|  |
| --- |
| **European****curriculum vitae****format** |

|  |
| --- |
| **Personal information** |

|  |  |
| --- | --- |
| Surname(s) / First name(s) | **Saraga-Babić Mirna** |
| Address(es) | PAK, KB Split, Spinčićeva 1, 21000 Split |
| Telephone(s) | +385 21 556 521 |
| Fax(es) | +385 21 556 663 |
| E-mail(s), Web address(s) | msb@mefst.hr |
| Nationality(-ies) | Croatian |
| Date of birth | March 20, 1955 |
| Identification number from Records of Scientific Workers  | **111141** |

|  |
| --- |
| **Work experience** |

|  |  |
| --- | --- |
| • Dates (from – to) | 1981- |
| Name and address of employer | University of Split Medical School |
| Type of business or sector | Academic Institution, Full professor of Histology and Embryology |
| Occupation or position held | Head of the Department of Anatomy, Histology and Embryology |
| Main activities and responsibilities | Research and teaching |

|  |
| --- |
| **Education** |

|  |  |
| --- | --- |
| Date | 1974-1979 |
| Place of education | Zagreb |
| Name and type of organization providing education | Medical School, University of Zagreb |
| Title or qualification awarded | Medical doctor |

|  |  |
| --- | --- |
| Date | 1981-1983 |
| Place of education | Zagreb, Croatia |
| Name and type of organization providing education | Postgraduate study in Biomedicine, Faculty of Natural Sciences, University of Zagreb |
| Title or qualification awarded | Master of science (1984) |

|  |  |
| --- | --- |
| Date | 1989 |
| Place of education | Zagreb, Croatia |
| Name and type of organization providing education | Medical School, University of Zagreb |
| Title or qualification awarded | Doctor of Philosophy |

|  |
| --- |
| **Training** |

|  |  |
| --- | --- |
| Year | 1983, 1984 |
| Place of training | Tubingen, Germany |
| Name and type of organization providing training | Department of Electron Microscopy, Max-Planck Institute |
| Principal subjects/Occupational skills covered | Training in electron microscopy |

|  |  |
| --- | --- |
| Year | 1988, 1991 |
| Place of training | Helsinki, Finlandi |
| Name and type of organization providing training | Department of Electron Microscopy and Department of Pathology, University of Helsinki |
| Principal subjects/Occupational skills covered | Training in electron microscopy and immunohistochemistry |

|  |  |
| --- | --- |
| Year | 1993 |
| Place of training | Gottingen, Germany |
| Name and type of organization providing training | Department of Molecular Cell Biology, Max-Planck Institute of Biophysical Chemistry, |
| Principal subjects/Occupational skills covered | Training of “in situ” hybridization technique |

|  |  |
| --- | --- |
| Year | 2000 |
| Place of training | Helsinki, Finland |
| Name and type of organization providing training | Department of Electron Microscopy, Institute of Biotechnology  |
| Principal subjects/Occupational skills covered | Training in electron microscopy |

|  |
| --- |
| **Personal skills and competencies** |

|  |  |
| --- | --- |
| Mother tongue(s) | Croatian |

|  |
| --- |
| Other language(s) |

|  |  |
| --- | --- |
| Language | English |
| Speaking | Excellent |
| Writing | Excellent |
| Understanding (listening and reading) | Excellent |

|  |  |
| --- | --- |
| **memberships and activities in professional associations** | - Croatian Association of Anatomists, Histologists and Embryologists- Croatian Association of Medical Doctors- Croatian Association of Medical Education- International Society of Developmental Biologists- European Cell Biology Organization- The Finnish Society for Cell and Developmental Biology |

|  |  |
| --- | --- |
| **Organizational skills and competencies** | 2007- Vice dean for finances, School of Medicine, Universuty of Split2003 - Vice dean for science, School of Medicine, University of Mostar2001 – Head of the Department of Anatomy, Histology and Embryology, Medical School University of Split |

