

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL  
INFORMATION**

Surname(s) / First name(s)	<b>Saraga-Babić Mirna</b>
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E-mail(s), Web address(s)	<a href="mailto:msb@mefst.hr">msb@mefst.hr</a>
Nationality(-ies)	Croatian
Date of birth	March 20, 1955
Identification number from Records of Scientific Workers	<b>111141</b>

**WORK EXPERIENCE**

• Dates (from – to)	1981-2011
Name and address of employer	School of Medicine, University of Zagreb (until 1981-1997) and University of Split (1997-2011)
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	School of Medicine, 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	School of Medicine, 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, Finland
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- 2009. Vice Dean for Finances, School of Medicine, University of Split, Croatia  
 2003 – 2007. Vice Dean for Science, School of Medicine, University of Mostar; BiH  
 2001 – 2013. Head of the Department of Anatomy, Histology and Embryology, School of Medicine University of Split

#### TEACHING ACTIVITIES

- Graduate education in Histology and Embryology
- Elective courses "Development and congenital kidney diseases", "Fertilization"
- e-teaching: Elective course "Development and anomalies of the head and neck"
- Postgraduate teaching- Postgraduate study, School of Medicine in Split, Croatia
- Postgraduate teaching – Postgraduate study, School of Medicine in Mostar, BiH
- Visiting professor - Postgraduate study in Biomedicine, School of Medicine in Rijeka, Croatia
- Visiting professor – School of Medicine in Mostar, BiH
- Teacher at Courses of Permanent Medical Education

<b>RESEARCH EXPERIENCE</b>	<ul style="list-style-type: none"> <li>-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)</li> <li>-Ultrastructural and immunohistochemical investigations of basic processes during development of human organs: cell proliferation and cell death, differentiation, growth-factors, BMP-s, intermediate filament proteins.</li> <li>-Spatial and temporal expression of genes and their products in human tissues. Expression of highly conserved genes (PAX) in human development.</li> <li>-Investigation on ultrastructural, histochemical and immunohistochemical characteristics on the axial organs of Amphioxus.</li> <li>- Investigations on the role of primary cilia in kidney development and pathology (cistogenesis)</li> <li>- Investigation on the role of different developmental factors (apoptotic, anti-apoptotic growth factors, transcriptional factors) in human jaw and tooth formation</li> </ul>
<b>RESEARCH GRANTS</b>	<ul style="list-style-type: none"> <li>-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.</li> <li>-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</li> <li>-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.</li> <li>-1997- participation in the ALIS project "Programmed cell death in the axial structures of the human embryo", Leicester, Great Britain</li> <li>-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</li> <li>-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</li> <li>-2007/2010 - main investigator of the Croatian-Slovenian project "Biomekrers of normal and abnormal development and associated multifactorial disorders".</li> <li>-2007/08- collaborator on the project "Development of the human peripheral nervous system", Federal Ministry of Education and Science, BIH</li> <li>-2007-2013- main investigator of the project "Gene expression during early human development"</li> </ul>
<b>COMPUTER SOFTWARE</b>	<p>Saraga- Babić M, Sapunar D "Atlas of Human Embryology", Chronolab, Chrono Educa, 1996</p> <p>Sapunar D., Saraga-BabićM "Atlas of Histology", School of Medicine, University of Split, 2008</p>
<b>EDUCATIONAL TEXTS</b>	<p>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, 1992</p> <p>Banović I, Peruzović M., Saraga-Babić M., Sapunar D.: Fertilization, University of Zagreb, Medical School-Split Branch, 1992</p> <p>Saraga-Babić M: Respiratory system. In Junqueira LC, Carneiro J. and Kelly RO. Basic Histology (Croatian edition), pp.338-358 (7<sup>th</sup> edition), Školska knjiga, Zagreb, 1995</p> <p>Saraga-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 (7<sup>th</sup> edition), Školska knjiga, Zagreb, 1995.</p> <p>Saraga-Babić M: With game through anatomy 5 Embryology, Sobotta: Atlas of Anatomy- cards for learning. (Croatian edition), Naklada Slap, Jastrebarsko, 2002.</p>
<b>BOOK REVIEWS</b>	<p>Sobbota "Atlas of Histology" (Croatian edition), Naklada Slap, Jastrebarsko, 2004</p>

**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 - notochord 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 intermediate 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 hyperoxygenation 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 lymphocytes? 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 differentiation of 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 development. *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.

