ABSTRACTS (A), ORAL PRESENTATIONS (O) AND POSTERS (P)

1. Gregus, Z., Varga, F. and Fischer E.: Effect of phenobarbital pretreatment on the biliary excretion of sulfobromophthalein. 41st Annual Meeting of the Hungarian Soceity of Physiology, Szeged, 1975. (O)
2. Gregus, Z. and Fischer E.: Interaction between sulfobromophthalein and sulfobromophthalein-glutathione conjugate during their hepatobiliary transport. 42nd Annual Meeting of the Hungarian Society of Physiology, Budapest, 1976. (O)
3. Gregus, Z., Varga, F. and Fischer, E.: A comparative study of sulfobromophthalein and the glutathione conjugate of sulfobromophthalein. 43rd Annual Meeting of the Hungarian Society of Physiology, Pécs, 1977. (O)
4. Fischer, E., Varga, F. and Gregus, Z.: Relationship between the rates of biliary excretion of organic anions and the biliary flow in rats. 43rd Annual Meeting of the Hungarian Society of Physiology, Pécs, 1977. (O)
5. Gregus, Z., Varga, F. and Fischer, E.: Interaction in the biliary excretion of taurocholic acid and sulfobromophthalein. 3rd Congress of the Hungarian Pharmacological Society, Debrecen, 1977. (O)
6. Fischer, E., Varga, F. and Gregus, Z.: Effect of phenobarbital induction on the biliary excretion of some non-metabolized organic anions. 3rd Congress of the Hungarian Pharmacological Society, Debrecen, 1977. (O)
7. Gregus, Z., Fischer, E. and Varga, F.: Effect of taurocholate on the hepatic transport of cholephilic organic anions. 44th Annual Meeting of the Hungarian Society of Physiology, Debrecen, 1978. (O)
8. Varga, F., Fischer, E. and Gregus, Z.: Species differences in biliary excretion of some organic acids. 7th International Congress of Pharmacology, Paris, 1978. (P)
9. Gregus, Z., Varga, F. and Fischer, E.: Effect of taurocholate on hepatic transport of bromosulphthalein in rats. 7th International Congress of Pharmacology, Paris, 1978. (P)
10. Gregus, Z., Fischer, E. and Varga, F.: Relationship between the hepatic transport of cholephilic organic acids and their effects on mitochondrial respiration. Symposium of the Hungarian Society of Gastroenterology, Szeged, 1978. (O)
11. Gregus, Z., Fischer, E., Barth, A.: Effect of cholestyramine-induced biliary bile acid depletion on the hepatic transport of cholephilic organic anions. 45th Annual Meeting of the Hungarian Society of Physiology, Szeged, 1979. (O)
12. Gregus, Z. and Fischer, E.: Qualitative differences in the biliary excretion of sulfobromophthalein and its glutathione conjugate. Symposium of the Hungarian Society of Gastroenteorology, Harkány, 1979. (O)
13. Fischer, E. and Gregus, Z.: Time course of effect of phenobarbital on hepatic transport and bile flow in the rat. Symposium of the Hungarian Society of Gastroenterology, Harkány, 1979. (O)
14. Gregus, Z., Fischer, E. and Varga, F.: Role of bile acids in the biliary excretion of organic anions with cholestatic effect. Second International Congress of Toxicology, Brussels, 1980. (P); Toxicol. Lett. S.I. No.1: 168, 1980. (A) (IF.: 0,834)
15. Gregus, Z., Varga, F. and Fischer, E.: Importance of bile acids in the biliary excretion of some cholephilic organic anions. Seventh Congress of the Polish Pharmacological Society, Poznan, 1980. (P)
16. Watkins, J.B., Gregus, Z., Thompson, T.N. and Klaassen, C.D.: Induction studies on the functional heterogeneity of rat liver UDP-glucuronyltransferase. 31st Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, (P); Hepatology 1: 559, 1980. (A)
17. Thompson, T.N., Watkins, J.B., Gregus, Z. and Klaassen, C.D.: Pregnenolone-l6α-carbonitrile, an effective inducer of hepatic phase II biotransformation in the rat. 31st Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, (P); Hepatology 1: 553, 1980. (A)
