

Professor Assoc MD PhD Branka Nikolic

Paper title

Role of open discussion about possibilities and usefulness of collecting and preserving cord blood stem cells after delivery

Abstract

Necessity of organising national open forum to discuss about usefulness and importance of collecting and preserving stem cells from cord blood after birth.

Stem cells are pluripotent cells capable of differentiation and could be useful in the potential application as cell replacement therapy.

Further development of research in human cells could possibly give more answers in cancer investigations and cancer therapy.

Hormone replacement therapy is accepted but with continuous control and serious checking.

In some countries cord blood stem cells are collected and preserved in special blood banks according to the rules.

In the case that Paneuropean stem Cell Bank exists three most important questions could get the answers:

1. Who can get stem cells as replacement therapy in blood malignancies? Everyone if necessary or only donors (cord blood after delivery)

2. Under which conditions people who are not donors could get stem cells if necessary?

3. How to stimulate more parents to decide to collect and preserve cord blood of their newborns?

Biography

Major Areas of Interest:

Gestational trophoblastic neoplasms, Gynecology and Obstetrics

EDUCATION

1999 - Ph.D. at University of Belgrade- Medical Faculty (Dissertation: "Significance of the early prenatal ultrasonographic diagnosis of pathoanatomical alterations of fetal on the central nervous system for adequate attitude and procedure during pregnancy")

1982 - MA at University of Belgrade- Center of Multidisciplinary Sciences (Thesis: "The state of the newborn in the moment of delivery, during early neonatal period and one year after delivery in labours completed by vacuum extractor" becoming a Master in science of Neurobiology.

1981 - BA at University of Belgrade, Medical Faculty,

1974 - High School Diploma from Belgrade),

PROFESSIONAL APPOINTMENTS

currently- Associate Professor (Docent) at the Medical Faculty -Cathedra for Obstetrics and Gynecology, Belgrade, Serbia

currently--Deputy Chief of Cathedra for Postgraduated studies in OBS and Gyn -Medical Faculty, University of Belgrade from

currently: Coordinator of School of reproductive Health Development and Family Planning - Center for Continuing Medical Education -Medical Faculty Belgrade, Serbia

currently- Head of Department of Gynecology Obs/Gyn Clinic "Narodni front" Belgrade, Serbia

currently- Reviewer in the International Journal of Gynecological Cancer

currently- Reviewer in the Vojnosanitetski pregled (Medline)

1993 - Assistant Professor -Medical Faculty, University of Belgrade, Yugoslavia

RESEARCH AND PROJECTS

-currently - External Expert European Union 6th Framework- Health , Research and Development, Quality of Life and Living Resources EX 2002BO13750 (Brussels)

-currently- INTAS projects evaluator 2002-2007.

-currently - Medical advisor in USAID Reproductive health development and Family planning programme in Western Serbia from 2003

currently- Coordinator of School for Reproductive Health development and Family planning – Centre for continuing medical education Medical faculty University of Belgrade

1998-2002 -External Expert European Union 5th Framework -Health , Research and Development , Quality of Life and Living Resources EE19982B01669 (Brussels)

PROJECTS:

currently- Randomized Phase III Study of Lipoplatin+Paclitaxel versus Cisplatin as Front Line of Treatment of Advanced Epithelial Ovarian Cancer (EOC) , Regulon –Athens, Greece, Regulon- Harvard -USA , Zurich, Belgrade-Serbia , Branka Nikolic –Principal Investigator

currently- Cytological, immunohistochemical and clinical investigations of vascular remodeling in vascular diseases and angiogenesis 145074 Ministry of Science and Health Republic of Serbia

currently- 2004-2006 Immunohistochemical characteristics in blood vessels diseases 1-333 Ministry of Science and Health Republic of Serbia

1995-1999- Doppler ultrasonography in detection of ovarian carcinomas TSI 72 - Federal Ministry of health and Environment , Yugoslavia

1990- 1993Development of thalamocortical relation in men (USA- Department of health and Human services) INSERM –France, Institute for Biological Research “Dr Sinisa Stankovic” Belgrade, Obs/Gyn Clinic “Narodni front” Belgrade , Yugoslavia

1989-1992- Development of the catecholamine innervation in the brain of human embryos and fetuses (USA- Department of health and Human services) , Institute for Biological Research “Dr Sinisa Stankovic” Belgrade, Obs/Gyn Clinic “Narodni front” Belgrade , Yugoslavia

1988-1992 -Perinatal origine of cerebral function damages-neurobiology aproach (multicentric interrepublic project)Serbia , Croatia , Slovenia-Yugoslavia

SCIENTIFIC AND SOCIAL WORKS

-published 148 scientific works.

Books:

- Author- Conservative treatment in Gynecology and Obstetrics published in1998 , Belgrade, Yugoslavia

-Coauthor - Urological Gynecology published in 2001 DSIR Bakar Bor, Yugoslavia

-Coauthor- Gynecology, published in 2005 Elit Medica Belgrade. Serbia and Montenegro

2006- ENWISE Conference Vienna - European Commission Delegate

2004 - ENWISE Conference Tallin –Estonia - European Commission Delegate

2004- Human Genetic Testing , 5th Global Forum on Bioethics in Research and Development , Paris, France - European ,Commission delegate

2002 - ENWISE Conference Budapest - European Commission Delegate

-currently- Member of the European Society for Menopausis and Andrology

-curently- Member of EUROSCIENCE

-currently- Vice President of Multidisciplinary Menopausal and Andropausal Society

-currently- Member of the Yugoslavian society for ultrasound in Obs and Gynecology

Institutional affiliation

Head of Dept of Gynecology Obs/Gyn Clinic “Narodni front”
Medical Faculty Belgrade