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24. Bočina I. and **Saraga-Babić M.**: The notochordal sheath in Amphioxus – an ultrastructural and histochemical study. *Collegium Antropologicum*, 30(2):315-319, 2006.
25. 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.
26. Bočina I., **Saraga-Babić M.**: Immunohistochemical study of cytoskeletal and extracellular matrix components in the notochord and notochordal sheath of amphioxus. *Int J Biol Sci*, 2(2): 73-78, 2006.
27. Bazina M., Stefanović V., Božanić D., **Saraga-Babić M.**: Ultrastructural and immunohistochemical characteristics of developing human pituitary gland// *Acta Histochemica*. 109( 5): 366-376,2007.
28. Carev D., Saraga M., **Saraga-Babić M.**: Expression of intermediate filaments, EGF and TGF- $\alpha$  in early human kidney development. *Journal of Molecular Histology*, 39(2): 227-235, 2008.
29. 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
30. 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.
31. **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.
32. Vukojević, K.; Škobić, H., **Saraga-Babić, M.** Proliferation and differentiation of glial and neuronal progenitors in the developing human spinal ganglia. // *Differentiation*, 78(2-3): 91-8, 2009.
33. Bazina M, Vukojevic K, Roje D, **Saraga-Babic M.** Influence of growth and transcriptional factors, and signaling molecules on early human pituitary development. *J Mol Histol*. 40(4):277-86, 2009.
34. Vukojevic K, Petrovic D, **Saraga-Babic M.** Nestin expression in glial and neuronal progenitors of the developing human spinal ganglia. *Gene Expr Patterns*, 0(2-3):144-51, 2010.
35. Čavar I, Kelava T, Vukojević K, **Babić-Saraga, M.**; Čulo F. The role of prostaglandin E2 in acute acetaminophen hepatotoxicity in mice. *Histol.Histopathol*, 25(7): 819-30, 2010.
36. Aljinović J, Vukojević K, Košta V, Marinović Guić M, **Saraga-Babić M.**, Grković I. Histological differences in healing following experimental transmural infarction in rats. *Histol.Histopathol* 25(12): 1507-17, 2010.
37. 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*, 55 (12): 1007-16, 2010.
38. 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*, 113(5): 519-26, 2011.
39. 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*, 118(6): 537-46, 2010.
40. 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 meningiomas. *Acta Histochem*, 113(7): 703-11, 2010.
41. Bočina I, Ljubešić N, **Saraga-Babić M.** Cilia-like structures anchor the amphioxus notochord to its sheath. *Acta Histochem*, 113(4): 49-52, 2011.
42. Cilenšek I, Hercegovac A, Vukojević K, **Saraga Babić M.**, Milutinović Živin A. G-1082A polymorphism of the IL-10 gene is associated with proliferative diabetic retinopathy in Caucasians with type 2 diabetes, whereas the IL-4 C-590T polymorphism and the C1159A polymorphism of IL12B gene failed to be associated. *Central Eur J Biol* (in press)
43. Brakus SM, Govorko DK, Vukojevic K, Jakus IA, Carev D, Petricevic J, **Saraga-Babic M.** Apoptotic and anti-apoptotic factors in early human mandible development. *Eur J Oral Sci*. 118(6):537-46, 2010.