18. Gregus, Z. and Klaassen, C.D.: Role of ligandin as a binding protein and as an enzyme in the biliary excretion of sulfobromophthalein. 31st Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, (P); Hepatology 1: 513, 1980. (A)
19. Tichy, B., Gregus, Z., Fischer, E. and Varga, F.: Inhibitory effect of cholephilic organic anions on the biliary excretion of BOC-^{14}C-glycine-pentagastrin. 23rd Annual Meeting of the Hungarian Gastroenterology Society, Keszthely, 1981. (O)
20. Gregus, Z., Fischer, E. and Varga, F.: Hepatobiliary transport of cholephilic organic acids and their effect on mitochondrial respiration. 12th Membrane Transport Conference, Sümeg, Hungary, 1982. (P)
21. Varga, F., Fischer, E. and Gregus, Z.: Effect of phenobarbital induction on hepatic transport in rats. 12th Membrane Transport Conference, Sümeg, Hungary, 1982. (P)

22. Thompson, T.N., Watkins, J.B., Gregus, Z. and Klaassen, C.D.: Induction of hepatic phase II biotransformation in the rat. 21st Annual Meeting of the Society of Toxicology, (P); Toxicologist 2: 441, 1982. (A)
23. Watkins, J.B., Gregus, Z., Thompson, T.N. and Klaassen, C.D.: Resistance of some biotransformation pathways to hepatotoxins. Fed. Proc. 41: 7994, 1982. (A) (IF.: 0,310)
24. Watkins, J.B., Gregus, Z., Thompson, T.N. and Klaassen, C.D.: Depletion of hepatic UDP-glucuronic acid (UDPGA) decreases the biliary excretion of drugs. 33rd Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, (P); Hepatology 2: 703, 1982. (A)
25. Gregus, Z., Watkins, J.B. and Klaassen, C.D.: Effect of hepatic UDP-glucuronic acid depletion on the biliary excretion of compounds undergoing glucuronidation. 47th Annual Meeting of the Hungarian Society of Physiology, Pécs, 1982. (O)
26. Schmelás, A., Fischer, E. and Gregus, Z.: Effect of substrate pretreatment on biliary excretion. 47th Annaul Meeting of the Hungarian Society of Physiology, Pécs, 1982. (P)
27. Gregus, Z.: The role of bile acids in biliary excretion of exogenous organic acids. 13th Membrane Transport Conference, Sümeg, Hungary, 1983. (O)
28. Gregus, Z., Varga, F., Fischer, E. and Klaassen, C.D.: The importance of conjugation with glutathione and glucuronic acid in biliary excretion. Symposium of the Hungarian and Polish Pharmacologocial Societies on Pharmacokinetic Aspects of Drug Research, Visegrád, 1983. (O)
29. Gregus, Z., Klaassen, C.D. and Schmelás, A.: Species differences in hepatic biotransformation of xenobiotics in adult and developing animals. 5th Symposium on Developmental Pharmacology, Reinhardsbrunn, Germany, 1983. (O)
30. Watkins, J.B., Gregus, Z., Thompson, T.N. and Klaassen, C.D.: Diethyl ether anesthesia depletes UDP-glucuronic acid (UDPGA) and depresses biliary excretion. 22nd Annual Meeting of the Society of Toxicology, (P); Toxicologist 3: 357, 1983. (A)
31. Watkins, J.B., Gregus, Z., Thompson, T.N., Harvey, M.J., Rozman, K. and Klaassen, C.D.: Hepatic phase I and phase II biotransformation in quail and trout: Comparison to species commonly used in toxicity testing. 22nd Annual Meeting of the Society of Toxicology, (P); Toxicologist 3: 346, 1983. (A)
32. Gregus, Z. and Klaasen, C.D.: Effects of butylated hydroxyanisole (BHA) on hepatic glucuronidation and biliary excretion of drugs in mice. 24th Annual Meeting of the Society of Toxicology, San Diego, CA, (P); Toxicologist 5: 963, 1985. (A)
33. Gregus, Z. and Varga, F.: Role of glutathione and hepatic glutathione S-transferase in mercury, cadmium and zinc. 24th Annual Meeting of the Society of Toxicology, San Diego, CA, (P); Toxicologist 5: 132, 1985. (A)
34. Gregus, Z., Stein, A.F. and Klaassen, C.D.: Biliary excretion of glutathione and related thiols in rats: Age-dependence and responsiveness to acivicin, an inhibitor of gamma-glutamyl transpeptidase. 36th Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, (P); Hepatology 5: 958, 1985. (A) (IF.: 4,994)
