

# **Priv.-Doz. MUDr. habil. Ivan Matia, Ph.D.**



## **Curriculum vitae**

date and place of birth: **April 4, 1978, Kosice, Slovak Republic**

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### **ACADEMIC EDUCATION**

<b>1992 – 1996</b>	Gymnasium, Trebisovska 12, Kosice, Slovak Republic
<b>1996 – 2002</b>	<b>Faculty of Medicine, P.J.Safarik University, Kosice, Slovak Republic</b> <b>MD degree</b>
<b>2002 - 2008</b>	<b>1<sup>st</sup> Faculty of Medicine, Charles University, Prague, Czech Republic</b> <b>PhD degree in Experimental surgery</b> (submission date October 2008), Thesis Title: Fresh arterial allograft in vascular surgery – inhibition of rejection in experiment, Supervisor: Professor Milos Adamec
<b>2011 – 2016</b>	<b>Faculty of Medicine, University of Leipzig, Leipzig, Germany</b> <b>Habilitation in Vascular surgery</b> (submission date January 2016) Thesis Title: Immunosuppression with tacrolimus after experimental and clinical allovessel transplantation

## EMPLOYMENT AND TRAINING

<b>2002 - 2011</b>	Vascular and transplant surgeon at the <b>Transplant Surgery Department of the Institute for Clinical and Experimental Medicine (IKEM)</b> , Prague, Czech Republic
<b>2007</b>	<b>Board examination in surgery</b>
<b>2008</b>	<b>Board examination in vascular surgery</b>
<b>2007 - 2011</b>	<b>Intensive care unit of the Transplant Surgery Department</b> , Institute for Clinical and Experimental Medicine, Prague, Czech Republic
<b>2011 - 2016</b>	Vascular and transplant surgeon at the <b>Department of Visceral, Transplant, Thoracic and Vascular Surgery</b> , University Hospital Leipzig, Leipzig, Germany
<b>2011 - 2016</b>	Explant surgeon by the <b>German Organ Transplantation Foundation (DSO)</b>
<b>2011 - 2016</b>	Explant surgeon by the <b>German Society for Tissue Transplantation (DGFG)</b>
<b>2014 - 2017</b>	Research associate at the <b>Institute of Physiology, 1st Faculty of Medicine Charles University in Prague</b> , Czech Republic
<b>2016 - 2017</b>	Surgeon at the <b>Department of Surgery, Landesklinikum Baden</b> , Baden bei Wien, Austria
<b>2017 - 2019</b>	Vascular surgeon at the <b>Department of Cardio-Vascular Surgery, Hospital Hietzing</b> , Vienna, Austria
<b>2017 -</b>	Research associate at the <b>Karl Landsteiner Institute for Cardio-Vascular Research</b> , Vienna, Austria
<b>2019 -</b>	Vascular surgeon at the <b>Department of Cardio-Vascular Surgery, Nord Hospital/Klinik Floridsdorf</b> , Vienna, Austria

## LECTURES AND TEACHING ACTIVITIES

<b>2002 - 2004</b>	Advisor of medical students scientific activity at the <b>Faculty of Medicine, P.J. Safarik University, Kosice, Slovak Republik</b>
<b>2011 – 2016</b>	Lectures and teaching activities of medical students at the <b>Faculty of Medicine, University of Leipzig, Leipzig, Germany</b>
<b>2013</b>	Workshop for medical students „Experimental work in cardiovascular surgery“, <b>First Faculty of Medicine, Charles University, Prague</b> , 14.11.2013
<b>2014</b>	Workshop for medical students „Cardiovascular allotissues: experimental and clinical transplantation“, <b>First Faculty of Medicine, Charles University, Prague</b> , 11.12.2014
<b>2019 -</b>	Moderator of Problem-Oriented Learning (POL) for medical students at the <b>Medical University of Vienna, Austria</b>
<b>2019 -</b>	Lectures and teaching activities of medical students at the <b>Faculty of Medicine, Sigmund Freud University Vienna, Austria</b>