|  |  |
| --- | --- |
| **Teaching activities** | - Graduate education in Histology and Embryology- Elective courses “Development and congenital kidney diseases”, “Fertilization”- Postgraduate teaching- Postgraduate study, Medical School Split- Visiting professor - Postgraduate study in Biomedicine, Medical School Rijeka- Visiting professor - Medical School Mostar, BiH |

|  |  |
| --- | --- |
|  Research Experience | -Investigations in the field of normal and abnormal human development with special emphasis on the formation of axial structures (notochord, vertebral column, brain and spinal cord)-Ultrastructural and immunohistochemical investigations of developing human organs: therole of cell death, proliferation, growth-factors, BMP-s, intermediate filament proteins other factors during their formation and differentiation. -Spatial and temporal expression of genes and their products in human tissues. Expression of highly conserved genes (PAX) in human development.-Investigation on ultrastructural, histochemical and immunohistochemical characteristics on the axial organs of Amphioxus.- Investigations on the role of primary cilia in kidney development and pathology- Investigation on the role of different developmental factors (apoptotic, anti-apoptotic growth factors, transcribtional factors) in human jaw and tooth formation |

|  |  |
| --- | --- |
| **Research grants** | -1981-1990 Participation in the project “Analysis of developmental processes in animal and plants”, supported by the Croatian Ministry of Science and Technology, no 2.3.4.-1991-1991 Main investigator of the project “Formation of the head, axial and uro-genital structures in man”, supported by the Croatian Ministry of Science and Technology, no 3-01-069-1996-2001 Main investigator of the project “Development of the human central nervous system and the vertebral column”, supported by the Croatian Ministry of Science and Technology, no 108-194.-1997- participation in the ALIS project “Programmed cell death in the axial structures of the human embryo”, Leicester, Great Britain-2002-2005- Main investigator of the project “ Development and diseases of axial organs in man” supported by Croatian Ministry of Science, Education and Sports, no 021-6002-2003- main investigator of the project “Conserved, apoptotic and mitotic genes in development and disease”, Supported by the Croatian Ministry of Science, Education and Sports-2007- main investigator of the project “Gene expression during early human development”-2007- main investigator of the Croatian-Slovenian project “Biomekrers of normal and abnormal development and associated multifactorial disorders”.-2007/08- collaborator on the project “Development of the human peripheral nervous system”, Federal Ministry of Education and Science- 2009/10 - “Biomekrers of normal and abnormal development and associated multifactorial disorders”. |

|  |  |
| --- | --- |
| Computer software | Saraga- Babić M, Sapunar D “Atlas of Human Embryology”, Chronolab, Chrono Educa, 1996Sapunar D., Saraga-BabićM “Atlas of Histology”, School of Medicine, University of Split, 2008 |

|  |  |
| --- | --- |
| **Educational texts**  | Saraga-Babić M., Švajger A., Sapunar D., Pintarić I., Anđelinović Š., Saraga M.:Development and congenital kidney diseases”, University of Zagreb, Medical School-Split Branch, 1992Banović I, Peruzović M., Saraga-Babić M., Sapunar D.: Fertilization, University of Zagreb, Medical School-Split Branch, 1992Saraga-Babić M: Respiratory system. In Junqueira LC, Carneiro J. and Kelly RO. Basic Histology (Croatian edition), pp.338-358 (7th edition), Školska knjiga, Zagreb, 1995Saraga-Babić M.: Adrenals, Islets of Langerhans, Thyroid, the Parathyroid glands, the Pineal body. In Junqueira LC, Carneiro J. and Kelly RO. Basic Histology (Croatian edition), pp.305-424 (7th edition), Školska knjiga, Zagreb, 1995.Saraga-Babić M: With game through anatomy 5 Embryology, Sobotta: Atlas of Anatomy- cards for learning. (Croatian edition), Naklada Splap, Jastrebarsko, 2002. |