35. Stein, A.F., Gregus, Z. and Klaassen, C.D.: Species variations in biliary excretion of glutathione-related sulfhydryls and methylmercury (MM). 25th Annual Meeting of the Society of Toxicology, New Orleans, LA, (P); Toxicologist 6: 110, 1986. (A)
36. Gregus, Z., Stein, A.F. and Klaassen, C.D.: Biliary excretion of glutathione (GSH) and related thiols in rats: Age-dependence and responsiveness to acivicin, an inhibitor of gamma-glutamyltranspeptidase (GGT). 25th Annual Meeting of the Society of Toxicology, New Orleans, LA, (P); Toxicologist 6: 148, 1986. (A)
37. Gregus, Z., Stein, A.F. and Klaassen, C.D.: Effect of inhibition of gamma-glutamyltranspeptidase (GGT) on biliary and urinary excretion or endogenous thiols and methylmercury (MM) in rats. 25th Annual Meeting of the Society of Toxicology, New Orleans, LA, (P); Toxicologist 6: 150, 1986. (A)
38. Gregus, Z., White, C. and Klaassen, C.D.: Effect of hepatic glutathione depletion on activation of inorganic sulfate and sulfate ester formation in rats. 37th Annual Meeting of the American Association for the Study of Liver Diseases, Chicago, IL, (P); Hepatology 6: 1192, 1986. (A) (IF.: 4,628)
39. Sendelbach, L.E., White, C.A., Gregus, Z., Howell, S.R. and Klaassen, C.D.: Effect of sulfhydryl-deficient diets on the hepatic metallothionein levels in rats. 26th Annual Meeting of the Society of Toxicology, Washington D.C., (P); Toxicologist 7: 272, 1987. (A)
40. Gregus, Z., Madhu, C. and Klaassen, C.D.: Species variations in biliary and urinary excretion of acetaminophen metabolites. 26th Annual Meeting of the Society of Toxicology, Washington D.C., (P); Toxicologist 7: 464, 1987. (A)

41. Gregus, Z., White, C.A., Howell, S.R. and Klaassen, C.D.: Effect of hepatic glutathione depletion on activation of inorganic sulfate and sulfate ester formation in rats. 26th Annual Meeting of the Society of Toxicology, Washington D.C., (P); Toxicologist 7: 878, 1987. (A)
42. Gregus, Z., Madhu, C., Goon, D. and Klaassen, C.D.: Effect of hepatic UDP-glucuronic acid depletion on the disposition of acetaminophen in rats. 26th Annual Meeting of the Society of Toxicology, Washington D.C., (P); Toxicologist 7: 462, 1987. (A)
43. Gregus, Z., Stein, A.F., Varga, F. and Klaassen, C.D.: Paradoxical effect of lipoic acid on biliary excretion of metals. 26th Annual Meeting of the Society of Toxicology, Washington D.C., (P); Toxicologist 7: 268, 1987. (A)
44. Madhu, C., Gregus, Z. and Klaassen, C.D.: Biliary excretion of acetaminophen glutathione, as an index for toxic activation of acetaminophen: Effect of cytochrome P-450 inducers and inhibitors. 26th Annual Meeting of the Society of Toxicology, Washington D.C., (P); Toxicologist 7: 463, 1987. (A)
45. Gregus, Z. and Klaassen, C.D.: Species variations in toxication and detoxication of acetaminophen. Symposium of the Hungarian Pharmacological Society, Mátrafüred, Hungary, 1987. (O)
46. Gregus, Z., Madhu, C. and Klaassen, C.D.: Biliary excretion of acetaminophen glutathione conjugate as an index for toxication of acetaminophen *in vivo.* Symposium of the Finnish Society of Toxicology, Vouranta, 1988. (O)
47. Gregus, Z., Madhu, C. and Klaassen, C.D.: Altered routes of biotransformation and excretion of acetaminophen in rats treated with microsomal enzyme inducers. 29th Congress of European Society of Toxicology, Munich, 1988. (O)
48. Gyurasics, Á. and Gregus, Z.: Effect of arsenicals on biliary excretion of endogenous non-protein thiols as well as of some mercurials and sulfobromophthalein. 29th Congress of European Society, of Toxicology, Munich, 1988. (O)
49. Varga, F. and Gregus, Z.: Inhibitory effect of cholephilic organic acids on hepatobiliary transport and mitochondrial respiration. 29th Congress of European Society of Toxicology, Munich, 1988. (P)