## ADVISOR/CONSULTANT of Ph.D. STUDENTS

<b>2009 -</b>	Advisor of the <b>Experimental Surgery</b> PhD Program at the <b>First Faculty of Medicine, Charles University in Prague, Czech Republic</b>
<b>2009 - 2011</b> Advisor <b>2011 - 2012</b> Consultant	<b>MUDr. Martin Varga, Ph.D.</b> Faculty: First Faculty of Medicine, Charles University in Prague Degree program: Experimental Surgery Thesis: Allogenous venous graft in reconstructive vascular surgery - the use of immunosuppression in experiment Date of defense: 10.10.2012
<b>2011 – 2019</b> Consultant	<b>MUDr. Rudolf Spunda, Ph.D.</b> Faculty: First Faculty of Medicine, Charles University in Prague Degree program: Experimental Surgery Thesis: Immunosuppressive therapy after transplantation of cryopreserved arterial allografts in rats Date of defense: 16.09.2019
<b>2013 –</b> Advisor	<b>MUDr. Jan Hruby</b> Faculty: First Faculty of Medicine, Charles University in Prague Degree program: Experimental Surgery Thesis: Influence of new cryopreservation protocol on immunogenicity and rejection of arterial allografts in rats

## PREGRADUAL SCIENTIFIC ACTIVITIES

Co-worker of Students Experimental Projects funded by Faculty of Medicine P.J.Safarik University, Kosice, Slovak Republic	
1998 – 1999	Spleen preserving surgery as a prevention of bacterial infection in dogs
1999 – 2000	The experimental influence on the preservation-reperfusion injury in <b>autotransplanted kidneys</b>
1999 – 2001	Influence of <b>spleen autotransplantation</b> on extra-spleen production of interleukin-6 in rats
2000 – 2001	Influence of L-Arginine on ischemic-reperfusion injury after small bowel transplantation in dogs
2000 – 2002	Preservation injury of jejunal grafts and its modulation by Custodiol and University of Wisconsin perfusion solutions in rats.
2000 – 2001	<b>Citrulline plasma levels.</b> A possible biochemical parameter of small bowel function?
2001 – 2002	Experimental <b>small bowel transplantation</b> in dogs

## POSTGRADUAL SCIENTIFIC ACTIVITIES

Co-worker of grants	
2004 – 2006	<b>Fresh arterial allograft in vascular surgery</b> (funded by the Internal grant agency of the Ministry of Health of the Czech Republic, Grant No. NR/7965)
2006 - 2010	<b>Allogenous veins in the treatment of critical limb ischaemia</b> (funded by the Internal grant of the Institute for Clinical and Experimental Medicine, Grant No. MZO 00023001)
2007 - 2009	<b>Veins allografts in rat arterial system. The influence of immunosuppression on early morphological changes</b> (funded by the Internal grant agency of the Ministry of Health of the Czech Republic, Grant No. NR/9371)
2013 - 2018	<b>Use of immunosuppression after transplantation of cryopreserved aortal grafts in rats</b> (funded by 1st Faculty of Medicine, Charles University in Prague, Grant No.2017-260 372)

## POSTGRADUAL ACADEMIC/SCIENTIFIC COURSES

2005	<b>Course in the Fundamentals of Research Work</b> – course of the Academy of Sciences of the Czech Republic, Prague. May 30 – June 03, 2005
2008	<b>Methods in scientific work</b> – course of the 2 <sup>nd</sup> Faculty of Medicine, Charles University, Prague, January 07-20, 2008
2011	<b>Good Clinical Practice</b> – course of the German Society for Pharmaceutical Medicine, Frankfurt am Main, November 04-05, 2011
2013	<b>13. Training for Academic Teachers</b> – workshop of Munich Medical International and Faculty of Medicine, University of Leipzig, Leipzig, Germany, February 26 – March 01, 2013
2019	<b>Problem-Oriented Learning (POL) Moderator Course</b> at the Medical University of Vienna, Austria, February 20-21, 2019

