

Personal Information		Prof. Dr. Miodrag Stojkovic
Date of birth	05/07/1964	
Place of birth	Leskovac, Serbia	
e-mail	mstojkovic@spebo.co.rs	
Spoken and/or written languages	English, German, Macedonian and Serbian (mother language).	
Citizenships	Serbian and German.	
Other information	Married, mobile and ready to be relocated after three months period of notice.	

Career Objective

To progress, to surpass, and to establish myself in a dynamic organization where my experiences, my engagement and my academic background provide me to make a positive contribution to your institution.

Professional Experiences

July 2010	President of Board Institute of Molecular Genetics and Genetic Engineering (IMGGI) Belgrade, Serbia
April 2008	Founder of Spebo and Spebo Medical, IVF clinic, Leskovac, Serbia
Jan. 2007	Professor , Human Genetics, Medical Faculty, University of Kragujevac, Serbia
Jan. 2006- March 2010	Deputy Director. Príncipe Felipe Centro de Investigación (CIPF) Valencia, Spain
Aug. 2005	Chair (Professor) - Embryology and Stem Cell Biology , Responsible for derivation, characterization, differentiation and application of human embryonic stem cells, Centre for Stem Cell Biology and Developmental Genetics, Institute of Human Genetics, University of Newcastle, Newcastle upon Tyne, UK
Sep. 2004	Deputy Director of Centre for Stem Cell Biology and Developmental Genetics, University of Newcastle
Dec. 2003	University Reader in Embryology and Stem Cell Biology Medical School, Institute of Human Genetics, University of Newcastle
Oct. 2002	Senior Research Embryologist and Senior Research Associate Newcastle Fertility Centre at Life (NHS), International Centre for Life, Newcastle
July 2002	C2 position-Private Docent, Head of the IVF Laboratory Department of Molecular Animal Breeding and Biotechnology, Ludwig Maximilian's University (LMU), Munich, Germany
Nov. 1998	C1 position, Post-Doctoral Fellow, Head of the IVF Laboratory Department of Molecular Animal Breeding and Biotechnology LMU, Munich
Sept. 1995	Post-Doctoral Fellow Responsible for in vitro production of animal embryos Department of Molecular Animal Breeding and Biotechnology LMU, Munich

Other Experiences and Achievements

July 2009-Jan. 2012	Editor of STEM CELLS
Oct. 2011	Organizer of Stem Cells Young Investigator Award, Kragujevac, Serbia
Dec. 2010	Serbian Trade Chamber Award for business and medicine
Sept. 2010	Head of national interdisciplinary science committee for biomedicine

Other Experiences and Achievements continuation... Miodrag Stojkovic

Jan. 2010	Member of Serbian public radio and television program board
Sept. 2009	Award Serbian Physiological Society
July 2009	Member of Executive Committee European Society for Human Reproduction (ESHRE)
Sept. 2008	Member of ESHRE
Nov. 2007	COCEMFE Award, Valencia, Spain
Feb. 2006	Founding member of the European Society for Regenerative Medicine (ESRM)
Dec. 2004	Honorary citizen of Leskovac, Serbia
Aug. 2004	First license granted to use nuclear transfer embryos to derive human embryos for derivation of nuclear transfer stem cells
July 2004	TIME magazine: One of 12 global tech influencers
Jan. 2001	Founding Diplomat of the European College of Animal Reproduction (ECAR)
June 2000	Organizer of the International Reproductive Meeting, ARTA in Jena, Germany
June 2000	Winner of the International ARTA award in Jena
Jan. 1995-now	Supervisor of 8 Post-docs, 14 PhD students and 9 technical assistants

Conduct and perform

- Derivation, growth, differentiation, and transplantation of human embryonic and adult stem cells (spinal cord injury model)
- Nuclear transfer technique
- *In vitro* production and micromanipulation of mammalian gametes and embryos
- Biology of mammalian embryos and stem cells
- Reprogramming of adult cells

Professional Experiences continuation...

1991 to 1993	University Hospital of Hamburg Eppendorf (Germany) Male Nurse: Assured patient's care and medication and treated pre and post operation patients.
1990 to 1991	Pharmaceutical Institute Zdravlje Leskovac, Former Yugoslavia Researcher: Investigated and examined new medications (absorption and exsorption).

Academic Formation

Nov. 2010	Member of National Academy of Veterinary Medicine, Serbia
Oct. 2010	Honorary Member of National Academy of Medical Sciences, Serbia
Jan. 2007	Professor , Human Genetics, Medical School, University of Kragujevac, Serbia
April 2006	Visiting Professor , Medical Faculty, University of Pristina, Serbia
Nov. 2005	Visiting Professor , Military Medical Academy (VMA), Belgrade, Serbia
Aug. 2005	Chair (Professor) in Embryology and Stem Cell Biology , Medical school, Centre for Stem Cell Biology and Developmental Genetics,

University of Newcastle, Newcastle upon Tyne, UK

Academic Formation continuation...	Miodrag Stojkovic
July 2005	Visiting Professor , Medical Faculty, University of Kragujevac, Serbia
Dec. 2003	Readership in Embryology and Stem Cell Biology Institute of Human Genetics, University of Newcastle
Apr. 2003	Honorary Research Associate in the School of Surgical and Reproductive Sciences , Faculty of Medical Sciences, University of Newcastle
July 2002	Habilitation (private Docent) , Animal Breeding and Biotechnology, Faculty of Veterinary Medicine, LMU Munich, Germany, Department of Molecular Animal Breeding and Biotechnology, Munich, Germany
1993-1996	PhD Study Thesis: In vitro Production of Bovine Embryos and Trophoblastic Tissue, Prof. Dr. E. Wolf
1993-1995	Veterinary Medicine Equivalent Study LMU, Munich
1984-1990	Veterinary Medicine Diploma University of Belgrade, former Yugoslavia
1981-1983	Male Nurse Diploma , Nursing School, former Yugoslavia

Grants and funding:

Funding of €5.170,000 by Serbian Ministry of Science and Technology. Establishment of Institute for Regenerative Medicine, Medical Faculty, University of Kragujevac. **M. Stojkovic**, P. Stojkovic, N. Arsenijevic, B. Ljuic, M. Lukic.

Funding of €6.000,000 by Spanish CONSOLIDAR. Collaborative project. The Spanish ion channel initiative. Antonio Ferrer Montiel (CO), José Manuel González Ros, Manuel Criado, José Luis Neira, Rosa Planells Cases, Enrique Pérez Payá, Vicente Felipe, **Miodrag Stojkovic**, Andrés Morales, Rafael Luján Miras, Diego Álvarez de la Rosa, Isabel Pérez Otaño, Pilar de la Peña, José A. Lamas, Luis Carlos Barrios Calvo, Diego M.A. Guérin, Rosario González Muñoz, Ángel Messeguer Peypoch, Luis Alfonso de la Cruz, Oscar Millet, Antonio Felipe Campos, Antonio Rodríguez Artalejo, Maria T. Miras Portugal, Ricardo Borges, Alvaro Villarroel, Francisco Ciruela.

Funding of €2.999,879 by EU, FP7. Collaborative Project, HEALTH-2007-1.4-7: Development of stem cell culture conditions. LIV-ES, A. Weber (CO), G. Uzan, C. Guillouzo, R. Pederson, L. Vallier, E. Galun, **M. Stojkovic**, D. Burks, P. Bouillé, T. Tuuri, A. Urti. (approved).

Funding of €217,800 by Ministerio de Educación y Ciencia, Spain: The use of stem cell derived neural progenitors in cell replacement therapy. **M. Stojkovic**. 01/07/2007-01/07/2010.

Funding of €100,000 by Fondation for Development of Serbia: Establishment of IVF clinic and stem cell research. **M. Stojkovic**

Funding of €120,000 by National Investment Program, Serbia: Establishment of IVF clinic and stem cell research. **M. Stojkovic** 01/02/2008

Funding of €67,000 by Instituto de Salud Carlos III (Red temática de investigación cooperativa en Salud). C. Simon, **M. Stojkovic**. 06/11/2007-06/11/2008.