50. Gregus, Z., Madhu, C. and Klaassen, C.D.: In vivo toxication of acetaminophen as reflected by biliary excretion of acetaminophen-glutathione conjugate. Symposium on Drug Metabolizing Enzyme Systems, Varna, 1989. (O)
51. Gregus, Z., Madhu, C. and Klaassen, C.D.: A simple method for analysis of diquat in tissues and biological fluids by high-performance liquid chromatography. 30th Annual Meeting of the Society of Toxicology, Dallas, TX, (P); Toxicologist 11: 72, 1991. (A)
52. Madhu, C., Gregus, Z. and Klaassen, C.D.: Marked inter-animal differences in susceptibility of Sprague-Dawley rats to diquat-induced oxidative stress. 30th Annual Meeting of the Society of Toxicology, Dallas, TX, (P); Toxicologist 11: 211, 1991. (A)
53. Gregus, Z., Fekete, T., Varga, F. and Klaassen, C.D.: Availability of coenzyme A and glycine limits glycine conjugation of benzoic acid *in vivo*. 3rd International ISSX Meeting, Amsterdam, 1991. (P)
54. Gyurasics, Á. and Gregus, Z.: Kapcsolat a glutation és az arzén, antimon valamint a bizmut epével való kiválasztása között. XXI. Membrán Transzport Konferencia, Sümeg, 1991. (P)
55. Gyurasics, Á. and Gregus, Z.: Biliary excretion of arsenic, antimony and bismuth: the role of glutathione. 3rd Joint Meeting of Hungarian, Italian and Polish Pharmacological Societies, Modena, Italy, 1992. (O); Pharmacol. Res. 25: 339, 1992. (A)(IF.: 0,702)
56. Rozman, P., Gregus, Z., Kim, H., Madhu, C., Liu, Y.P. and Klaassen, C.D.: Effect of marginally deficient sulfur diet on acetaminophen pharmacokinetics and subsequent sulfate homeostasis in rats. 31st Annual Meeting of the Society of Toxicology, Seattle, WA, (P); Toxicologist 12: 168, 1992. (A)
57. Gregus, Z., Fekete, T., Varga, F. and Klaassen, C.D.: Dependence of glycine conjugation on the availability of glycine: the role of glycine cleavage system. 4th North American ISSX Meeting, Bal Harbour, FL, 1992. (P)
58. Gregus, Z., Fekete, T., Varga, F. and Klaassen, C.D.: Effect of valproic acid on glycine conjugation of benzoic acid. 4th North American ISSX Meeting, Bal Harbour, FL, 1992. (P)
59. Oguro, T., Gregus, Z., Madhu, C., Liu, L. and Klaassen, C.D.: Molybdate Depletes hepatic 3'-phosphoadenosine 5'-phosphosulfate (PAPS) and the sulfation of acetaminophen in rats. 32nd Annual Meeting of the Society of Toxicology, New Orleans, LA, (P); Toxicologist 13: 329, 1993. (A)
60. Klaassen, C.D., Gregus, Z., Kim, H. and Oguro, T.: Importance of co-substrates in the sulfation of xenobiotics. 2nd Workshop on Sulfation of Xenobiotics and Endogenous Compounds, Ardmore, OK, 1993. (O)

61. Gregus, Z., Oguro, T. and Klaassen, C.D.: Nutritionally and chemically induced impairment of sulfate activation and sulfation of xenobiotics *in vivo*. 2nd Workshop On Sulfation of Xenobiotics and Endogenous Compounds, Ardmore, OK, 1993. (O)
62. Gregus, Z., Fekete, T. and Klaassen, C.D.: Does hepatic ATP deficiency compromise glycine conjugation *in vivo*? 7th International Congress of Toxicology, Seattle, WA, (P); The International Toxicologist 7: 69-P-11, 1995. (A)
63. Halászi, É., and Gregus, Z.: Klórfenoxiecetsav herbicidek hatása a glicin-konjugációra. A Magyar Toxikológusok Társaságának Konferenciája, Dobogókő, 1995. (O)
64. Gregus, Z., Fekete, T. and Klaassen, C.D.: Gátolja-e hepatikus ATP hiány a glicin-konjugációt *in vivo*? A Magyar Toxikológusok Társaságának Konferenciája, Dobogókő, 1995. (O)
65. Gregus, Z., Fekete, T., Halászi, É. and Klaassen, C.D.: Lipoic acid impairs glycine conjugation of benzoic acid and renal excretion of benzoylglycine. 35th Annual Meeting of the Society of Toxicology, Anaheim, CA, (P); Toxicologist 30: 313, 1996. (A); 5th Joint Meeting of Hungarian, Italian and Polish Pharmacological Societies, Pécs, 1996. (A)
