

MAIN PUBLICATIONS:

1. **Kuznyetsov V**, Kuznyetsova I, Chmura M, Verlinsky Y: Duplication of the sperm genome by human androgenetic embryo production: towards testing the paternal genome prior to fertilization. *Reproductive BioMedicine Online* 14: 504-514, 2007
2. Shkumatov A, **Kuznyetsov V**, Cieslak J, Ilkevitch Y, Verlinsky Y: Obtaining metaphase spreads from single blastomeres for PGD of chromosomal rearrangements. *Reproductive BioMedicine Online* 14: 498-503, 2007
3. Shkumatov A, Cieslak-Janzen J, **Kuznyetsov V**, Ilkevitch Y, Verlinsky Y: O-136 Preimplantation genetic diagnosis of chromosome rearrangements by analysis of metaphase spreads obtained after selective embryo biopsy on day 3. *Fertility and Sterility* 86: S57-S58, 2006
4. **Kuznyetsov V**, Verlinsky Y: Development of preconception testing for paternally derived mutations by sperm duplication (Abstract). 6th International Symposium on Preimplantation Genetics, London, 2005, 48
5. Cieslak JM, Lavin C, Galat V, **Kuznyetsov V**, Kuliev A, Verlinsky Y: Clinical outcome of preimplantation genetic diagnosis for chromosome translocations. *Fertility and Sterility* 82, Sup.2:S28-S29, 2004 (Abstract, ASRM Meeting)
6. Verlinsky Y, Lerner S, Ilkevitch N, **Kuznetsov V**, Kuznetsova I, Cieslak J, Kuliev A: Is there any predictive value of first polar body morphology for embryo genotype or developmental potential? *Reproductive BioMedicine Online* 7:336-341, 2003
7. Kuznyetsova I, **Kuznyetsov V**, Lukashenko E: Parthenogenetic activation of cow oocytes with ethanol (Russian). *Cytology and Genetics* 34,1:57-64, 2000
8. Kuznyetsova I, **Kuznyetsov V**, Kovtun S: Effect of different factors on the *in vitro* development potential of bovine embryos (Russian). *Biopolymers and cell* 15,1:49-56, 1999
9. **Kuznyetsov V**, Basovsky D, Tkachenko S: Production of clones of mammalian embryos by nuclear transfer technique (Ukrainian). *Bulletin of Bela Tserqua Agrarian University* 4,1: 258-263, 1998
10. Smor g Z, Gogol P, **Kuznetsov V**: Effect of ovum pick-up technique on following *in vitro* developmental potential of aspirated immature cow oocytes (Polish): *Biotechnology* 2, 41: 153-160, 1998
11. Zubets M, Burkat V, **Kuznyetsov V**, Elizarova I, Shekhovtsov S, Shekhovtsova E: Production of monozygotic twins after microsurgical embryo splitting (Ukrainian). *Bulletin of Agrarian Science* 8:57-59, 1994
12. **Kuznyetsov V**, Elizarova I: Parthenogenetic activation of *in vitro* matured cow oocytes (Russian). *Ontogenesis* 23,6:650-653, 1992

13. Redina O, Amstislavsky S, Maksimovsky L, **Kuznyetsov V**, Elizarova, I: PMSG-induction of superovulation in mice and hamsters at different phases of estral cycle (Russian). Siberian biological journal 2:24-28, 1992.
14. **Kuznyetsov V**: Bovine morula and blastocyst microsurgical splitting followed by their gender detection (Russian). Cytology and Genetics 25,1:11-13, 1991

Book Chapters:

15. **V.Kuznyetsov** is one of the contributors to "Atlas of Preimplantation Genetic Diagnosis" by Verlinsky Y, Kuliev AM, An Illustrated Textbook. Second Edition. Taylor & Francis. A Parthenon Book, London and New York, 2005
16. **Kuznyetsov V** Biotechnology in animal breeding (Ukrainian): Chapter in the book "Genetics and Selection in Ukraine between centuries", Ukrainian society of geneticists and breeders, ed.V.Morgun, Kiev, 2001: 31-51
17. **Kuznyetsov V**: Biotechnology in cattle breeding (Russian): Chapter in the book Zubets M et al. "Genetics, Selection and Biotechnology in Animal Breeding", Kiev, 1997: 599-702