Funding of £261,010 by MRC, UK, Project Grant: Avoiding conflict of interest between IVF and research scientists in human embryonic stem cell derivation. A. Murdoch, E. Heimes, M

Herbert, **M. Stojkovic**, M. Lako, T. Strachan. 01/04/2004-31/03/2007.

Grants and funding continuation:

Miodrag Stojkovic

Funding of £60,000 Discretionary Fund, University of Newcastle, UK: Derivation of hES cell lines. **M. Stojkovic**. 20/02/2004

Funding of £75,000 by OneNorth East Regional Developmental Agency, Project Grant. Improvement of conditions for culture of hESC. T. Strachan, **M. Stojkovic**, M. Lako. 01/06/2003-31/05/2004.

Funding of £312,000 by BBRSC Project Grant: Impacts of *TERT* expression on the characteristics of hESC. M. Lako, T. Strachan, **M. Stojkovic**, N. Hole, S. Przyborski. 1/04/2004-31/03/2007.

Funding of £210,032 by MRC, UK, Strategic Grant: Towards derivation of clinical-grade hESC lines. **M. Stojkovic**, M. Lako, A. Murdoch, T. Strachan. 31/03/2004-31/03/2007.

Funding of £140,000 by LRF, Project Grant: Investigation of the haematopoietic differentiation of human ES cells. M. Lako, **M. Stojkovic**, T. Strachan, L. Forrester. 01/08/2004-31/07/2007.

Funding of £255,000 University of Newcastle, UK: Derivation of NT-embryos. **M. Stojkovic**. 15/09/2004.

Funding of £75,000 Medical School, University of Newcastle, UK: hESC biology. M. Lako and **M. Stojkovic**. 08/10/2004.

Funding of £187,000 CELS, Newcastle upon Tyne: Equipment grant. Small item equipment for refurbished new stem cell facilities. **M. Stojkovic** and M. Lako

Funding of £60,000 by OneNorth East Regional Developmental Agency. Consumables for characterisation and differentiation of hESC. **M. Stojkovic** and M. Lako. 17/01/2005-31/03/2005.

Funding of £1,400. Undergraduate Research Bursaries. The Nuffield Foundation. **M. Stojkovic** and L. Pascoe.

Funding of £56,000 by OneNorth East Regional Developmental Agency. Equipment grant. **M. Stojkovic** and M. Lako. 18/07/2005.

Leisure's and Interests

Miodrag Stojkovic

Leisure's: writing for newspapers and reading the books

Interests: Dogs, films, and classical music

List of Publications

Stojkovic M, Wolf E, Büttner M, Berg U, Charpigny G, Schmitt A, Brem, G (1995). Secretion of biologically active interferon tau by in vitro-derived bovine trophoblastic tissue. *Biol Reprod* 53: 1500-1507.

Stojkovic M, Wolf E, Van Langendonck A, Vansteenbrugge A, Charpigny G, Reinaud P, Gandolfi F, Brevini TAL, Mermillod P, Terqui M, Brem G, Massip, A (1997). Correlation between chemical parameters, mitogenic activity, and embryotrophic activity of bovine oviduct-conditioned medium. *Theriogenology* 48: 659-673.

List of Publications continuation ...**Miodrag Stojkovic**

Zakhartchenko V, **Stojkovic M**, Brem G, Wolf E (1997). Karyoplast-cytoplast volume ratio in bovine nuclear transfer embryos: effect on the developmental potential. *Mol Reprod Dev* 48: 332-338.

Wolf E, **Stojkovic M**, Wenigerkind H, Santl B, Prella K, Reichenbach HD, Zakhartchenko V, Schernthaner W, Palma GA, Brem G (1997). Some factors affecting efficiency of in vitro production of bovine embryos and related techniques. In N. Li & Y. Chen (Eds.), (pp. 285-291). Beijing: International Academic publishers (book chapter).

Stojkovic M, Zakhartchenko V, Brem G, Wolf E (1997). Support for the development of bovine embryos in vitro by secretions of bovine trophoblastic vesicles derived in vitro. *J Reprod Fertil* 111(2): 191-196.

Stojkovic M, Büttner M, Zakhartchenko V, Brem G, Wolf E (1998). A reliable procedure for differential staining of in vitro produced bovine blastocysts: comparison of Tissue culture Medium 199 and Menezo's B2 medium. *Anim Reprod Sci* 50: 1-9.

Kölle S, Sinowatz F, Boie G, Palma GA, **Stojkovic M**, Wolf E (1998). Topography of growth hormone receptor expression in the bovine embryo. *Histochem Cell Biol* 109: 417-419.

Santl B, Wenigerkind H, Schernthaner W, Mödl J, **Stojkovic M**, Prella K, Holtz W, Brem G, Wolf E (1998). Comparison of ultrasound-guided vs laparoscopic transvaginal ovum pick-up (OPU) in simmental heifers. *Theriogenology* 50: 89-100.

Bieser B, **Stojkovic M**, Wolf E, Meyer H, Einspanier R (1998). Growth factors and components for extracellular proteolysis are differentially expressed during in vitro maturation of bovine cumulus-oocyte complexes. *Biol Reprod* 59: 801-806.

Durcova-Hills G, Prella K, Müller S, **Stojkovic M**, Motlik J, Wolf E, Brem G (1998). Primary culture of porcine PGCs requires LIF and porcine membrane bound stem cell factor. *Zygote* 6: 271-275.

Schernthaner W, Wenigerkind H, **Stojkovic M**, Palma GA, Mödl J, Wolf E, Brem G (1999). Pregnancy rate after ultrasound-guided follicle aspiration in nonlactating cows from different breeds. *J Vet Med* 46: 33-37.

Zakhartchenko V, Durcova-Hills G, Schernthaner W, **Stojkovic M**, Reichenbach HD, Müller S, Prella K, Steinborn R, Müller M, Wolf E, Brem G (1999). Potential of fetal germ cell for nuclear transfer in cattle. *Mol Reprod Dev* 52: 421-426.

Zakhartchenko V, Durcova-Hills G, **Stojkovic M**, Schernthaner W, Prella K, Steinborn R, Müller M, Brem G, Wolf E (1999). Effects of serum starvation and re-cloning in the efficiency of nuclear transfer using bovine foetal fibroblasts. *J Reprod Fertil* 115: 325-331.

Stojkovic M, Büttner M, Zakhartchenko V, Riedl J, Reichenbach HD, Wenigerkind H, Brem G, Wolf E (1999). Secretion of interferon-tau by bovine embryos in long-term culture: comparison of in vivo derived, in vitro produced, nuclear transfer and demi embryos. *Anim Reprod Sci* 55: 151-162.

List of Publications continuation ...**Miodrag Stojkovic**

Stojkovic M, Motlik J, Kölle S, Zakhartchenko V, Alberio R, Sinowatz F, Wolf E (1999). Cell-cycle control and oocyte maturation: review of literature. *Reprod Dom Anim* 34: 335-342.

Stojkovic M, Zakhartchenko V, Wolf E (1999). In vitro culture of bovine embryos: from co-culture to the serum-free media with the same efficiency. *Mac J Reprod* 5(2): 119-128.

Stojkovic M, Westesen K, Zakhartchenko V, Stojkovic P, Boxhammer K, Wolf E (1999). Coenzyme Q₁₀ in submicron-size dispersion improves development, cell proliferation, and hatching of in vitro produced bovine embryos. *Biol Reprod* 61: 541-547.

Zakhartchenko V, Alberio R, **Stojkovic M**, Prella K, Scherthaner W, Stojkovic P, Wenigerkind H, Wanke R, Duchler M, Steinborn R, Brem G, Wolf E (1999). Adult cloning in cattle: Potential of nuclei from a permanent cell line and from primary cultures. *Mol Reprod Dev* 54: 264-272.