66. Gyurasics, Á. and Gregus, Z.: Hasonlóságok és eltérések az arzén és a szelén biliáris exkréciójában. A Magyar Toxikológusok Társaságának Konferenciája, Balatonfüred, 1996. (O)
67. Gregus, Z., Gyurasics, Á. and Perjési, P.: Miért fokozza a szelén biliáris exkrécióját a brómszulfalein? A Magyar Toxikológusok Társaságának Konferenciája, Balatonfüred, 1996. (O)
68. Gregus, Z.: A glutationnal és a glicinnel való konjugáció szerepe xenobiotikumok detoxikálásában és toxikálásában. A Magyar Toxikológusok Társaságának Konferenciája, Visegrád, 1997. (O)
69. Gyurasics, Á. and Gregus, Z.: Higanytartalmú szerves savak és a metilhigany hatása szelén sorsára patkányban. A Magyar Toxikológusok Társaságának Konferenciája, Visegrád, 1997. (O)
70. Gregus, Z., Fekete, T., Halászi, É., Gyurasics, Á. and Klaassen, C.D.: Effect of fibrates on glycine conjugation of benzoic acid in rats. 36th Annual Meeting of the Society of Toxicology, Cincinnati, OH, (P); Toxicologist 36: 311, 1997. (A)
71. Perjési, P., Gyurasics, Á. and Gregus, Z.: Why does sulfobromophthalein (BSP) enhance the biliary excretion of selenium? 37th Annual Meeting of the Society of Toxicology, Seattle, WA, (P); Toxicologist 42: 23, 1998. (A)
72. Gyurasics, Á. and Gregus, Z.: Role of glutathione and methylation in the biliary excretion of selenium. The paradoxical effect of sulfobromophthalein. 37th Annual Meeting of the Society of Toxicology, Seattle, WA, (P); Toxicologist 42: 23, 1998. (A)
73. Gregus, Z., Halászi, É. and Klaassen, CD.: Effect of chlorophenoxyacetic acid herbicides on glycine conjugation of benzoic acid. 37th Annual Meeting of the Society of Toxicology, Seattle, WA, (P); Toxicologist 42: 334, 1998. (A)
74. Gregus, Z., Gyurasics, Á. and Perjési, P.: Selenite metabolites react in vivo with sulfobromophtalein (BSP) to form cholephilic BSP-Se metabolites. VIII. International Congress of Toxicology, Paris (France), July 5-9, 1998. (P)
75. Gyurasics, Á., Perjési P. and Gregus, Z.: Glutathione-dependent biliary excretion of selenium is enhanced paradoxically by sulfobromophtalein. VIII. International Congress of Toxicology, Paris (France), July 5-9, 1998. (P)
76. Gyurasics, Á. and Gregus, Z.: Szervetlen és szerves arzénvegyületek kiválasztása az epébe. A Magyar Toxikológusok Társaságának Konferenciája, Dobogókő, 1998. (O)
77. Gregus, Z. and Gyurasics, Á.: Trimelarsan és melarsoprol metabolitok az epében – részleges GSH-függő biliáris exkréciójuk háttere. A Magyar Toxikológusok Társaságának Konferenciája, Dobogókő, 1998. (O)
78. Gregus, Z. and Gyurasics, Á.: Role of glutathione in the biliary excretion of arsenicals drugs. 38th Annual Meeting of the Society of Toxicology, New Orleans, LA, (P); Toxicologist 48: 390, 1999. (A) (IF.: 1,778)
79. Gyurasics, Á. and Gregus, Z.: Role of glutathione in the biliary excretion of arsenicals drugs. 2nd European Congress of Pharmacology, Budapest, Hungary, July 3-7, 1999. (P)
80. Gregus, Z., Gyurasics, Á. and Csanaky, I.: Biliary and urinary excretion of inorganic arsenic. Identification of methylarsonous acid (MAsIII) as a major biliary metabolite in rats. 6th Meeting of the Central Regional Section of SECOTOX, Balatonföldvár, 1999. (A)
81. Gyurasics, Á. and Gregus, Z.: Organic arsenical drugs enhance the elimination of selenium in rats. 6th Meeting of the Central Regional Section of SECOTOX, Balatonföldvár, 1999. (A)

82. Csanaky, I. and Gregus, Z.: Effect of sodium selenite on the biotransformation and excretion of inorganic arsenic in rats. 6th Meeting of the Central Regional Section of SECOTOX, Balatonföldvár, 1999. (A)
83. Csanaky, I. and Gregus, Z.: Foszfát analóg gyógyszerek, valamint az entacapone hatása az arzenát és arzenit biotranszformációjára patkányokban. A Magyar Toxikológusok Társaságának Konferenciája, Balatonkenese, 2000. (O)