|  |  |
| --- | --- |
| **Book reviews** | Sobbota “Atlas of Histology” (Croatian edition), Naklada Slap, Jastrebarsko, 2004 |

|  |  |
| --- | --- |
| **Publications****(CC, SCI)** | 1. Saraga-Babić M.: Relationship between the notochord and the bursa pharyngea in early human development. Cell Differ Dev 32: 125-130, 1990
2. Saraga-Babić M, Saraga M.: Role of the notochord in the development of cephalic structures in normal and anencephalic human fetuses. Virchows Arch A 422: 161-168, 1993.
3. Sapunar D., Saraga-Babić M., Peruzović M., Marušić M.: Effects of hyperbaric oxygen on rat embryos. Biol Neonate 63: 360-369,1993.
4. Saraga-Babić M., Sapunar D., Stefanović V.: Histological features of axial structures during embryonic and fetal stages of human craniorachischisis. Acta Neuropathol 86: 289-294, 1993.
5. Saraga-Babić M., Stefanović V., Wartiovaara J., Lehtonen E.: Spinal cord - noto chord relationship in normal human embryos and in a human embryo with double spinal cord. Acta Neuropathol 86: 509-514, 1993.
6. Saraga-Babić M., Lehtonen E., Švajger A., Wartiovaara J.: Morphological and immunohistochemical characteristics of axial structures in the transitory human tail. Ann Anat 176: 277-286, 1994.
7. Stefanović V., Saraga-Babić M., Wartiovaara J.: Cell contacts in early human pituitary development. Acta Anat 14(: 169-175, 1993.
8. Lehtonen E., Stefanović V., Saraga-Babić M.: Changes in the expression of the inetrmediate filaments and desmoplakins during development of the human notochord. Differentiation 59(1): 35-43, 1995.
9. Saraga-Babić M., Krolo M., Sapunar D., Terzić J., Biočić M.: Differences in origin and fate between the cranial and caudal spinal cord during normal and disturbed human development. Acta Neuropathol 91: 194-199, 1996.
10. Sapunar D., Vilović K., Vrdoljak E., Petri N., Saraga-Babić M.: Effects of maternal hyperoxigenation on the experimentally produced uteroplacental insufficiency in rat. Reproduction Fertility and Development 8: 379-381, 1996.
11. Terzić J., Muller C., Gajović S., Saraga-Babić M.: Expression of PAX2 gene during human development. Int J Dev Biol 42(5): 701-707, 1998.
12. Terzić J, Saraga-Babić M.: Expression pattern of PAX3 and PAX6 genes during human embryogenesis. Int J Dev Biol 43: 501-508, 1999.
13. Shintani S, Terzić J., Sato A., Saraga-Babić M., O'hUigin C., Tichy H., Klein J.: Do lampreys have lyphocites? The Spi evidence. PNAS 97(13): 7417-7422, 2000.
14. Vilović K., Sapunar D., Ilijić E., Mimica M.D., England M., Saraga-Babić M.: Morphological characteristics of dying cells in axial structures of developing human embryos. Cells Tissues Organs 169: 347-354, 2001.
15. Sapunar D., Vilović K., England M., Saraga-Babić M.: Morphological diversity of dying cells during regression of the human tail. Ann Anat 183: 1-6, 2001.
16. Mayer W.E., O’hUigin C., Tichy H., Terzić J., Saraga-Babić M.,.: Identification of two Ikaros-like transcription factors in lamprey. Scand J Immunol 55(2): 162- 170, 2002.
17. Saraga-Babić M., Stefanović V., Saraga M., Wartiovaara J., Lehtonen E.: Expression of intermediate filaments and desmosomal proteins during differentiationof the human spinal cord. Acta histochemica, 104(1):157-166, 2002
18. Biočić M., Saraga M., Mašković J., Vukić-Košuljandić Đ., Saraga-Babić M., Budimir D.: A nephron-sparing surgical procedure for Fraley’s syndrome. A case report. Eur J Pediatr Surg, 12: 1-4, 2002.
19. Božanić D., Tafra R., Saraga-Babić M.: Role of apoptosis and mitosis during early stages of human eye developmet. Eur J Cell Biol, 82-421-429, 2003
20. Božanić D. and Saraga-Babić M.: Cell proliferation during the early stages of human eye development. Anat.Embryol. Anat Embryol, 208(5):381-388, 2004.
21. Glamočlija V., Vilović K., Saraga-Babić M., Baranović A. Sapunar D.: Apoptosis and active caspase-3 expression in human granulosa cells. Fertility&Sterility, 83(2): 426-431, 2005
22. Vilović K., Ilijić E., Glamočlija V., Kolić K., Bočina I., Sapunar D., Saraga-Babić M.: Cell death in developing human spinal cord. Anat Embryol, 211(1):1-9, 2006.
23. Carev D., Krnić D., Saraga M., Sapunar D., Saraga-Babić M.: Role of mitotic, pro-apoptotic and anti-apoptotic factors in human kidney development. Pediatric Nephrology, 21(5).627-636, 2006.
 |