Alberio R, Palma GA, **Stojkovic M**, Brem G, Wolf E (1999). Effects and interactions of bovine growth hormone with FSH on the kinetics of nuclear maturation of bovine oocytes and development of in vitro produced embryos. *Mac J Reprod* 5(2): 129-137.

Alberio R, Motlik J, **Stojkovic M**, Wolf E, Zakhartchenko V (2000). Behavior of M-phase synchronized blastomeres after nuclear transfer in cattle. *Mol Reprod Dev* 57: 37-47.

Suttner R, Zakhartchenko V, Stojkovic P, Müller S, Alberio R, Brem G, Wolf E, **Stojkovic M** (2000). Intracytoplasmic sperm injection in bovine: effects of oocyte activation, sperm pre-treatment and injection technique. *Theriogenology* 54: 935-948.

Steinborn R, Schinogl P, Zakhartchenko V, Achmann R, Scherthaner W, **Stojkovic M**, Wolf E, Müller M, Brem G (2000). Mitochondrial DNA heteroplasmy in cloned cattle produced by fetal and adult cell cloning. *Nature Genet* 25: 255-257.

Wolf E, Scherthaner W, Zakharchenko V, Prella K, **Stojkovic M**, Brem G (2000). Transgenic technology in farm animals – progress and perspectives. *Exp Physiol* 85.6: 615-625.

Laurincik J, Zakhartchenko V, Avery B, **Stojkovic M**, Brem G, Wolf E, Müller M, Hyttel P (2000). Activation of ribosomal RNA genes in pre-implantation in vitro produced and nuclear transfer bovine embryos. *Reprod Dom Anim* 35: 255-259.

Hyttel P, Laurincik J, Zakhartchenko V, **Stojkovic M**, Wolf E, Müller M, Ochs RL, Brem G (2001). Nucleolar protein allocation and ultrastructure in bovine embryos produced by nuclear transfer from embryonic cells. *Cloning* 3: 69-82.

Stojkovic M, Machado SA, Stojkovic P, Zakhartchenko V, Hutzler P, Goncalves PB, Wolf E (2001). Mitochondrial distribution and adenosine triphosphate content of bovine oocytes before and after in vitro maturation: correlation with morphological criteria and developmental capacity after in vitro fertilization and culture. *Biol Reprod* 64: 904-909.

List of Publications continuation ...**Miodrag Stojkovic**

Prelle K*, **Stojkovic M***, Boxhammer K, Motlik J, Ewald D, Arnold GJ, Wolf E (2001). IGF-I and Long R₃-IGF-I differently affect development and messenger RNA abundance for IGF-binding proteins and Type I IGF receptors in in vitro produced bovine embryos. *Endocrinology* 142(9): 1309-1316 (*these two authors equally contributed to the study).

Stojkovic M, Kölle S, Zakhartchenko V, Stojkovic P, Sinowatz F, Wolf E (2001): Effects of estrous cow serum/bovine serum albumin on early cleavage, blastocyst rate, cell number, and ultrastructural configuration of in vitro produced bovine embryos. *Adv Reprod V*: 35-44.

Stojkovic M, Kölle S, Zakhartchenko V, Stojkovic P, Sinowatz F, Wolf E (2001): Effects of estrous cow serum/bovine serum albumin on early cleavage, blastocyst rate, cell number, and ultrastructural configuration of in vitro produced bovine embryos. *Adv Reprod V*: 35-44.

Kölle S, **Stojkovic M**, Prelle K, Waters M, Wolf E, Sinowatz F (2001). Developmental expression and action of growth hormone and its receptor in bovine IVF embryos. *Biol Reprod* 64: 1826-1834.

Freistedt P, **Stojkovic M**, Wolf E (2001). Efficient in vitro production of cat embryos in modified synthetic oviduct fluid medium: effects of season and ovarian status. *Biol Reprod* 65: 301-305.

Freistedt P, Stojkovic P, Wolf E, **Stojkovic M** (2001). ATP-content of non-matured and in vitro matured domestic cat oocytes and different stages of in vitro produced embryos: effects of assisted hatching treatment on the ATP-content and total cell number. *Biol Reprod* 65: 793-798.

Zakhartchenko V, Müller S, Alberio R, Scherthaner W, **Stojkovic M**, Wenigerkind H, Wanke R, Müller M, Wolf E, Brem G (2001). Nuclear transfer in cattle with non-transfected and transfected fetal or cloned transgenic fetal and postnatal fibroblast. *Mol Reprod Dev* 60: 362-369.

Dean W, Santos F, **Stojkovic M**, Zakhartchenko V, Walter J, Wolf E, Reik W (2001). Conservation of methylation reprogramming in mammalian embryos: aberrant reprogramming in cloned embryos. *Proc Natl Acad Sci USA* 98(24): 13734-13738.

Brüggerhoff K, Zakhartchenko V, Wenigerkind H, Reichenbach HD, Prelle K, Scherthaner W, Alberio R, Küchenhoff H, **Stojkovic M**, Hiendleder S, Wolf E (2002). Bovine somatic cell nuclear transfer using recipient oocytes recovered by ovum pick-up: effect of donor mitochondrial genotype. *Biol Reprod* 66: 367-373.

Kölle S, **Stojkovic M**, Boie G, Wolf E, Sinowatz F (2002). Growth hormone inhibits apoptosis in in vitro produced bovine embryos. *Mol Reprod Dev* 61: 180-186.

Laurincik J, Zakhartchenko V, **Stojkovic M**, Brem G, Wolf E, Müller M, Ochs RL, Madox-Hyttel P (2002). Nucleolar protein allocation and ultrastructure in bovine embryos produced by nuclear transfer from granulosa cells. *Mol Reprod Dev* 61: 477-487.

List of Publications continuation ...**Miodrag Stojkovic**

Einspanier R, Schönfelder M, Müller K, **Stojkovic M**, Kosmann M, Wolf E, Schams D (2002). Expression of the vascular endothelial growth factor and its receptors and effects of VEGF during in vitro maturation of bovine cumulus oocyte complexes (COC). *Mol Reprod Dev* 62: 29-36.

Stojkovic M, Kölle S, Peinl S, Stojkovic P, Zakhartchenko V, Thompson JG, Wenigerkind H, Reichenbach H-D, Sinowatz F, E Wolf (2002). Effects of high concentration of hyaluronan in culture medium on development and survival rates of fresh and frozen/thawed in vitro produced bovine embryos. *Reproduction* 124(1): 141-153.

Rief S, Sinowatz F, **Stojkovic M**, Einspanier R, Wolf E, Prella K (2002). Establishment of a co-culture system with oviductal cells that affects development, energy metabolism and gene expression of in vitro produced bovine embryos. *Reproduction* 124(4): 543-556.

Motlik J, Alberio R, Zakhartchenko V, **Stojkovic M**, Kubelka M, Wolf E (2002). The effect of activation of mammalian oocytes on remodelling of donor nuclei after nuclear transfer. *Cloning Stem Cells* 4(3): 245-252.

Stojkovic M, Krebs O, Kölle S, Prella K, Assmann V, Zakhartchenko V, Sinowatz F, Wolf E (2003). Developmental regulation of hyaluronan-binding protein (RHAMM/IHABP) expression in early bovine embryos. *Biol Reprod* 68: 60-66.

Hiendleder S, Zakhartchenko V, Wenigerkind H, Reichenbach HD, Brüggerhoff K, Prella K, Brem G, **Stojkovic M**, Wolf E (2003). Heteroplasmy in bovine fetuses produced by intra- and inter-subspecific somatic cell nuclear transfer: Neutral segregation of nuclear donor mitochondrial DNA in various tissues and evidence for recipient cow mitochondria in fetal blood. *Biol Reprod* 68: 159-166.