84. Németi, B. and Gregus, Z.: Májmitokondriumok, mint az arzenátot arzenitté redukáló reaktorok. A Magyar Toxikológusok Társaságának Konferenciája, Balatonkenese, 2000. (O)
85. Gregus, Z., Gyurasics, Á. and Csanaky, I.: Biliary and urinary excretion of inorganic arsenic. Identification of methylarsonous acid (MAsIII) as a major biliary metabolite in rats. 6th International Symposium on Metal Ions in Biology and Medicine, San Juan, Puerto Rico, 2000. (P)
86. Gregus, Z., Gyurasics, Á., Csanaky, I. and Pintér, Z.: Effect of methylmercury (MM) and organic acid mercurials on disposition of exogenous selenium (Se) in rats. 40th Annual Meeting of the Society of Toxicology, San Francisco, CA, (P); Toxicologist 60: 357, 2001. (A) (IF.: 2,734)
87. Csanaky, I., Németi, B. and Gregus, Z.: Az arzenit dózisfüggő biotranszformációja patkányban – nem az *S*-adenozil-metionin depléció okozza a metiláció csökkenését. A Magyar Toxikológusok Társaságának Konferenciája, Eger, 2001. (O)
88. Németi, B. and Gregus, Z.: Az arzenát redukciója patkánymáj posztmitokondriális frakcióiban: citoszólbeli enzimet, tiolt és purin nukleozidot igénylő folyamat. A Magyar Toxikológusok Társaságának Konferenciája, Eger, 2001. (O)
89. Gregus, Z. and Németi, B.: Purin-nukleozid-foszforiláz mint a citoszólbeli arzenát reduktáz. A Magyar Toxikológusok Társaságának Konferenciája, Eger, 2001. (O)
90. Gregus, Z.: Arzénvegyületek biotranszformációja. Újdonság egy ősi méregről. PTE ÁOK, Szakosztály, 2001. (O)
91. Csanaky, I., Németi, B. and Gregus, Z.: Dose-dependent biotransformation of arsenite in rats - not *S*-adenosylmethionine (SAM) depletion impairs arsenic methylation at high dose. 41st Annual Meeting of the Society of Toxicology, Nashville, TN, 2002 (P); Toxicologist 66: 83, 2002. (A) (IF.: 3,367); EUROTOX 2002, Budapest, 2002 (P); Toxicol. Lett. 135: S60, 2002. (A) (IF.: 2,242)
92. Schweibert, I., Németi, B. and Gregus, Z.: Mitochondria work as reactors in reducing arsenate to arsenite. 41st Annual Meeting of the Society of Toxicology, Nashville, TN, 2002 (P); Toxicologist 66: 83, 2002. (A) (IF.: 3,367); EUROTOX 2002, Budapest, 2002 (P); Toxicol. Lett. 135: S61, 2002. (A) (IF.: 2,242)
93. Németi, B. and Gregus, Z.: Rat liver cytosol reduces arsenate to arsenite in thiol- and purine nucleoside-dependent manner. 41st Annual Meeting of the Society of Toxicology, Nashville, TN, 2002 (P); Toxicologist 66: 83, 2002. (A) (IF.: 3,367); EUROTOX 2002, Budapest, 2002 (P); Toxicol. Lett. 135: S61, 2002. (A) (IF.: 2,242)
94. Gregus, Z. and Németi, B.: Purine nucleoside phosphorylase (PNP) as a cytosolic arsenate reductase. 41st Annual Meeting of the Society of Toxicology, Nashville, TN, 2002 (P); Toxicologist 66: 84, 2002. (A) (IF.: 3,367); EUROTOX 2002, Budapest, 2002 (P); Toxicol. Lett. 135: S61, 2002. (A) (IF.: 2,242)
95. Gregus, Z. and Németi, B.: Enzymatic reduction of arsenate in hepatic mitochondria and cytosol. 5th International Conference on Arsenic Exposure and Health Effects, San Diego, CA, 2002. (O)
96. Gregus, Z. and Csanaky, I.: Effect of selenite on the disposition of arsenate and arsenite in rats. 42nd Annual Meeting of the Society of Toxicology, Salt Lake City, UT, 2003. (P); Toxicologist 72: S-1, 2003. (A) (IF.: 3,067)
97. Gregus, Z.: Bevezetés: Transzport és transzporterek madártávlatból. A Magyar Toxikológusok Társaságának Konferenciája, Zalakaros, 2003. (O)
98. Csanaky, I., Németi, B. and Gregus, Z.: Fenobarbitál előkezelés hatása az arzenát (AsV) és arzenit (AsIII) metabolizmusára és kiválasztására patkányban. A Magyar Toxikológusok Társaságának Konferenciája, Zalakaros, 2003. (O)
99. Németi, B., Csanaky, I. and Gregus, Z.: Az arzenát redukciója emberi vörösvértestekben és patkányban – A purin nukleozid foszforiláz szerepe. A Magyar Toxikológusok Társaságának Konferenciája, Zalakaros, 2003. (O)