|  |  |
| --- | --- |
| **Publications****(continuation) (CC, SCI)** | 1. Bočina I. and Saraga-Babić M: The notochordal sheath in Amphioxus – an ultrastructural and histochemical study. Collegium Antropologicum, 30(2):315-319, 2006.
2. Božanić D., Bočina I., Saraga-Babić M.: Involvement of cytoskeletal proteins and growth factor receptors during development of the human eye. Anat Embryol (Berlin), 211(5):367-377, 2006.
3. Božanić D, saraga-Babić M, Involvement of cytoskeletal proteins and growth factor receptors during development of the human eye. Anat Embryol (Berlin) 211(5): 367-377, 2006.
4. BočIna I., Saraga-Babić M: Immunohistochemical study of cytoskeletal and exptracellular matrix components in the notochord and notochordal sheath of amphioxus. Int J Biol Sci, 2(2): 73-78, 2006.
5. Bazina M., Stefanović V., Božanić D., Saraga-Babić M.: Ultrastructural and immunohistochemical characteristics of developing human pituitary gland// ActaHistochemica. 109( 5): 366-376,2007.
6. Carev D., Saraga M., Saraga-Babić M.: Expression of intermediate filaments, EGF and TGF-a in early human kidney development. Journal of Molecular Histology, 39(2): 227-235, 2008.
7. Carev D, Saraga M., Saraga-Babić M.: Involvement of FGF and BMP family proteins and VEGF in early human kidney development. Histology and Histopathology, 23(7):853-849, 2008
8. .Vukojević K, Carev D, Sapunar D, Petrović D, Saraga-Babić M: Developmental patterns of caspase-3, bax and bcl-2 proteins expression in the human spinal ganglia. J Mol Histol. 39(3): 339-349, 2008.
9. Saraga-Babić M., Bazina M., Vukojević K., Bočina I, Stefanović V.: Involvement of pro-apoptotic and anti-apoptotic factors in the early development of the human pituitary gland. Histology and Histopathology, 23: 1259-1268, 2008.
10. Vukojević, K.; Škobić, H., Saraga-Babić, M.[Proliferation and differentiation of glial and neuronal progenitors in the developing human spinal ganglia](http://bib.irb.hr/prikazi-rad?&rad=388424). // Differentiation, 78(2-3): 91-8, 2009.
11. Bazina M, Vukojevic K, Roje D, Saraga-Babic M. [Influence of growth and transcriptional factors, and signaling molecules on early human pituitary development.](http://www.ncbi.nlm.nih.gov/pubmed/19921443) J Mol Histol. 40(4):277-86, 2009.
12. Vukojevic K, Petrovic D, Saraga-Babic M. [Nestin expression in glial and neuronal progenitors of the developing human spinal ganglia](http://www.ncbi.nlm.nih.gov/pubmed/20044038). Gene Expr Patterns, 0(2-3):144-51, 2010.
13. Bočina I, Ljubešić N, Saraga-Babić M. [Cilia-like structures anchor the amphioxus notochord to its sheath.](http://www.ncbi.nlm.nih.gov/pubmed/19740530) Acta Histochem, 2009 (in press)
14. Ćavar, Ivan; Kelava, Tomislav; Vukojević, Katarina; Babić-Saraga, Mirna; Čulo, Filip.[The role of prostaglandin E2 in acute acetaminophen hepatotoxicity in mice](http://bib.irb.hr/prikazi-rad?&rad=456616). // *Histology and histopathology*. Histol.Histopathol, 25(7): 819-30, 2010.
15. Aljinović, Jure; Vukojević, Katarina; Košta, Vana; Marinović Guić, Maja; Saraga-Babić, Mirna; Grković, Ivica. [Histological differences in healing following experimental transmural infarction in rats](http://bib.irb.hr/prikazi-rad?&rad=452968). // *Histology and histopathology*. (2010,in press).
16. Kalibović Govorko D, Bečić T, Vukojević K, Mardešić-Brakus S, Biočina-Likenda D, Saraga-Babić, M. Spatial and temporal distributions of Ki-67 proliferation marker, Bcl-2 and Bax proteins in the developing human tooth. Arch Oral Biol, 2010 (in press)
17. Novaković J, Mardešić-Brakus S, Vukojević K, Saraga-Babić M. Developmental patterns of Ki-67, bcl-2 and caspase-3 proteins expression in the human upper jaw. Acta Histochem, 2010 (in press)
18. Mardešić Brakus S, Kalibović Govorko D, Vukojević K, Jakus I, Carev D, Petričević J, Saraga-Babić M. Apoptotic and anti-apoptotic factors in early human mandible development. Eur J Oral Sci, 2010 (in press)
19. Petričević J, Forempoher G, ostojić Lj, Mardešić Brakus S, Andjelinović Š, Vukojević K, Saraga-Babić M. Expression of nestin, mesothelin and epithelial membrane antigen (EMA) in developing and adult human meninges and meningeomas. Acta Histochem, 2010 (in press)
 |