Laurincik J, Schmoll F, Mahabir E, Schneider H, **Stojkovic M**, Zakhartchenko V, Prella K, Hendrixen PJM, Voss PLAM, Moeszlacher GG, Avery B, Dieleman SJ, Besenfelder U, Müller M, Ochs RL, Wolf E, Schellander K and Maddox-Hyttel P (2003). Nucleolar proteins and ultrastructure in bovine in vivo developed in vitro produced and parthenogenetic cleavage-stage embryos. *Mol Reprod Dev*, 65: 73-85.

Kölle S, **Stojkovic M**, Boie G, Wolf E, Sinowatz F (2003). Growth hormone-related effects on apoptosis, mitosis and expression of connexin-43 in in vitro matured bovine cumulus-oocyte-complexes. *Biol Reprod* 68: 1584-1589.

Wei S, Höflich A, Flaswinkel H, **Stojkovic M**, Wolf E, Zakhartchenko V (2003). Induction of senescent-like phenotype does not confer the ability of bovine immortal cells to support the development of nuclear-transfer embryos. *Biol Reprod*, 69: 301-309.

Santos F, Zakhartchenko V, **Stojkovic M**, Peters A, Jenuwein T, Wolf E, Reik W, Dean W (2003). Epigenetic marking correlates with developmental potential in cloned bovine preimplantation embryos. *Curr Biol*, 13: 1116-1121.

List of Publications continuation ...**Miodrag Stojkovic**

Wolf E, Arnold GJ, Bauersachs S, Beier HM, Blum H, Einspanier R, Fröhlich T, Herrler A, Hiendleder S, Kölle S, Prella K, Reichenbach H-D, **Stojkovic M**, Wenigerkind H, Sinowatz F (2003). Embryo-maternal communication in bovine – strategies for deciphering a complex cross-talk. *Reprod Dom Anim* 38(4): 276-289.

Hofmann A, Kessler B, Ewerling S, Weppert M, Vogg B, Ludwig H, **Stojkovic M**, Boelhauve M, Brem G, Wolf E, Pfeifer A (2003). Efficient transgenesis in farm animals by lentiviral vectors. *EMBO Rep.* 4: 1054-1058.

Hiendleder S, Prella K, Brüggerhoff K, Reichenbach H-D, Wenigerkind H, Bebbere D, **Stojkovic M**, Müller S, Brem G, Zakhartchenko V, Wolf E (2004). Nuclear-cytoplasmic interactions affect in utero developmental capacity, phenotype and cellular metabolism of bovine nuclear transfer fetuses. *Biol Reprod* 70: 1196-1205.

Kolle S, **Stojkovic M**, Reese S, Reichenbach HD, Wolf E, Sinowatz F (2004) Effects of growth hormone on the ultrastructure of bovine preimplantation embryos. *Cell Tiss Res* 317: 101-108.

Tamassia M, Nuttinck F, May-Panloup, Heyman Y, Charpigny, **Stojkovic M**, Wolf E, Reynier P, Renard J-P, Chastant-Mailard S (2004). Characterization of the mitochondrial DNA control region, quantification of mitochondrial DNA and ATP contents of oocytes from cows with different developmental abilities for blastocyst production. *Biol Reprod* 71: 697-704.

Stojkovic M, Lako L, Strachan T, Murdoch AP (2004). Derivation and characterisation of human embryonic stem cells. *Reproduction* 128: 259-267.

Stojkovic M, Lako M, Stojkovic P, Stewart R, Przyborski S, Armstrong L, Evans J, Herbert M, Hyslop L, Ahmad S, Murdoch A, Strachan T (2004). Derivation of human embryonic stem cells from Day 8 blastocysts recovered after three-steps *in vitro* culture. *STEM CELLS* 22: 790-797.

Choudhary M, Haimes E, Herbert M, **Stojkovic M**, Murdoch AP (2004). Demographic, medical and treatment characteristics associated with couples' decisions to donate fresh spare embryos for research. *Hum Reprod* 19:2091-2096.

Armstrong L, **Stojkovic M**, Dimmick I, Ahmad S, Stojkovic P, Hole N, Lako M (2004). Phenotypic investigation of murine haematopoietic progenitors isolated on basis of aldehyde dehydrogenase activity. *STEM CELLS* 22:1142-1151.

Stojkovic P, Lako M, Stewart R, Przyborski S, Armstrong L, Evans J, Murdoch AP, Strachan T, **Stojkovic M** (2005). An autogeneic feeder-system that efficiently supports undifferentiated growth of human embryonic stem cells. *STEM CELLS* 23: 306-314.

Stojkovic P, Lako M, Armstrong L, **Stojkovic M** (2005). Human embryonic stem cells express markers of pluripotency and differentiate under long-term *in vitro* growth conditions. *Medicus* 6: 6-10.

List of Publications continuation ...**Miodrag Stojkovic**

Stojkovic P, Lako M, Przyborski S, Stewart R, Armstrong L, Evans J, Zhang X, **Stojkovic M** (2005). Human-serum matrix supports undifferentiated growth of undifferentiated human embryonic stem cells. *STEM CELLS* 23: 895-902.

Stojkovic M, Stojkovic P, Leary C, Hall VJ, Armstrong L, Herbert M, Nesbitt M, Lako M, Murdoch A (2005). Derivation of a human blastocyst after heterologous nuclear transfer to donated oocytes. *RBM Online* 11: 226-231.

Hyslop LA, **Stojkovic M**, Armstrong L, Walter T, Stojkovic P, Przyborski S, Herbert M, Murdoch A, Strachan T, Lako M (2005). Downregulation of NANOG results in differentiation of human ES cells to extraembryonic lineages. *STEM CELLS* 23: 1035-1043.

Hyslop LA, Armstrong L, **Stojkovic M**, Lako M (2005). Human embryonic stem cell biology and clinical implications. *Expert Rev Mol Med* 7: 1-21.

Emanuelli C, Lako M, **Stojkovic M**, Madeddu P (2005). In search of the best candidate for regeneration of ischemic tissues: Are embryonic/fetal stem cells more advantageous than adult counterparts? *Thromb Haemost* 94: 738-749.

Heng BC, Tong GQ, **Stojkovic M** (2006). The egg-sharing model for human therapeutic cloning. Managing donor selection criteria, the proportion of shared gametes allocated to research, and amount of financial subsidy given to the donor. *Med. Hypotheses* 66: 1022-1024.

Cooke M, **Stojkovic M**, Przyborski S (2006). Growth of teratomas derived from human pluripotent stem cells is influenced by the anatomical location of the graft site. *Stem Cells and Development* 2: 254-259.

Armstrong L, Lako M, Dean W, **Stojkovic M** (2006). Epigenetic modification is central to genome reprogramming in somatic cell nuclear transfer. *STEM CELLS* 4: 805-814.

Armstrong L, Hughes O, Young S, Hyslop L, Stewart R, Wappler I, Peters H, Walter T, Stojkovic P, Evans J, **Stojkovic M**, Lako M (2006). The role of PI3K/AKT, MAPK/ERK and NF κ B signalling in the maintenance of human embryonic stem cell pluripotency and viability highlighted by transcriptional profiling and functional analysis. *Hum Mol Genet* 15: 1894-1913.

Hall V, **Stojkovic M** (2006). The status of human nuclear transfer. *Stem Cell Rev* 2: 301-308.

Heng BC, **Stojkovic M**, Vajta G, Cao T (2006). Mammalian oocyte polarity can be exploited for the automation of somatic cell nuclear transfer - in the development of a 'cloning biochip'. *Med. Hypotheses* 67: 420-421.

Stewart R, **Stojkovic M**, Lako M (2006). Mechanisms of self-renewal in human embryonic stem cells. *Eur J Cancer* 42: 1257-1272.