100. Csanaky, I. and Gregus, Z.: Role of glutathione (GSH) in the disposition of arsenate (As^V) in rats. 8th International Symposium on Metal Ions in Biology and Medicine, Budapest, 2004. (P); 10th International Congress of Toxicology, Tampere, 2004. (P); Toxicol. Appl. Pharmacol. 197: 191, 2004. (A) (IF.: 2,618)

101. Németi, B., and Gregus, Z.: Reduction of arsenate in human erythrocytes. 8th International Symposium on Metal Ions in Biology and Medicine, Budapest, 2004. (P); 10th International Congress of Toxicology, Tampere, 2004. (P); Toxicol. Appl. Pharmacol. 197: 194, 2004. (A) (IF.: 2,618)
102. Gregus, Z., Csanaky, I. and Németi, B.: Effect of phenobarbital on the disposition of arsenate and arsenite in rats. 10th International Congress of Toxicology, Tampere, 2004. (P); Toxicol. Appl. Pharmacol. 197: 192, 2004. (A) (IF.: 2,618)
103. Csanaky, I. and Gregus, Z.: A glutation (GSH) és a γ-glutamiltranszpeptidáz (GGT) szerepe patkány arzenát (As^{V}) és arzenit (As^{III}) metabolizmusában. A Magyar Toxikológusok Társaságának Konferenciája, Harkány, 2004. (O)
104. Németi, B. and Gregus, Z.: Az arzenát redukciója emberi vörösvértestekben. A Magyar Toxikológusok Társaságának Konferenciája, Harkány, 2004. (O)
105. Gregus, Z. and Németi, B.: Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) as an arsenate reductase in human red blood cells (hRBC) and rat liver cytosol (rLC). 44th Annual Meeting of the Society of Toxicology, New Orleans, LA, 2005. (P); Toxicologist 84: 31, 140P, 2005. (A) (IF.: 3,088)
106. Németi, B. and Gregus, Z.: Reduction of arsenate by human erythrocyte (RBC) lysate and rat liver cytosol (CS) is linked to glycolysis. 44th Annual Meeting of the Society of Toxicology, New Orleans, LA, 2005. (P); Toxicologist 84: 31-32, 149P, 2005. (A) (IF.: 3,088)
107. Németi, B. and Gregus, Z.: Glyceraldehyde-3-phosphate dehydrogenase fortuitously works as arsenate reductase in human erythrocytes and rat liver cytosol. Magyar Kísérletes és Klinikai Farmakológiai Társaság Experimentális Farmakológiai Szimpóziuma, Budapest, 2005. (O)
108. Németi, B. and Gregus, Z.: Az arzenát redukciója emberi vörösvértestek lizátumában és patkánymáj citoszólban: kapcsolat a glikolízissel. A Magyar Toxikológusok Társaságának Konferenciája, Galyatető, 2005. (P)
109. Gregus, Z. and Németi, B.: A glicerinaldehid-3-foszfát-dehidrogenáz arzenát-reduktázként is működik az emberi vörösvértestekben és a patkánymáj citoszólban. A Magyar Toxikológusok Társaságának Konferenciája, Galyatető, 2005. (P)
110. Gregus, Z., Csanaky, I. and Németi, B.: Effect of an inactivator of glyceraldehyde-3-phosphate dehydrogenase (GAPDH), a fortuitous arsenate reductase, on dispositon of arsenate in rats. 45th Annual Meeting of the Society of Toxicology, San Diego, CA, 2006. (P); Toxicologist 90: 439, 2006. (A) (IF.: 3,598)
111. Németi, B., Csanaky, I. and Gregus, Z.: Effect of an inactivatior of glyceraldehyde-3-phosphate dehydrogenase (GAPDH), a fortuitous arsenate reductase, on disposition of arsenate in rats. 16th International Symposium on Microsomes and Drug Oxidations (MDO 2006), Budapest, 2006. (P)
112. Németi, B., Csanaky, I. and Gregus, Z.: Szerepet játszik-e a glicerinaldehid-3-foszfát-dehidrogenáz az arzenát in vivo redukciójában?. A Magyar Toxikológusok Társaságának Konferenciája, Galyatető, 2006. (O)
113. Németi, B., and Gregus, Z.: Arsenate reduction by glycogen phosphorylase. I. Ingredients of the reaction. 46th Annual Meeting of the Society of Toxicology, Charlotte, NC, 2007. (P); Toxicologist 96: 306, 2007. (A) (IF.: 3,814)
114. Gregus, Z., and Németi, B.: Arsenate reduction by glycogen phosphorylase. II. Effect of enzyme inhibitors. 46th Annual Meeting of the Society of Toxicology, Charlotte, NC, 2007. (P); Toxicologist 96: 306, 2007. (A) (IF.: 3,814)