|  |  |
| --- | --- |
| **Publications** **(IM, EM; BIOSIS)** | 1. Saraga-Babić M.: Development of the notochord in normal and malformed human embryos and fetuses. Int J Dev Biol 35: 342-352, 1991.2. Saraga-Babić M., Sapunar D., Wartiovaara J.: Variations in the formation of the human caudal spinal cord. J Brain Res 36(3): 341-347, 1995.3. Saraga-Babić M., Stefanović V., Lehtonen E., Sapunar D., Saraga M., Wartiovaara J.: Neurulation mechanisms in the human development. Croatian Med J 37(1):7-14, 1996.4. Krolo M., Vilović K., Sapunar D., Vrdoljak E., Saraga-Babić M.: Fibronectin expression in the developing human spinal cord. Croatian Med J 39: 386-391, 1998.5. Saraga M., Vukić-Košuljandić Đ., Saraga-Babić M., Cambj-Sapunar L.: Unilateral renal cystic disease in infancy (case report). Pediatr Croat 46: 133-136, 2002.6. Petrović MG, Osredkar J, Saraga-Babić M, Petrović D.: K469E polymorphism of the intracellular adhesion molecule 1 gene associated with proliferative diabetic retinopathy in Caucasians with type 2 diabetes. Clin Experiment Ophthamol 36(5),: 468-72, 2008. |

