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**Associate Professor – Department of Obstetrics and Gynecology
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Specialty	Maternal-Fetal Pharmacology and Bio-Development Laboratories
Education	Minsk State Medical Institute, Minsk, Belarus , DDS 1984-1989 Minsk State Medical Institute, Minsk, Belarus , PhD 1989-1992
Fellowship	University of Missouri-Kansas City, Kansas City, Missouri, Division of Pharmacology, School of Pharmacy 1999-2002 University of Texas Medical Branch, Department of Obstetrics & Gynecology, Division of Maternal-Fetal Medicine, Galveston, TX 2002-2003
Research Interests	Pharmacokinetics of medications during pregnancy; Identification and characterization of placental metabolizing enzymes and transporters; Development of an animal model to study drug disposition during pregnancy; Development an in vitro model of trophoblast cultures to study the barrier and protective functions of human placenta; Development of LC-MS methods for separation and extraction of drugs from biological fluids and tissue.
National Organizations	American Society for Pharmacology and Experimental Therapeutics (ASPET), The College on Problems of Drug Dependence (CPDD), American Association of Pharmaceutical Scientists (AAPS)
Honors	First Prize for Excellence in Basic Science Research, UTMB Center for Interdisciplinary Research in Women's Health – 2003
Grants	09/30/10- 06/30/15-Translational PI (1R01DA030998) Bupropion for Smoking Cessation During Pregnancy. 07/01/04-04/30/14-Co-PI (U10 HD047891) Obstetrics-Fetal Pharmacology Research Units Network 09/30/07-08/31/13- PI (1R01 DA024093-01) Development of Bupropion for Smoking Cessation During Pregnancy 07/01/01-06/30/12- Co-PI (2R01 DA013431) Development of Medications for the Pregnant Opiate Addict 09/01/09-04/30/10-Co-PI (3U10 HD047891-0552) Obstetric-Fetal Pharmacology Research Units Network-Pharmacokinetics of Tamiflu in Pregnancy and its Placental Transfer 05/01/05-08/03/06-PI (U10 HD047891) Obstetric-Fetal Pharmacology Research Units Network-Administrative Supplement

[Selected Publications in Pub Med \(click here\)](#)

1. Rytting E, **Nanovskaya TN**, Wang X, Vernikovskaya DI, Clark SM, Cochran M, Abdel-Rahman SM, Venkataramanan R, Caritis SN, Hankins GD, Ahmed MS. Pharmacokinetics of Indomethacin in Pregnancy. *Clin Pharmacokinet.* (2014)
2. Wang X, Rytting E, Abdelrahman DR., **Nanovskaya TN**, Hankins GDV, Ahmed MS. Quantitative determination of famotidine in human maternal plasma, umbilical cord plasma and urine using high-performance liquid chromatography-mass spectrometry. *Biomedical Chromatography*. Published online, DOI 10.1002/bcm.2873. (2013)
3. Wang X, Vernikovskaya DI, **Nanovskaya TN**, Rytting E, Hankins GDV, Ahmed MS. A liquid chromatography method with single quadrupole mass spectrometry for quantitative determination of indomethacin in maternal plasma and urine of pregnant patients. *Journal of Pharmaceutical and Biomedical Analysis.* 78-79:123-28. (2013)
4. Wang X, Vernikovskaya DI, Abdelrahman DR, Hankins GDV, Ahmed MS and **Nanovskaya TN**. Simultaneous quantitative determination of bupropion and its three major metabolites in human umbilical cord plasma and placental tissue using high-performance liquid chromatography-tandem mass spectrometry. *J. Pharm. Biomed. Anal.* 70:320-9. (2012)