List of Publications continuation ...**Miodrag Stojkovic**

Hiendleder S, Wirtz M, Mund C, Klempt M, Reichenbach H-D, **Stojkovic M**, Weppert M, Wenigerkind H, Elmlinger M, Lyko F, Schmitz OJ, Wolf E (2006). Tissue-specific effects of *in vitro* fertilization procedures on genomic cytosine methylation levels in overgrown and normal sized bovine fetuses. *Biol Reprod* 75: 17-23.

Hall V, Stojkovic P, **Stojkovic M** (2006). Therapeutic cloning to fight human disease: A conundrum or reality? *STEM CELLS* 24: 1628-1637.

Zhang X, Stojkovic P, Przyborski D, Cooke M, Armstrong L, Lako M, **Stojkovic M** (2006). Derivation of human embryonic stem cells from developing and arrested embryos. *STEM CELLS* 24: 2669-2676.

Hall V, Compton D, Stojkovic P, Nesbitt M, Herbert M, Murdoch A, **Stojkovic M** (2006). Developmental competence of human *in vitro* aged oocytes as host cells for nuclear transfer. *Hum Reprod* 22: 52-62.

Stojkovic M (2006). Progress in nuclear transfer technique and embryonic stem cell biology: too fast, to scary? Proceeding of the world congress for freedom of scientific research. Rome. Edited by Chiara Lalli and Carmen Sorrentino. pp155-161.

Hall V, **Stojkovic M** (2006). Nuclear transfer and its applications in regenerative medicine. Stem Cells in human reproduction, basic science and therapeutic potential. Book chapter (Valles/Pellicer).

Ahmad S, Armstrong L, **Stojkovic M**, Dimmick I, Hyslop LA, Stojkovic P, Strachan T, Figueiredo FC, Lako M (2007). Differentiation of human embryonic stem cells into corneal epithelial like cells by *in vitro* replication of the corneal epithelial stem cell niche. *STEM CELLS* 25: 1145-1155.

Allegrucci C, Wu Y-C, Denning CN, Priddle H, Mummery CL, van Oostwaard D, Andrews PW, **Stojkovic M**, Smith N, Parkin T, Yu L, Brena MR, Plass C, Young LE (2007). Extensive epigenetic variation in DNA methylation between and within human embryonic stem cell lines. *Hum Mol Genet* 16: 1253-1268.

Cervera RP, **Stojkovic M** (2007). Human embryonic stem cell derivation and nuclear transfer: Impact on regenerative therapeutics and drug discovery. *Clinical Pharmacology & Therapeutics* 82: 310-315.

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Choudhary M, Zhang X, Stojkovic P, Hyslop L, Anyfantis G, Herbert M, Murdoch AP, **Stojkovic M***, Lako M* (2007). Putative role of hyaluronan and its related genes, *HAS2* and *RHAMM* in human early preimplantation embryogenesis and embryonic stem cell characterization. *STEM CELLS* 12: 3045-3057. *corresponding authors

List of Publications continuation ...**Miodrag Stojkovic**

Adewumi O, Aflatoonian B, Ahrlund-Richter L, Amit M, Andrews PW, Beighton G, Bello PA, Benvenisty N, Berry LS, Bevan S, Blum B, Brooking J, Chen KG, Choo ABH, Churchill GA, Corbel M, Damjanov I, Draper JS, Dvorak P, Emanuelsson K, Fleck RA, Ford A, Gertow K, Gertsenstein M, Gokhale PJ, Hamilton RS, Hampl A, Healy LE, Hovatta O, Hyllner J, Imreh MP, Itskovitz-Eldor J, Jackson J, Jonson JL, Jones M, Kee K, King BL, Knowles BB, Lako M, Lebrin F, Mallon BS, Manning D, Mayshar Y, Mckay RDG, Michalska AE, Mikkola M, Mileikovsky M, Minger SL, Moore HD, Mummery CL, Nagy A, Nakatsuji N, O'Brien CM, Oh SKW, Olsson C, Otonkoski T, Park K-Y, Passier R, Patel H, Patel M, Pedersen R, Pera MF, Piekarczyk MS, Reijo-Pera RA, Reubinoff BE, Robins AJ, Rossant J, Rugg-Gunn P, Schulz TC, Semb H, Sherrer EC, Siemen H, Stacey GN, **Stojkovic M**, Suemori H, Szatkiewicz J, Turetsky T, Tuuri T, van den Brink S, Vintersten S, Vuoristo S, Ward D, Weaver TA, Young LA, Zhang W (2007). The international stem cell initiative. Characteristics of human embryonic stem cell lines: results from the International Stem Cell Initiative. *Nature Biotechnol* 25: 803-816.

Saretzki G, Walter T, Passos JF, Bareth B, Keith WN, Stuart R, Atkinson S, Hoare S, **Stojkovic M**, Armstrong L, von Zglinicki T, Lako M (2008). Down-regulation of multiple stress defence mechanisms during differentiation of human embryonic stem cells. *STEM CELLS* 26: 455-464.

Stojkovic M, Phinney D (2008). Reprogramming battle: egg vs. virus. *STEM CELLS* 26: 1-2.

Cervera R, **Stojkovic M**. Somatic Cell Nuclear Transfer-Progress and Promise (2008). *STEM CELLS* 26: 494-495.

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Ledran M, Krassowska A, Armstrong L, Dimmick I, Yung S, Dzierzak E, **Stojkovic M**, Forrester L, Lako M (2008). Efficient haematopoietic differentiation of human embryonic stem cells on stromal cells derived from haematopoietic niches. *Cell Stem Cell* 3:85-98.

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Tilgner K, Atkinson SP, Golebiewska A, **Stojkovic M**, Lako M, Armstrong L (2008). Isolation of primordial germ cells from differentiating human embryonic stem cells. *STEM CELLS* 26:3075-3085.

Stojkovic M, Stojkovic P (2008). A short introduction to markers of stem cells and their neural derivatives. *Serbian Journal of Experimental and Clinical Research* 9: 123-127.

Stojkovic M. Human embryonic stem cells (hESCs): celebrating 10 years of hESC lines (2008). *STEM CELLS* 26:2746.

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Moreno-Manzano V, Rodríguez-Jiménez J, García-Roselló M, Láinez S, Erceg S, Teresa Calvo M, Ronaghi M, Lloret M, Planells-Cases R, Sánchez-Puelles JM, **Stojkovic M** (2009). Activated spinal cord ependymal stem cells rescue neurological function *STEM CELLS* 27: 733-743.

Erceg S, Ronaghi M, **Stojkovic M** (2009). Human embryonic stem cell differentiation toward regional specific neural precursors. *STEM CELLS* 27:78-87.

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Cervera RP, **Stojkovic M** (2009). Developments and challenges in human embryonic stem cell research in Spain. *Stem Cell Reviews and Reports* 5:334-339.

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Moreno-Manzano V, Rodriguez-Jimenez FJ, Acena-Bonilla JL, Fustero-Lardies S, Erceg S, Dopazo J, Montaner D, **Stojkovic M**, Sanchez-Puelles JM (2010). FM19G11, a new HIF modulator, affects stem cell differentiation status. *J Biol Chem* 285:1333-42.

Tilgner K, Atkinson SP, Yung S, Golebiewska A, **Stojkovic M**, Moreno R, Lako M, Armstrong L (2010). Expression of GFP Under the Control of the RNA Helicase VASA Permits FACS Isolation of Human Primordial Germ Cells. *STEM CELLS* 28:84-92.

Ronaghi M, Erceg S, Moreno-Manzano V, **Stojkovic M** (2010). Challenges of Stem Cell Therapy for Spinal Cord Injury: Human Embryonic Stem Cells, Endogenous Neural Stem Cells or Induced Pluripotent Stem Cells? *STEM CELLS* 28:93-99.