## POSTGRADUAL SCIENTIFIC AWARDS

2008	<b>The best medical paper of the Czech Society of Cardiovascular Surgery</b> published in the year 2007 (Matia I., Lodererová A., Adamec M. Delayed administration of FK 506 is sufficient to suppress acute rejection changes after aortal transplantation in rats. Transpl Int 2007;20:371-380)
2009	<b>The best medical paper of the Czech Transplant Society</b> published in the year 2008 (Matia I., Adamec M., Varga M., Janoušek L., Lipár K., Viklický O. Aortoiliac reconstruction with allograft and kidney transplantation as a one-stage procedure: long term results Eur J Vasc Endovasc Surg 2008; 35:353-357 ISSN 1078-5884)
2010	<b>The best medical paper of the Czech Society of Cardiovascular Surgery</b> published in the year 2009 (Matia I., Pirk J., Lipár K., Adamec M. Successful surgical treatment of multilevel aortic aneurysms combined with renal transplantation. J Vasc Surg 2009;50:198-201. ISSN: 0741-5214)
2012	<b>The best experimental work in the field of Abdominal Aortic research of German Society of Vascular Surgery (Aortenpreis 2012)</b> – (Fellmer P., Matia I., Schmelzle M., Jonas S. Influence of immunosuppression on antibody-mediated rejection of fresh aortal allografts in rats)

## ARTICLES WITH IMPACT FACTOR - FIRST AUTHOR (10)

<b>2004</b>	<b>Serotonin levels in the small bowel mucosa as a marker of ischemic injury during small bowel preservation.</b> <u>Matia I.</u> , Balaz P., Jackanin S., Rybarova E., Kron I., Pomfy M., Fronek J., Ryska M. <i>Ann Transplant</i> 2004;9:48-51. ISSN 1425-9524.
<b>2006</b>	<b>Fresh arterial grafts as conduits for vascular reconstructions in transplanted patients.</b> <u>Matia I.</u> , Adamec M., Janousek L., Lipar K., Viklicky O. <i>Eur J Vasc Endovasc Surg</i> 2006;32:549-556. ISSN 1078-5884
<b>2007</b>	<p><b>Cold-stored venous allografts in the treatment of critical limb ischaemia.</b> <u>Matia I.</u>, Janoušek L., Marada T., Adamec M. <i>Eur J Vasc Endovasc Surg</i> 2007;34:424-31. ISSN 1078-5884</p> <p><b>Delayed administration of FK 506 is sufficient to suppress acute rejection changes after aortal transplantation in rats.</b> <u>Matia I.</u>, Lodererova A., Adamec M. <i>Transpl Int</i> 2007;20:371-380. ISSN 0934-0874</p>
<b>2008</b>	<b>Aortoiliac reconstruction with allograft and kidney transplantation as a onestage procedure: long term results.</b> <u>Matia I.</u> , Adamec M., Varga M., Janoušek L., Lipár K., Viklický O. <i>Eur J Vasc Endovasc Surg</i> 2008; 35:353-357. ISSN 1078-5884
<b>2009</b>	<b>Successful surgical treatment of multilevel aortic aneurysms combined with renal transplantation.</b> <u>Matia I.</u> , Pirk J., Lipár K., Adamec M. <i>J Vasc Surg</i> 2009;50:198-201. ISSN: 0741-5214
<b>2010</b>	<b>The positive effect of immunosuppression on adaptation of venous allografts to arterialisation in rats.</b> <u>Matia I.</u> , Varga M., Lodererova A., Adamec M. <i>Eur J Vasc Endovasc Surg</i> 2010; 39:478-484 ISSN 1078-5884
<b>2014</b>	<p><b>Immunosuppressive protocol with delayed use of low-dose tacrolimus after aortic transplantation suppresses the donor specific anti-MHC class I and class II antibody production in rats</b> <u>Matia I.*</u>, Fellmer P.* , Splith K.* , Varga M., Oliverius M., Kuhn S., Feldbrügge L., Krenzien F., Hau H-M., Wiltberger G., Schmelzle M., Jonas S. <i>Ann Transplant</i> 2014; 19:225-232 DOI: 10.12659/AOT.889870 *authors share authorship and contributed equally to this work</p> <p><b>Antibody-mediated rejection of arterialised venous allografts is inhibited by immunosuppression in rats</b> Splith K.* , Fellmer P.* , <u>Matia I.*</u> , Varga M., Adamec M., Kämmerer I., Feldbrügge L., Krenzien F., Atanasov G., Schmelzle M., Jonas S. <i>PLoS One</i>. 2014,11(3):e91212. doi: 10.1371/journal.pone.0091212. eCollection 2014. ISSN 1932-6203 *authors share authorship and contributed equally to this work</p>