115. Németi, B., and Gregus, Z.: Glikogén-foszforiláz mint glutationfüggő arzenát-reduktáz - A glikogén lebontásához kapcsolódó folyamat. A Magyar Toxikológusok Társaságának Konferenciája, Eger, 2007. (P)
116. Gregus, Z., and Németi, B.: Glikogén-foszforiláz mint glutationfüggő arzenát-reduktáz - Az enzim gátlóinak hatása. A Magyar Toxikológusok Társaságának Konferenciája, Eger, 2007. (P)
117. Gregus, Z., and Németi, B.: Thiol-supported arsenate reduction coupled to arsenolysis catalyzed by phosphotransacetylase, a bacterial enzyme. Arsenic in the environment: Arsenic from nature to humans, 2nd International Congress, Valencia, 2008. (P)
118. Németi, B., and Gregus, Z.: Thiol-supported arsenate reduction coupled to arsenolysis catalyzed by ornithine carbamoyltransferase. Arsenic in the environment: Arsenic from nature to humans, 2nd International Congress, Valencia, 2008. (P)
119. Németi, B., and Gregus, Z.: Az arzenát mitokondriális redukcióját arzenolitikus reakcióhoz kapcsoltan az ornitin-karbamoil-transzferáz is képes támogatni. A Magyar Toxikológusok Társaságának Konferenciája, Sopron, 2008. (P)

120. Gregus, Z., and Németi, B.: A bakteriális foszfotranszacetiláz is képes tiol-függő arzenát redukciót mediálni az enzim-katalizált arzenolitikus reakcióhoz kapcsoltan. A Magyar Toxikológusok Társaságának Konferenciája, Sopron, 2008. (P)
121. Németi, B., and Gregus, Z.: Mechanism of arsenate reduction by phosphorolytic enzymes. I. The role of arsenolysis. 48th Annual Meeting of the Society of Toxicology, Baltimore, MD, 2009. (P); Tox. Sci. 108(S): 368, 2009. (A) (IF.: 4,814)
122. Gregus, Z., Németi, B., and Roos, G.: Mechanism of arsenate reduction by phosphorolytic enzymes. II. Reduction of the arsenylated products by thiols. 48th Annual Meeting of the Society of Toxicology, Baltimore, MD, 2009. (P); Tox. Sci. 108(S): 368, 2009. (A) (IF.: 4,814)
123. Gregus, Z., and Németi, B.: Foszforolitikus – arzenolitikus anzimek az arzenátot arzenitté redukálják,- de hogyan? A Magyar Toxikológusok Társaságának Konferenciája, Galyatető, 2009. (O)
124. Gregus, Z., Németi, B., and Tortora, P.: Polynucleotide phosphorylase (PNPase) and ATP synthase promote reduction of arsenate (AsV) by glutathione (GSH) via forming AMP-AsV and ADP-AsV, respectively. 49th Annual Meeting of the Society of Toxicology, Salt Lake City, UT, 2010. (P); Tox. Sci. 114(S): 202, 2010. (A) (IF.: 5,093)
125. Németi, B., and Gregus, Z.: Az arzenát redukciója a glutation-szintetáz közreműködésével. A Magyar Toxikológusok Társaságának Konferenciája, Sümeg, 2011. (P)
126. Gregus, Z., Németi, B., and Anderson, M.E.: Glutathione synthetase (GS) promotes the reduction of arsenate (As^V) by glutathione (GSH) via arsenolysis of GSH. 51st Annual Meeting of the Society of Toxicology, San Francisco, CA, 2012. (P); Toxicologist 126: 314, 2012. (A) (IF.: 4,328)
127. Németi, B., and Gregus, Z.: A dimetilarzenát redukciója szupertoxikus három vegyértékű származékká - a glutation és a glutation-s-transzferáz-omega szerepe. A Magyar Toxikológusok Társaságának Konferenciája, Hévíz, 2012. (P)
128. Gregus, Z., and Németi, B.: Reduction of dimethylarsenate to the supertoxic dimethylarsenite by rats and rat liver cytosol. 52nd Annual Meeting of the Society of Toxicology, San Antonio, TX, 2013. (P); Toxicologist 132: 488, 2013. (A) (IF.: 4,478)
129. Németi, B., and Gregus, Z.: Reduction of dimethylarsinic acid in rats liver cytosol – role of thioredoxin reductase. 53rd Annual Meeting of the Society of Toxicology, Phoenix, AZ, 2014. (P); Toxicologist 138: 349, 2014. (A) (IF.: 4,478*)
130. Gregus, Z., and Németi, B.: Reduction of dimethylarsenate to dimethylarsenite by rat liver cytosol: further characterization. 53rd Annual Meeting of the Society of Toxicology, Phoenix, AZ, 2014. (P); Toxicologist 138: 350, 2014. (A) (IF.: 4,478*)