Prado-Lopez S, Conesa A, Armiñán A, Martínez-Losa M, Escobedo-Lucea C, Gandia C, Tarazona S, Melguizo D, Blesa D, Montaner D, Sanz-González S, Sepúlveda P, Götz S, Enrique O'Connor J, Moreno R, Dopazo J, Burks DJ, **Stojkovic M** (2010). Hypoxia promotes differentiation of human embryonic stem cells to endothelium. *STEM CELLS* 28:407-418.

Armstrong L, Tilgner K, Saretzki G, Atkinson SP, **Stojkovic M**, Moreno R, Przyborski S, Lako M (2010). Human induced pluripotent stem cell lines show similar stress defense mechanisms and mitochondrial regulation to human embryonic stem cells. *STEM CELLS* 28: 661-673.

List of Publications continuation ...**Miodrag Stojkovic**

Lako M, Armstrong L, **Stojkovic M** (2010). Induced pluripotent stem cells: it looks simple but can look deceiving? *STEM CELLS* 28:845-850.

Ljujic B, **Stojkovic M** (2010). Methods for derivation of human embryonic stem cells. *Serbian journal of experimental and clinical research* 11:25-33.

Stojkovic M, Pittenger MF, Nolte JA, Lako M, Lippin TR, Murphy MJ Jr (2010). Stem Cells position statement on hESC research. *STEM CELLS* 28:1A.

Hovatta O, **Stojkovic M**, Nogueira M, Varela-Nieto I (2010). European scientific, ethical, and legal issues on human stem cell research and regenerative medicine. *STEM CELLS* 28:1005-1007.

Erceg S, Ronaghi M, Zipancic I, Lainez S, Garcia Rosello M, Chen Xiong, Moreno-Manzano V, Rodriguez-Jimenez FJ, Planells R, Alvarez-Dolado M, Bhattacharya SS, **Stojkovic M** (2010). Efficient differentiation of human embryonic stem cells into functional cerebellar neurons. *Stem Cell and Development* 19:1745-1756.

Santos F, Hyslop L, Stojkovic P, Leary C, Murdoch A, Reik W, **Stojkovic M**, Herbert M, Dean W (2010). Evaluation of epigenetic marks in human embryos derived from IVF and ICSI. *Human Reproduction* 25:2387-2395.

Erceg S, Ronaghi M, Garcia Rosello M, Oria Alonso M, Cordoba J, Perez Arago M, Moreno-Manzano V, Gomez Perez M, Rodriguez-Jimenez FJ, Bhattacharya SS, **Stojkovic M**. (2010) Transplanted oligodendrocytes and motoneuron progenitors generated from human embryonic stem cells promote locomotor recovery after complete transection of spinal cord injury. *STEM CELLS* 28:1541-1549.

Talens-Visconti R, Sanchez-Vera I, Kostic J, Perez-Arago MA, Erceg S, **Stojkovic M**, Guerri C (2011). Neural differentiation from human embryonic stem cells as a tool to study early brain development and the neuroteratogenic effects of ethanol. *Stem Cells and Development* 20:327-339.

Volarevic V, Arsenijevic N, Lukic M, **Stojkovic M** (2011). Mesenchymal stem cell treatment of complications of diabetes mellitus. *STEM CELLS* 1:5-10.

Illich DJ, Demir N, **Stojkovic M**, Sheer M, Rothamel D, Neugebauer J, Hescheler J, Zoeller JE (2011). Induced pluripotent stem (iPS) cells and lineage reprogramming: prospects for bone regeneration *STEM CELLS* 4:555-563.

Erceg S, Moreno-Manzano V, Garita-Hernandez M, **Stojkovic M**, Bhattacharya SS (2011). Stem cells for the treatment of cerebellar-related disorders. *STEM CELLS* 4:564-569.

MacIntyre DA, Melguizo Sanchís D, Jiménez B, Moreno R, **Stojkovic M**, Pineda-Lucena A (2011). Characterisation of Human Embryonic Stem Cells Conditioning Media by ¹H-Nuclear Magnetic Resonance Spectroscopy. *PLoS One* 6(2):e16732.

List of Publications continuation ...**Miodrag Stojkovic**

Stojkovic M, Lako M (2011). Neural stem cells, a step closer to clinic? *Stem Cells* 29(10):1477-1478

Volarevic V, Ljubic B, Stojkovic P, Lukic A, Arsenijevic N, **Stojkovic M** (2011). Human stem cell research and regenerative medicine--present and future. *Br Med Bull* 99:155-168.

Escobedo-Lucea C, Ayuso-Sacido A, Xiong C, Prado-López S, Del Pino MS, Melguizo D, Bellver-Estellés C, Gonzalez-Granero S, Valero ML, Moreno R, Burks DJ, **Stojkovic M**. Development of a human extracellular matrix for applications related with stem cells and tissue engineering. *Stem Cell Rev* (in press).

Erceg S, Moreno-Manzano M, **Stojkovic M**, Bhattacharya S. Derivation of cerebellar neurons from human pluripotent stem cells. *Current Protocols in Stem Cell Biology* (in press).

Armstrong L, Lako M, Buckley N, Lappin TR, Murphy MJ, Nolte JA, Pittenger M, **Stojkovic M** (2012). Our Top 10 Developments in Stem Cell Biology over the Last 30 Years. *Stem Cells* (in press).

Patents

Stojkovic M, Lako M, Strachan T, Murdoch A. Patent on derivation of human embryonic stem (hES) cells and usage of novel feeder for growth of undifferentiated hES cells (pending PCT WO 2005/080551 A2).

Stojkovic M, IP Title: "Human Embryonic Stem Cells". International Patent Application No PCT/RS2007/000009

Academic Review**Miodrag Stojkovic****Grants/Bodies:**

FP7 European Commission

DFG-NSFC (Deutsche Forschungsgemeinschaft and National Science Foundation of China)

Human Fertilisation and Embryology Authority (HFEA), UK

European Science Foundation, Strasbourg, France

Connecticut Stem Cell Research, USA

Wellcome Trust, UK

BBSRC, UK

Medical Research Council (MRC), UK

Czech Academy of Science, Czech Republic

The Agency for Science, Technology and Research's (A*STAR) Biomedical Research Council (BMRC), Singapore

Deutsche Forschungsgemeinschaft (DFG), Germany

Federal Ministry of Education and Research (BMBF), Germany

ISSCR Registry Advisory Group, USA

Alberta Heritage Foundation for Medical Research, Canada

Scientific Journals:

STEM CELLS (Editor 2009-2012)

PLoS Biology

PLoS Genetics

Nature Methods

Academic Review continuation

Miodrag Stojkovic

Cell Stem Cell
 Endocrine Reviews
 Journal of Cell Science
 Rejuvenation Research
 BMC Developmental Biology
 Cell Proliferation
 Experimental Neurology
 Stem Cells and Development
 Biotechnology and Bioengineering
 British Journal of Pharmacology
 Human Reproduction
 Autoimmunity

Advisor

Miodrag Stojkovic

Scientific Adviser: Therapeutic Human Polyclonals, Tyscon, USA
 Agrobiogen GmbH, Laretzhausen, Germany
 Edmond de Rothschild Investment Partners, Paris, France
 Multifund B.V., AE Rotterdam, The Netherlands
 Earlybird Venture Capital, Hamburg, Germany
 Genelitik LTD. Ljubljana, Slovenia

Invited Lectures

12/2003-11/2011

Differentiation of endogenous and *in vitro* derived stem cells. Invited lecture. Serbian Academy of Sciences and Arts (SANU) Scientific Conference Biomedical Engineering for Human Health. Belgrade, Serbia, 24/10/2011.

What was first? Egg or... Invited lecture, Third EFIS/EJI South East European Immunology School, Arandjelovac, Serbia, 04/10/2011

Differentiation of stem cells. Invited lecture. V congress of Serbian neuroscience society. Kopaonik, Serbia, 30/09/2011

Regenerative medicine. Invited lecture. China's National Academy of Science. Suzhou Nanotechnology Institute. Suzhou, China. 15/07/2011.