44. **Saraga-Babić M**, Vukojević K, Bočina I, Drnašin K, Saraga M. Ciliogenesis in normal human kidney development and post-natal life. *Pediatr Nephrol.* 27(1):55-63, 2012.
45. Petricevic J, Punda H, Brakus SM, Vukojevic K, Govorko DK, Alfirevic D, Kvesic A, **Saraga-Babic M**. Immunolocalization of nestin, mesothelin and epithelial membrane antigen (EMA) in developing and adult serous membranes and mesotheliomas. *Acta Histochem.* 114(5):469-79, 2012.
46. Kovačević LM, Puizina-Ivić N, Ljutić D, Brakus SM, Govorko DK, Jeličić I, Mirić D, Rešić J, **Saraga-Babić M**. Differences in epidermal thickness and expression of apoptosis regulatory proteins in the skin of patients with chronic renal failure and pruritus. *Acta Histochem.* 115(2):144-50, 2013.
47. Vukojevic K, Kero D, Novakovic J, Kalibovic Govorko D, **Saraga-Babic M**. Cell proliferation and apoptosis in the fusion of human primary and secondary palates. *Eur J Oral Sci.* 120(4):283-91, 2012.
48. Vukusic Pusic T, Janjic T, Dujmovic I, Poljicanin A, Soljic V, **Saraga-Babic M**, Vukojevic K. The involvement of proliferation and apoptosis in the early human gonad development. *J Mol Histol.* 44(1):55-63, 2013
49. Baguma-Nibasheka M, Gugic D, **Saraga-Babic M**, Kablar B Role of skeletal muscle in lung development. *Histol Histopathol.*, 27(7):817-26, 2012.
50. Šoljić V, Perak RB, Vukojević K, **Saraga-Babić M**, Bubalo P, Karan D, Todorović J, Batinić D. ZAP-70 expression and proliferative activity in chronic lymphocytic leukemia. *Leuk Lymphoma.* 54(6):1171-6, 2013.
51. Kelava T, Čavar I, Vukojevic K, **Saraga-Babic M**, Culo F. The effect of glucagon and cyclic adenosine monophosphate on acute liver damage induced by acetaminophen. *Histol Histopathol.*, 28(2):245-55, 2013.
52. Poljicanin A, Vukusic Pusic T, Vukojevic K, Caric A, Vilovic K, Tomic S, Soljic V, **Saraga-Babic M**. The expression patterns of pro-apoptotic and anti-apoptotic factors in human fetal and adult ovary. *Acta Histochem.*, 115(6):533-40, 2013.
53. Drnasin K, **Saraga-Babić M**, Saraga M. Clinical importance of pyelocalyceal dilation diagnosed by postnatal ultrasonographic screening of the urinary tract. *Med Sci Monit.*, 19;19:125-31, 2013.
54. Agnić I, Vukojević K, **Saraga-Babić M**, Filipović N, Grković I. Isoflurane post-conditioning stimulates the proliferative phase of myocardial recovery in an ischemia-reperfusion model of heart injury in rats. *Histol Histopathol.*, 2013 Jul 12.
55. Sanna-Cherchi S, Sampogna RV, Papeta N, Burgess KE, Nees SN, Perry BJ, Choi M, Bodria M, Liu Y, Weng PL, Lozanovski VJ, Verbitsky M, Lugani F, Sterken R, Paragas N, Caridi G, Carrea A, Dagnino M, Materna-Kirylyuk A, Santamaria G, Murtagh C, Ristoska-Bojkovska N, Izzi C, Kacak N, Bianco B, Giberti S, Gigante M, Piaggio G, Gesualdo L, Kosuljandic Vukic D, Vukojevic K, **Saraga-Babic M**, Saraga M, Gucev Z, Allegri L, Latos-Bielenska A, Casu D, State M, Scolari F, Ravazzolo R, Kiryluk K, Al-Awqati Q, D'Agati VD, Drummond IA, Tasic V, Lifton RP, Ghiggeri GM, Gharavi AG. Mutations in DSTYK and dominant urinary tract malformations. *N Engl J Med.* 2013 369(7):621-9, 2013.
56. Caric A, Poljicanin A, Tomic S, Vilovic K, **Saraga-Babic M**, Vukojevic K. Apoptotic pathways in ovarian surface epithelium of human embryos during embryogenesis and carcinogenesis: Close relationship of developmental plasticity and neoplasm. *Acta Histochem.* 2013 Sep 19.

**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 Ophthalmol* 36(5): 468-72, 2008.

## CONGRESSES

- Saraga-Babić M.**, Švajger A.: Anomalies of 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 pharyngea in early human development. 5. Spomenski sestanek profesorja Dr. Frana I. Zavrnik, 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 International Conference of the International Society of Differentiation, Helsinki, Finland, 1992 Abstracts, p. 125.
- Stefanović V., **Saraga-Babić M.**, Lehtonen E., Wartiovaara J.: Ultrastructure of cell contacts in early developing human pituitary gland. The Seventh International Conference of the International Society of Differentiation, Helsinki, Finland, 1992., Abstracts, p. 76.
- Sapunar D., **Saraga-Babić M.**, Peruzović M., Marušić M.: The effect of hyperbaric oxygen 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 differentiation of 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 12<sup>th</sup> 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 12<sup>th</sup> 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 Third International Duodecim Symposium, Embryonic Induction: Models and Molecules. Mariehamn, Åland, 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 D., Vilović K., England M., **Saraga-Babić M.**: Morphological diversity of dying cells during regression of the human tail. The 9<sup>th</sup> 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 during human development. The 9<sup>th</sup> 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



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2. Katarina Vilović: Cell death during differentiation of axial structures in human embryos. University of Zagreb, Zagreb, 1999.
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4. Darka Božanić: Role of apoptosis and mitosis during early stages of human eye development. University 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.

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5. Dark Božanić: Role of cell proliferation, cytoskeleton and growth factors in the early development of the human eye. University of Split, Split, 2005.
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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.
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10. Danijela Kalibović Govorko: Pro-apoptotic and anti-apoptotic factors in early development of the human tooth. University of Split, 2011.
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