2016	<b>Influence of cryoconservation on antigenicity of arterial allografts: A review.</b> Matia I., Hraby J., Spunda R., Adamec M., Varga M., Lindner J., Spacek M. Eur Surg (2016) 48 [3]:S179–S226 DOI 10.1007/s10353-016-0442-0
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## ARTICLES WITH IMPACT FACTOR - SENIOR AUTHOR (2)

2018	<b>Immunosuppressive protocols with tacrolimus after cryopreserved aortal allotransplantation in rats</b> Spunda R., Hraby J., Mericka P., Mlcek M., Pecha O., Splith K., Schmelzle M., Krenzien F., Lindner J., <u>Matia I.*</u> , Spacek M.* <i>PLoS One.</i> 2018 Aug 9;13(8):e0201984. doi: 10.1371/journal.pone.0201984. eCollection 2018. *Ivan Matia and Miroslav Spacek are joint senior authors on this work.
2020	<b>Influence of the new standardized clinical cryopreservation/slow thawing protocol on immunogenicity of arterial allografts in rats</b> Hraby J., Spunda R., Mericka P., Mlcek M., Pecha O., Splith K., Schmelzle M., Krenzien F., Lindner J., Spacek M.*, <u>Matia I.*</u> <i>PLoS One.</i> 2020 Mar 10;15(3):e0230234. doi: 10.1371/journal.pone.0230234. eCollection 2020 *Ivan Matia and Miroslav Spacek are joint senior authors on this work.

## ARTICLES WITH IMPACT FACTOR - CO-AUTHOR (18)

2003	<b>Model of small bowel transplantation with systemic venous drainage in rats.</b> Balaz P., Kudla M., <u>Matia I.</u> , Fronek J., Ryska M. <i>Ann Transplant</i> 2003;8:36-38. ISSN 1425-9524
2004	<b>Renal transplantation in patients with abdominal aortic aneurysm – a new surgical approach.</b> Adamec M., <u>Matia I.</u> , Janousek L., Fronek J., Bachleda P., Lacha J., Viklicky O. <i>Transpl Int</i> 2004;17:647–650. ISSN 0934-0874  <b>Preservation injury of jejunal grafts and its modulation by Custodiol and University of Wisconsin perfusion solutions in Wistar rats.</b> Balaz P., <u>Matia I.</u> , Jackanin S., Rybarova E., Kron I., Pomfy M., Fronek J., Ryska M. <i>Eur Surg Res</i> 2004;36:192-197. ISSN 0014-312X  <b>Modulating amylase and lipase secretion in the pancreatic graft by somatostatin administration: preliminary results of a prospective, randomized trial.</b> Janousek L., Adamec M., Saudek F., Koznarova R., Boucek P., Lipar K., Tosenovsky P., <u>Matia I.</u> <i>Transpl Proc</i> 2004;36:1099-1100. ISSN 0041-1345

