, Acta Microbiol Immunol Hung, 52, 463_475 (2005)

11. Balog A, Gyulai Z, Boros LG, Farkas Gy, Takács T, Lonovics J, Mandi Y: Polymorphism of the TNF_□, HSP70_2 and CD14 genes increases susceptibility to severe acute pancreatitis, Pancreas, 30, 46_50 (2005)

12. Klausz G, Molnar T, Nagy F, Gyulai Z, Boda K, Lonovics J, Mandi Y: Polymorphism of the heat_shock protein gene HSP70_2, but not polymorphisms of the IL_10 and CD14 genes, is associated with the outcome of Crohn's disease, Scand J Gastroenterology, 40, 1197_1204 (2005)

13. Balog A, Borbenyi Z, Gyulai Z, Molnár L, Mandi Y: Clinical importance of TGF_ß but not of TNF_□ gene polymorphism in patients with myelodysplastic syndrome belonging to the refractory anemia subtype, Pathobiology, 72, 165_170 (2005)

14. Gyulai Z, Klausz G, Tiszai A, Lenart Z, Kasa IT, Lonovics J, Mandi Y: Genetic polymorphism of interleukin_8 (IL_8) is associated with Helicobacter pylori_induced duodenal ulcer, Eur Cytokine Netw, 15, 353_8 (2004)

15. Balog A, Klausz G, Gal J, Molnar T, Nagy F, Ocsovszky I, Gyulai Z, Mandi Y: Investigation of the prognostic value of TNF_alpha gene polymorphism among patients treated with infliximab, and the effects of infliximab therapy on TNF_alpha production and apoptosis, Pathobiology, 71, 274_80 (2004)

16. Klausz G, Tiszai A, Lénárt Z, Gyulai Z, Tiszlavicz L, Hőgye M, Csanády M, Lonovics J, Mándi Y: Helicobacter pylori_induced immunological responses in patients with duodenal ulcer and in patients with cardiomyopathies, Acta Microbiol Immunol Hung, 51, 311_20 (2004)

17. Klausz G, Buzás E, Scharek P, Tiszlavicz L, Gyulai Z, Fulop AK, Falus A, Mandi Y: Effects of Helicobacter pylori infection on gastric inflammation and local cytokine production in histamine_deficient (histidine decarboxylase knock_out) mice, Immunol Letters, 94, 223_228 (2004)

18. Balog A, Gal J, Gyulai Z, Zsilak S, Barath S, Mandi Y: Tumour necrosis factor_□ and heat_shock protein 70_2 gene polymorphisms in a family with rheumatoid arthritis, Acta Microbiol Immunol Hung, 51, 263_9 (2004)

19. Klausz G, Tiszai A, Tiszlavicz L, Gyulai Z, Lénárt Z, Lonovics J, Mándi Y.: Local and peripheral cytokine response and CagA status of Helicobacter pylori_positive patients with duodenal ulcer. Eur. Cytokine Netw., 14, 1_6 (2003)

20. Endrész V, Burián K, Berencsi K, Gyulai Z, Horton H, Virok D, Méric C, Plotkin SA, Gönczöl É: Optimization of DNA immunization against human cytomegalovirus, Vaccine, 19 (28_29), 3972_3980 (2001)

21. Burián K, Berencsi K, Endrész V, Gyulai Z, Vályi_Nagy T, Vályi_Nagy I, Bakay M, Geng Y, Virók D, Kari L, Hajnal_Papp R, Trinchieri G, Gönczöl É: Chlamydia pneumoniae superinfection exacerbates aortic injury and inflammatory foci caused by murine cytomegalovirus infection in mice, Clin Diagn Lab Immunol, 8 (6), 1263_1266 (2001)

22. Berencsi K, Gyulai Z, Gonczol E, Pincus S, Cox WI, Michelson S, Kari L, Meric C, Cadoz M, Zahradnik J, Starr S, Plotkin SA: A canarypox vector expressing cytomegalovirus phosphoprotein 65 (pp65) induces long_lasting cytotoxic T cell responses in human cytomegalovirus (HCMV) seronegative subjects, J Infect Dis, 183 (8), 1171_79 (2001)

23. Gyulai Z: Herpesvírusok elleni vakcináció lehetőségei, Lege Artis Medicinæ, 10 (3), 226_234 (2000)

24. Gyulai Z, Endresz V, Burian K, Pincus S, Toldy J, Cox WI, Meric C, Plotkin SA, Gonczol E, Berencsi K: Cytotoxic T lymphocyte (CTL) responses to human cytomegalovirus pp65, IE1_exon4, gB, pp150, and pp28 in healthy individuals: reevaluation of prevalence of IE_specific CTLs, J Infect Dis, 181 (5), 1537_46 (2000)

25. Geng Y, Berencsi K, Gyulai Z, Valyi_Nagy T, Gonczol E, Trinchieri G: Roles of interleukin_12 and gamma interferon in murine Chlamydia pneumoniae infection, Infect. Immun, 68 (4), 2245_2253 (2000)

26. Gönczöl É, Berencsi K, Endrész V, Burián K, Gyulai Z, Kari L, Virók D: Új vakcinák lehetősége a jövő század első negyedében, Lege Artis Medicinæ, 9 (2), 88_95 (1999)

27. Adler SP, Plotkin SA, Gonczol E, Cadoz M, Meric C, Wang JB, Dellamonica P, Best AM, Zahradnik J, Pincus S, Berencsi K, Cox WI, Gyulai Z: A canarypox vector expressing cytomegalovirus (CMV) glucoprotein B primes for antibody responses to a live attenuated CMV vaccine (Towne), J Infect Dis, 180 (3), 843_846 (1999)

28. Endrész V, Kari L, Berencsi K, Kari Cs, Gyulai Z, Jenei Cs, Pincus S, Rodeck U, Meric C, Plotkin SA, Gonczol E: Induction of human cytomegalovirus (HCMV)_ glycoprotein B (gB)_ specific neutralizing antibody and phosphoprotein 65 (pp65)_specific cytotoxic T lymphocyte responses by naked DNA immunization, Vaccine, 17 (1), 50_58 (1999)

29. Berencsi K, Gonczol E, Endrész V, Kough J, Takeda S, Gyulai Z, Plotkin SA, Rando RF: The N_terminal 303 amino acids of the human cytomegalovirus envelope glycoprotein B (UL55) and the exon 4 region of the major immediate early protein 1 (UL 123) induce a cytotoxic T_cell response, Vaccine, 14 (5), 369_374 (1996)

30. Mucsi I, Gyulai Z, Béládi I: Combined effects of flavonoids and acyclovir against herpesviruses in cell cultures, Acta Microbiol. Hung, 39 (2), 137_147 (1992) 31. Mucsi I, Gyulai Z, Béládi I: Flavonoidok antivirális hatásának vizsgálata nukleozid analógokkal vagy interferonnal kombináltan, Kisérl. Orvostud, 39, 443_448 (1987)

48 Conference abstracts

Projects

Memberships

EMA COMP delegate

Hungarian Society of Microbiology (MMT),

Hungarian Society of Immunology (MIT)

Other Relevant Information

Expertise: Immunologist, virologist, microbiologist with experience in medical microbiology/virology, infectious diseases, cellular/humoral immunology, chemical carcinogenesis, preclinical/clinical testing of vaccine candidates, and molecular biology

Fellowships: János Bolyai Research Fellowship of the Hungarian Academy of Sciences 2002_2005

Journal review for: Cytokine

Proficiency in languages: fluent in English; reading and understanding German and Russian