

Educational and Editorial Articles:

Krynetskiy E. Pharmacogenomics of simple repeats: How do you solve a problem like VNSR? J. Pharmacogenomics Pharmacoproteomics 2014, 5: 6 <http://dx.doi.org/10.4172/2153-0645.1000e139>

Krynetskiy E. Institutional Profile: Jayne Haines Center for Pharmacogenomics and Drug Safety: educating future generations of healthcare professionals. Pharmacogenomics. 2013, 14(5):465-8. PMID: 23556444

Krynetskiy, E. At the Origin of a Never-ending Story. J Pharmacogenomics Pharmacoproteomics 2012, 3:1.

Krynetskiy, E., and Calligaro, I.L. Introducing Pharmacy Students to Pharmacogenomic Analysis. Am. J. Pharm. Education (2009) 73 (4) article 71.

Book Chapters and Reviews:

Krynetskiy E. and McDonnell P. Building Individualized Medicine: Prevention of Adverse Reactions to Warfarin Therapy. Journal of Pharmacology and Experimental Therapeutics (invited review) 322 (2):427-434 (2007).

Krynetskiy E, McDonald OG, Dervieux T, Evans WE. Molecular diagnostics of thiopurine S-methyltransferase deficiency in cancer drug therapy. In: Wong SH, Linder MW, Valdes R Jr., eds. Pharmacogenomics and proteomics: enabling the practice of personalized medicine. Washington, DC: AACCC Press, 2006: 251-8.

Krynetskiy EY, Evans WE. Closing the gap between science and clinical practice: the thiopurine S-methyltransferase polymorphism moves forward. Pharmacogenetics 14 (7): 407-417 (2004).

PEER-REVIEWED PUBLICATIONS (for last 10 years; total published 93):

McDevitt, J., Tierney, R., Phillips, J., Gaughan, J., Torg, J. S., Krynetskiy, E. (2015) Association between GRIN2A Promoter Polymorphism and Recovery from Concussion. Brain Injury (in press).

McDevitt, J., Tierney, R., Phillips, J., Gaughan, J., Torg, J. S., Krynetskiy, E. (2014). Supporting the concept of genetic predisposition to prolonged recovery following a concussion. Orthopaedic Journal of Sports Medicine, 2(Suppl. 2), 1–2. doi:10.1177/2325967114S00078

Precht JC, Schroth W, Klein K, Brauch H, Krynetskiy E, Schwab M, Murdter TE. The Letrozole Phase 1 Metabolite Carbinol as a Novel Probe Drug for UGT2B7. Drug Metab Dispos. (2013) 41(11): 1906-13. doi: 10.1124/dmd.113.053405. PMID: 23965986

Anis MM, Zhao Z, Khurana J, Krynetskiy E, Soliman AM. Translational genomics of acquired laryngotracheal stenosis. *Laryngoscope*. 2013 Aug 14. doi: 10.1002/lary.24382. [Epub ahead of print] PMID:23946168

Krynetskiy E, Mishra A, Rua M, Abdullah S, Gaughan J, Chuai S, Thomasson A, Braverman A, Pontari M. Assessment of candidate gene polymorphisms as biomarkers for pelvic pain syndrome. *Universal Journal of Pharmacy* (2013) 02 (06): 57-63.

Qiang Lou, Henry P. Parkman, Michael R. Jacobs, Evgeny Krynetskiy, Zoran Obradovic: Exploring genetic variability in drug therapy by selecting a minimum subset of the most informative single nucleotide polymorphisms through approximation of a Markov blanket in a kernel-induced space. *CIBCB* 2012: 156-163

Parkman HP, Mishra A, Jacobs M, Pathikonda M, Sachdeva P, Gaughan J, Krynetskiy E. Clinical response and side effects of metoclopramide: associations with clinical, demographic, and pharmacogenetic parameters. *J Clin Gastroenterol*. 2012 Jul;46(6):494-503.

Wang D, Parkman HP, Jacobs MR, Mishra AK, Krynetskiy E, Obradovic Z. DNA microarray SNP associations with clinical efficacy and side effects of domperidone treatment for gastroparesis. *J Biomed Inform*. 2011 Dec 6. [Epub ahead of print] PMID: 22179054

McDevitt, J.K.; Tierney, R. T.; Mansell, J.; Driban, J.; Higgins, M.; Toone, N.; Mishra, A.; Krynetskiy, E. Neuronal structural protein polymorphism and concussion in college athletes. *Brain Injury* 2011 25(11):1108-13.

H.P. Parkman, M.R. Jacobs, A. Mishra, J.A. Hurdle, P. Sachdeva, J.P. Gaughan, E. Krynetskiy. Domperidone Treatment for Gastroparesis: Demographic and Pharmacogenetic Characterization of Clinical Efficacy. *Digestive Diseases and Science* 2011 56 (1): 115-24.

R. Tierney; J.L Mansell; M. Higgins; J. K McDevitt; N. Toone; J. P Gaughan; A. Mishra; E. Krynetskiy. Apolipoprotein E Genotype and Concussion in College Athletes. *Clinical Journal of Sport Medicine* 2010 20 (6) 464-8.

Mansell J, Tierney RT, Driban J, Clegg S, Higgins M, Mishra A, Krynetskiy E. Genetic variation and individualized medicine. *Journal of Sport Rehabilitation* 2010 19 (4): 389-98.

N. Patel-Shori, A. Mishra, M. Ajua-Alemanji, E. Hoxha, K. Bykov, M. R. Jacobs, P. McDonnell, J. P. Gaughan, R. Rubin, J. Woodward, E. Krynetskiy. Informative SNPs associated with warfarin dose requirement in ethnically diverse population. *Der Pharmacia Lettre* (2010) 2(4): 525-538.

Samochatova EV, Chupova NV, Rudneva A, Makarova O, Nasedkina TV, Fedorova OE, Glotov AS, Kozhekbaeva Zh, Maiorova OA, Roumyantsev AG, Krynetski EY, Krynetskaia NF, Evans WE, Ribeiro RC. TPMT genetic variations in populations of the Russian Federation. *Pediatr Blood Cancer*. 2009 52(2):203-8.

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