|  |  |
| --- | --- |
| **CONGRESSES** | -Saraga-Babić M., Švajger A.: Anomalies od the human notochord. EDBO Congress, Helsinki, Finland, 14-18 June, 1987. Cell Differ 20 (Suppl.): 63, 1987..Saraga-Babić M., Wartiovaara J., Lehtonen E., Švajger A.: Close association between the notochord and the spinal cord in the regressing human tail. ISDB Congress, Utrecht, The Netherlands, August 20-25, 1989. Cell Differ Dev (Suppl.): 76, 1989.-Saraga-Babić M., Bakotin J., Anđelinović Š., Saraga M.: Neurodevelopmental abnormalities in humans. Fifth International Meeting of Adriatic Society of Pathology. Split, June 23-24, 1990, Abstracts, p.23.-Saraga-Babić M., Wartiovaara J., Lehtonen E., Švajger A.: Notochord in early human development. ESF Study Workshop on Developmental Biology, Amalfi, Italy, Sept. 30.-Oct. 7., 1990, Abstracts.-Saraga-Babić M., Stefanović V., Wartiovaara J., Lehtonen E.: Spinal cord-notochord relationship in normal human embryos and in a human embryo with double spinal cord.. EDBC, Jerusalem, Israel, August 11-16, 1991, Abstracts.-Saraga-Babić M.: Influence of the notochord on the formation of bursa pharyngeain early human development. 5. Spomenski sestanek profesorja Dr. Frana I. Zavrnika,Gozd-Mertuljak, Slovenija, 1992., Zbornik povzetkov, str. 80-82. -Saraga-Babić M., Stefanović V., Wartiovaara J., lehtonen E.: Primary and secondary neurulation in a 4-week human embryo. The Seventh InternationalConference of the International Society of Differentiation, Helsinki, Finland, 1992Abstracts, p. 125. -Stefanović V., Saraga-Babić M., Lehtonen E., Wartiovaara J.: Ultrastructure of cell contacts in early developing human pituitary gland. The Seventh InternationalConference of the International Society of Differentiation, Helsinki, Finland, 1992., Abstracts, p. 76. -Sapunar D., Saraga-Babić M., Peruzović M., Marušić M.: The effect of hyperbaricoxygen on rat embryos. The Seventh International Conference of the International Society of Differentiation, Helsinki, Finland, 1992., Abstracts, p. 75. -Saraga-Babić M., Sapunar D., Stefanović V.: Histological characteristics of the central nervous system, notochord and vertebral column in human craniorachischisis.16. Alps Adria Meeting of Anatomists, Zagreb, May 20-23, 1993, Abstracts, p.22. -Stefanović V., Saraga-Babić M., Wartiovaara J.: Proliferation and differentiationof cells in the developing human pituitary primordium. 16. Alps Adria Meeting of Anatomists, Zagreb, May 20-23, 1993, Abstracts, p.63. -Saraga-Babić M., Stefanović V., Wartiovaara J., Lehtonen E.: Epithelio - mesenchymal change in phenotype of human notochord cells during development of vertebral axis. ISDB 12th International Congress, Vienna, Austria, August 8-13, 1993, Abstract Book, p. 106. -Saraga-Babić M., Stefanović V., Lehtonen E., Wartiovaara J.: Notochord abnormalities in different human developmental axial disorders. ISDB 12th International Congress, Vienna, Austria, August 8-13, 1993, Abstract Book, p. 106. -Saraga-Babić M., Wartiovaara J., Stefanović V., Sapunar D., Lehtonen E.: Intermediate filaments and apoptosis during human notochord development. The ThirdInternational Duodecim Symposium, Embryonic Induction: Models and Molecules. Mariehamn, Aland, Finland, 14-17 June, 1995, Abstracts, p.5. -Saraga-Babić M., Krolo M., Terzić J., Sapunar D.: Neurulation defects during human development. EDBC, Toulouse, France, July, 1995, Abstract Book, p.51. 16. -Sapunar -, Vilović K., England M., Saraga-Babić M.: Morphological diversity of dying cells during regression of the human tail. The 9th International Conference of the International Society of Differentiation. Pisa, Italy, Sept.-Oct., 1996, Abstract Book, p. 113. -Terzić J., Saraga-Babić M., Muller C., Gruss P.: Expression of PAX2 gene duringhuman development. The 9th International Conference of the International Society of Differentiation. Pisa, Italy, Sept.-Oct., 1996, Abstract Book, p. 117.-Božanić, D., Tafra, R., Saraga-Babić, M.: Role of apoptosis and mitosis during early stages of human eye development. Apoptosis 2003. From signalling pathways to therapeutic tools . Diederich, Marc (ed.), Luxemburg, 2003, Abstract book, p.147.-Vilović,K., Sapunar, D., Ilijić, E., Glamočlija,V., Saraga-Babić, M.: Cell death during development of the human spinal cord. Apoptosis 2003. From signalling pathways to therapeutic tools . Diederich, Marc (ed.), Luxemburg, 2003, Abstract book |
| **CONGRESSES** | -Božanić D., Bočina I., Saraga-Babić M.: Advances in the assessment of the early stages of human eye development. Journal of Perinatal Medicine, Zagreb, 2005, Abstract Book p.56.- Carev D., Krnić D., Saraga M., Sapunar D., Saraga-Babić M.: Role of mitotic, pro-apoptotic and anti-apoptotic factors in human kidney development. Pediatric Nephrology, Heildelberg:Springer, pp 1525, 2006.- Carev D., Saraga M, Saraga-Babić M.: Early human kidney development: role of intermediate filaments (cytokeratins and vimentin), epithelial and transforming growth factors (EGF and TGF-a)Pediatric nephrology, Helidelberg, Springer, 22, pp.1507, 2007.- Carev, d.; Saraga, M.; Saraga-Babić, M.: Early human kidney development: appearance and role of FGF and BMP family proteins and VEGF protein. Pediatric nephrology, Heidelberg, Springer, pp1668, 2008. |