Egg, embryos and stem cells. Invited lecture, LMU, Genzentrum, Munich, Germany. 09/07/2011

Stem Cells: Short introduction. Invited lecture, Medical Faculty, Banja Luka, BiH, workshop organized by AMI4EUROPE, FP7 program. 24/06/2011

Differentiation of stem cells. Invited lecture, Sinisa Stankovic Institute, Belgrade, Serbia, 20/05/2011

Epigenetic profile of IVF embryos. Invited lecture, Serbian Medical Society, Medical Faculty, Nis, Serbia, 28/04/2011

Embryos and stem cells: what we have learned from animal material. Invited lecture by

Academy of veterinary medicine. Belgrade, 24/01/2011

Invited Lectures

12/2003-11/2011

Stem cells and technology. Invited lecture by Technical University Belgrade. National conference with international participation: Biotechnology for Sustainable Development. Belgrade, 25/11/2010.

Stem cells and spinal cord injury. Invited lecture by Ministry of Science and Technology, People's Republic of China and Chinese Academy of Sciences. CHINANO. Suzhou Congress Centre. Suzhou, China, 15/11/2010.

Kako naterati ćeliju da bude lek? Invited lecture by National Academy of Medical Sciences, Belgrade, 25/10/2010

Stem Cells. Invited lecture, Rotary club Metropolitan, Belgrade, Serbia 19/10/2010.

Stem Cells and Regenerative Medicine. International meeting, Invited lecture, Cryo Safe, Hotel Hyat, Belgrade, Serbia 20/10/2010

General concepts: Stem cells or stemness. Invited lecture. Understanding cancer stem cells. La Coruna, Spain 01/10/2010.

Optimizing conditions for differentiation of stem cells. Invited lecture by Roche. Roche Applied Science Mini-Symposium on Stem Cell Research. San Francisco, California 15/06/2010

Human SCNT vs. iPSC. Castle Ringberg, Invited lecture, Max Planck Germany. Tegernsee, Germany, 02/06/2010.

Stem cells, regenerative medicine and drug development. Invited lecture by pharmaceutical company Actavis, Belgrade, Serbia 20/05/2010.

Diseases and Stem Cells. Invited lecture, Spanish culture centre Cervantes, Belgrade, Serbia, 30/03/2010

Preimplantation genetic diagnosis. Invited lecture, News in human reproduction, Society for human Reproduction, Serbia and S.I.S.M.E.R Bologna, Belgrade, 27/11/2009

Artificial gametes. Invited lecture, News in human reproduction, Society for human Reproduction, Serbia and S.I.S.M.E.R Bologna, Belgrade, 27/11/2009

Stem Cells. Invited lecture, CryoSave, Belgrade, Serbia, 14/10/2009

Stem Cells: Future perspectives in infertility treatment. Invited lecture. Serono. Prag, Czech Republic, 03/10/2009.

Directed neuronal differentiation of human embryonic stem cells. Invited lecture, Sociedad Espanola de Terapia Genica y Celular Granada, Spain, 01/10/2009.

Complementary stem cells. Invited lecture, Society for Physiology, Kragujevac, Serbia, 18/09/2009

Invited Lectures**12/2003-11/2011**

How to publish scientific manuscript? Invited lecture, Nis, Serbia, 18/09/2009

Stem cells. Invited lecture. 4th International Meeting of Medical Students. Novi Sad, Serbia, 18/07/2009.

Ependymal stem cells. Invited lecture by Prof. Il-Hoan Oh. 7th Catholic International Stem Cell Symposium, St. Mary Hall, the Catholic University of Korea, Seoul, 11/06/2009.

Stem cells, an overview. Invited lecture by Prof. J. Dai, University of Beijing, National Academy of Science, China, 08/06/2009

Applications of stem cells. Invited lecture, Balliol College, Oxford, 08/05/2009.

Human Pluripotent Stem Cells Symposium. Why do we need embryonic and adult stem cells? Invited lecture by Dr. S. Sullivan and Abcam company, Dublin 23/04/2009.

Aspectos técnicos y científicos de la clonación de células humanas. Invited lecture, Auditorio de Garrigues, Madrid. 27/01/2009.

Understanding embryonic and adult stem cells. 2008 Seoul symposium on stem cell research. Yonsei University, Seoul, Korea. 03/12/2008.

Derivación de células madre específicas del paciente. Congreso controversias en ginecología y reproducción. Invited lecture, Valencia, Spain, 28/11/2008.

Artificial gametes: is the future knocking at the front door? 25 years of the IVF laboratory in Maribor. Invited lecture, Maribor, Slovenia, 28/11/2008.

Stem cell therapy in neurosurgery. 11th International Congress of neurosurgery, Nis, Serbia, invited lecture, 10/10/2008.

Adult and embryonic stem cells. Second EFIS/EJI Belgrade symposium/postgraduate course. Inflammation at the Interface of Innate and Acquired Immunity. Belgrade, Serbia, Invited lecture, 20/09/2008

Second International Medical Students' Congress, Novi Sad, Serbia. Embryonic stem cells. Invited lecture, 18/06/2008.

Therapeutic cloning for the treatment of Type 1 diabetes: How far it is? 8th Annual Rachmiel Levine Symposium, Newport Beach, California, 08/01/2008.

Human embryonic stem cells and their applications. Invited lecture, First Emirates-Hellenic Medical Conference, Dubai, 06/12/2007.

Eggs, embryos and stem cells. Invited lecture, Second Annual Translational Stem Cell Research Conference (NYSCF). New York City, 16/10/2007.

Anwendungen von humanen embryonalen Stammzellen: Wahrheit und Verschleierung. Podium discussion. Dresden, Germany, 10/09/2007

Invited Lectures

12/2003-11/2011

Timeless human embryonic stem cells. Invited lecture, SENS (Strategies for Engineered Negligible Senescence, organised by Rejuvenation Research and Aubrey de Grey. Cambridge, UK, 08/09/2007.

Nuclear transfer for stem cells derivation. Invited lecture. ESHRE, Lyon, France, 01/07/2007

Warum brauchen wir humane Embryonen und humane embryonale Stamzellen? Invited lecture. University of Bonn. Bonn, 08/06/2007.

Human embryonic stem cells in regenerative medicine. Invited lecture. 14th Annual Symposium on Recent Advances in stem cell transplantation. German Cancer Research Centre, Heidelberg, 26/04/2007.

Open debate: Stammzellforschung in Deutschland: Haben wir den Zug verpasst? German Cancer Research Centre, Heidelberg, 25/04/2007.

Stem cells and modern medicine. Invited lecture, Serbian Academy of Science and Art, Branch Novi Sad, 11/04/2007

Stem cell therapy. Invited lecture, Valjevo Hospital, Serbia, 04/04/2007.

Sources and characteristics of human embryonic stem cells. Invited lecture, Columbia University, New York City, USA, 29/03/2007.

Preimplantation human embryos and embryonic stem cells as tools to study human development. Invited lecture StemCONN 07, Connecticut's Stem Cell Research International Symposium, Hartford, Connecticut, USA, 28/03/2007.

Derivation of hESC. Invited lecture, Science, Society, Cambridge, UK, 01/02/2007.

What is a stem cell? Invited lecture, Charitè Hospital, University of Berlin, Germany, 31/01/2007.

Arrested embryos as source for derivation of hESC. Invited lecture, Innovations in Human Reproduction, Belgrade, Serbia, 08/12/2006.

Biology and differentiation of human embryonic stem cells. Invited lecture, Meeting Computers in Cardiology, Seminars, Valencia, Spain, 17/09/2006.

Nuclear transfer and human embryonic stem cells. Invited lecture, Madrid, Spain, 24/07/2006.

Transnationalisation of stem cell sciences: political, scientific, and commercial strategies in UK and Germany. Invited lecture. German Ministry of Education, Berlin-Brandenburg Academy of Sciences and Humanities, Berlin, Germany, 18/02/2006.