|  |  |
| --- | --- |
| **Mentorship** | **Master's thesis:**1.Janoš Terzić: Testing of association between Creeper mutant with genes for collagen II and XI, and diplopodia-5 mutant with GHox-8 gene. University of Zagreb, Zagreb,1997.2.Katarina Vilović: Cell death during differentiation of axial structures in human embryos. University of Zagreb, Zagreb, 1999.3.Ivana Bočina: Structure of the notochord in the lancelet Branchiostoma lanceolatum L. Faculty of Science, University of Zagreb, Zagreb, 2001.4. Darka Božanić: Role of apoptosis and mitosis during early stages of human eye development. Univesity of Split, Split, 2002.5. Katarina Vukojević: Role of bcl-2, caspase-3 and Ki-67 factors during development of spinal ganglia in human embryos. University of Mostar, Mostar, 2008.**Doctor's thesis**1.Vedran Stefanović: Early differentiation of the human pituitary gland. University of Zagreb, Zagreb, 1994.2.Damir Sapunar: Changes in the structure of the labyrinth in the rat placenta caused by hypoxia, University of Zagreb, Zagreb, 1996.3. Janoš Terzić: Expression of collagen transgene in mice with Osteogenesis Imperfecta. University of Zagreb, Zagreb 1998.4. Katarina Vilović: Cell death in the spinal cord of human conceptuses, University of Split, Split, 2002.5. Dark Božanić: Role of cell proliferation, cytoskeleton and growth factors in the early development of the human eye. University of Split, Split, 2005.6.Ivana Bočina: Immunohistochemical and ultratrsuctural characteristics of the notochord in Amphioxus. University of Zagreb, Zagreb, 2005.7.Carev Dominko: „Role of apoptotic and proliferation factors as well as intermediate filament proteins in early development of human kidneys. University of Split, Split, 2008.8. Vukojević Katarina: „Developmental destiny of neural crest cells and their differentiation in the developing human spinal ganglia. University of Split, 2009.9. Bazina Mirna:“ Role of apoptotic and growth factors as well as other developmental factorsIn early development of the human hypophysis. University of Split, 2009. |