Isolation and culture of human embryonic stem cells. Invited lecture, EESCN, From tissue engineering and regenerative medicine to policy, Cambridge, UK, 19/04/2006.

Medical applications of human embryonic stem cells. Invited lecture, Medical Faculty, Kosovska Mitrovica, Serbia and Montenegro, 07/04/2006.

Invited Lectures

12/2003-11/2011

Nuclear transfer. Possibilities in Regenerative Medicine. Invited lecture, Sero Symposia International Foundation Conference on Therapeutic potential of Stem Cells in Reproductive Medicine, Valencia, Spain 01/04/2006.

Stem Cells-An Overview Of Their Development And Use In Biomedical Applications . Invited lecture, Annual Meeting of the British Toxicology Society, Warwick, UK 22/03/2006.

Embryo technology: inheritance and implications for stem cells. Invited lecture. UK Stem Cell Meeting: Epigenetics & Differentiation, Keyworth Conference Centre London South Bank University, London, UK. 09/03/2006.

Progress in nuclear transfer technique and embryonic stem cell biology: too fast, too scary? Invited lecture, first meeting of world congress for freedom of scientific research, Rome City Hall, Rome, Italy. 17/02/2006.

Eggs, embryos and stem cells... Invited lecture, IVI, Valencia, Spain, 10/02/2006.

Medical chances and applications of human embryonic stem cells. Invited lecture, promotion as visiting professor at Military Medical Academy, Belgrade, Serbia and Montenegro. 03/02/2006.

Human embryonic stem cells and NT. Invited lecture, Hannover, Germany. 07/12/2005.

The UK experience. Invited lecture, Germany and Europe-partnership in regenerative medicine. Berlin, Germany. 02/12/2005.

Biology of stem cells. Invited lecture. Faculty of Biology, University of Belgrade, Serbia and Montenegro. 25/11/2005.

Chance oder schöner sein. Die Zukunft der Stammzellforschung. Eine gemeinsame Veranstaltung der Max-Planck-Gesellschaft und der Süddeutsche Zeitung. Max-Planck-Haus am Hofgarten, München, Germany, 18/10/2005

Therapeutic application of stem cells. Invited lecture, 14th Meeting of gynaecologists of Serbia and Montenegro, Milocer, Montenegro, 04/10/2005

Derivation, growth and characterisation of human embryonic stem cells and nuclear transfer stem cells. Invitrogen Live Webinar Series. London Stock Exchange, 14/07/2005

***Pluripotency of hESC and NTSC. Interview, Deputy Director and Head of Reprogramming Laboratory. Invited lecture by Dr. R. Moreno, Director, Prince Philippe, Research Centre, Valencia, Spain. 08/07/2005

Application of human embryonic stem cells. Zenica, Bosnia and Herzegovina, 24/06/2005.

Derivation of nuclear transfer embryonic stem cells. Invited lecture by British Council,

Philadelphia Convention Centre, BIO Meeting, Philadelphia, 20/06/2005

Invited Lectures

12/2003-11/2011

Therapeutic cloning. Video conference Belgrade/Newcastle organised by British Council in Belgrade. 02/06/2005

***Pluripotency of human embryonic stem cells: Interview, Chair-Stem Cell Biology. Invited lecture by Prof. M. Parker. Hammersmith Hospital, Imperial College, London, UK, 27/05/2005

Applications of human embryonic stem cells. Meeting of students of medicine, Kotor Serbia and Montenegro, 04/05/2005

Human embryonic stem cells, where we are. Invited lecture, Imperial College, London, 25/04/2005
 embryonic stem cells: derivation, growth and differentiation. Invited lecture by Prof. O. Bruestle. Brain and Life Centre, Bonn, Germany, 14/04/2005

Nuclear transfer and regenerative medicine. Invited lecture. Science week in Royal Museum, Edinburgh. 05/04/2005

Applications of nuclear transfer technique in modern medicine. Invited lecture, 10 years ICSI in Maribor, Society for Assisted Reproduction, Slovenia. Hotel Habakuk, Maribor, Slovenia, 25/03/2005.

Human embryonic stem cells derived from fertilised or NT-embryos. Invited lecture. Marcus Evans conferences, Commercialisation of Stem Cells. The Grange Holborn Hotel, London, 04/03/2005.

Therapeutic cloning: yes or not? Invited lecture, Medical Faculty, University of Kragujevac, Serbia, 01/03/2005

The Newcastle Embryonic Stem Cell Centre. Invited lecture, 3rd national annual stem cell meeting. Newcastle, 08/02/2005

Human Embryonic Stem Cells: Made in Newcastle upon Tyne. Invited lecture, BioNet, Centre for Life, Newcastle, 07/02/2005

Human embryonic stem cells: from bench to bedside. Invited lecture at Gene Centre, University of Munich, Germany, 31/01/2005

Nuclear transfer and human embryonic stem cells in modern medicine. Invited lecture, 16th International symposium of Fertility and Sterility Society of Serbia and Montenegro, Hyatt Regency, Belgrade, 16/12/2004

Derivation and application of human embryonic stem cells. Invited lecture. Award honorary citizen of Leskovac. Leskovac, Serbia and Montenegro, 17/12/2004

Human embryonic stem cells, an overview from Newcastle. Invited lecture at UK-California's stem cell meeting. Children's hospital Los Angeles, California, 03/12/2004.

Invited Lectures**12/2003-11/2011**

Human embryonic stem cells derived from fertilised and non-fertilised embryos. Invited lecture at UK-California's stem cell workshop. Los Angeles, Children's hospital Los Angeles, 04/12/2004

Human embryonic stem cells derived from fertilised and non-fertilised embryos. Invited lecture at UK-California's stem cell workshop. San Francisco, Laurel Heights Conference Centre, University of California, 05/12/2004

Human embryonic stem cells, an overview from Newcastle. Invited lecture at UK-California's stem cell meeting. San Francisco, Laurel Heights Conference Centre, University of California, 06/12/2004.

Human embryonic stem cells. Invited lecture, Brasenose College, Oxford, UK, 24/11/2004

Epigenetic and derivation of human embryonic stem cells. Invited lecture, Research Report, HFEA, Radisson Hotel, London, 25/11/2004

Human eggs, embryos and embryonic stem cells: the powerful tool to understand and fight diseases. Invited lecture, Queen Elizabeth Hospital, Gateshead, 16/11/2004

Human embryonic stem cells and nuclear transfer. Invited lecture at Technical Faculty, Leskovac, Serbia and Montenegro, 04/11/2004.

Research challenges in the translation of ES cell science to clinical treatments. Embryonic Stem Cell Conference, organised by Prof. F. Wright Jury's Inn, Newcastle 20/10/2004.

Stem Cells – miracle cure or moral minefield. Invited lecture, International Centre for Life, Newcastle, 04/10/2004.

***Human embryonic stem cells: problems and perspectives. Invited lecture, Interview for C4 Professorship, Medical Faculty, University of Ulm, Germany 21/06/2004.

How to derive clinical-grade human embryonic stem cell lines. Invited lecture at Growth, Expansion and Differentiation of Stem Cells Meeting, organized by EuroSciCon. Westminster University, London, 21/05/2004.

Legitimate regulation of human embryo and human embryonic stem cells research. Invited lecture at 37. Jahrestagung über Physiologie und Pathologie der Fortpflanzung, organised by Prof. R. Stolla. University of Munich, Germany, 19/02/2004.

From blastocyst to stem cells. Invited lecture at Interactive Workshop – Blastocyst Culture: From Embryo to Stem Cell, organized by Prof. Chris Barratt. Queen Elizabeth Postgraduate Centre, Birmingham, 09/01/2004.

Derivation of human ES cell lines from Day 8 blastocysts. Invited lecture at Scottish Stem Cell Network Meeting, organized by SSCN. Royal Society of Edinburgh, 10/12/2003.