	<b>Morphological changes of small bowel graft in Wistar rats after preservation injury.</b> Balaz P., <u>Matia I.</u> , Jackanin S., Pomfy M., Fronek J., Ryska M. <i>Brat Lek Listy</i> 2004;105:62-64. ISSN 0006-9248
2011	<b>Polypropylene mesh repair of incisional hernia after kidney transplantation single-center experience and review of the literature.</b> Varga M., <u>Matia I.</u> , Kucera M., Oliverius M., Adamec M. <i>Ann Transplant.</i> 2011; 16:121-5. ISSN 1425-9524
2012	<b>Tacrolimus inhibits intimal hyperplasia in arterialised veins in rats</b> Varga M., <u>Matia I.</u> , Lodererova A., Adamec M. <i>Brat Lek Listy</i> 2012; 113:5-9. ISSN 0006-9248
2013	<p><b>Outcome after open surgery repair in endovascular-suitable patients with ruptured abdominal aortic aneurysm</b> Krenzien F., <u>Matia I.</u>, Wiltberger G., Hau H-M., Freitas B., Moche M., Schmelzle M., Jonas S., Fellmer P. <i>Vasa</i> 2013, 42:442-448 ISSN 0301-1526</p> <p><b>Arterial allografts in vascular surgery- best choice in cases of aortic graft infection?! [Article in German]</b> Fellmer P., <u>Matia I.</u>, Jonas S. <i>Zentralbl Chir</i> 2013 Oct;138(5):530-5 ISSN: 1438-9592</p> <p><b>The minimal dose of FK506 is sufficient to facilitate the arterialisation of venous allografts in rats.</b> Varga M., <u>Matia I.</u>, Lodererova A., Adamec M. <i>Eur Surg</i> 2013;45(1):8-14. ISSN 1682-8631</p> <p><b>Early results after peripheral vascular replacement with biosynthetic collagen prosthesis in cases of graft infection. [Article in German]</b> Fellmer P., Wiltberger G., Tautenhahn H-M., <u>Matia I.</u>, Krenzien F., Jonas S. <i>Zentralbl Chir</i> 2013, DOI: 10.1055/s-0032-1327968, ISSN: 1438-9592</p>
2014	<p><b>Early prediction of survival after open surgical repair of ruptured abdominal aortic aneurysms</b> Krenzien F., <u>Matia I.</u>, Wiltberger G., Hau HM., Schmelzle M., Jonas S., Keisers UX, Fellmer PT <i>BMC Surg.</i> 2014 Nov 18;14(1):92. doi: 10.1186/1471-2482-14-92</p> <p><b>Application of gentamicin-collagen sponge shortened wound healing after minor amputations in diabetic patients- a prospective, randomised trial</b> Varga M., Sixta B., Bem R., <u>Matia I.</u>, Jirkovska A., Adamec M. <i>Arch Med Sci.</i> 2014 May 12;10(2):283-7. doi: 10.5114/aoms.2014.42580. Epub 2014 May 13 ISSN: 1734-1922</p> <p><b>Mid and long-term results after replacement of infected peripheral vascular prosthetic grafts with biosynthetic collagen prosthesis</b> Wiltberger G., <u>Matia I.</u>, Schmelzle M., Krenzien F., Hau HM., Freitas B., Jonas S., Fellmer PT. <i>J Cardiovasc Surg (Torino).</i> 2014 Apr 3 ISSN:0021-9509</p>

2015	<p><b>Prognostic significance of macrophage invasion in hilar cholangiocarcinoma</b>  Atanasov G, Hau HM, Dietel C, Benzing C, Krenzien F, Brandl A, Wiltberger G, <u>Matia I.</u>, Prager I, Schierle K, Robson SC, Reutzel-Selke A, Pratschke J, Schmelzle M, Jonas S.  <i>BMC Cancer.</i> 2015 Oct 24;15:790. doi: 10.1186/s12885-015-1795-7.</p> <p><b>Risk Stratification of Ruptured Abdominal Aortic Aneurysms in Patients Treated by Open Surgical Repair</b>  Krenzien F., Wiltberger G., Hau HM, <u>Matia I.</u>, Benzing C., Atanasov G., Schmelzle M., Fellmer PT  <i>Eur J Vasc Endovasc Surg.</i> 2015 Aug 5. pii: S1078-5884(15)00521-3. doi: 10.1016/j.ejvs.2015.07.003. [Epub ahead of print]</p>
2016	<p><b>Cold-stored arterial allografts for in situ reconstruction of infected prosthetic grafts. Review of immunosuppressive protocols used in clinical practice</b>  Spunda R., Hraby J., Adamec M., Varga M., Lindner J., Matia I., Spacek M  <i>Eur Surg</i> (2016) 48 [Suppl 2]:S166–S168 DOI 10.1007/s10353-016-0401-9</p>
2020	<p><b>Comparison of Different Thawing Protocols in Human Cryopreserved Venous Grafts.</b>  Spacek M., Mericka P., Janousek L., Dalecka M., Benda A., Krs O., Slizova D., Spunda R., Hraby J., <u>Matia I.</u>, Honegrova B., Lindner J.  <i>Ann Vasc Surg.</i> 2020 Apr;64:347-354</p>

#### ARTICLES WITH NO IMPACT FACTOR - FIRST AUTHOR (1)

2004	<p><b>Ischaemia of the large intestine following parallel kidney transplantation and the abdominal aortic aneurysm replacement using a fresh arterial graft implant.</b> [Article in Czech]  <u>Matia I.</u>, Adamec M., Fronek J., Tosenovsky P., Janousek L., Balaz P., Langer D., Lipar K., Lacha J.  <i>Rozhl Chir</i> 2004;83:121-127. ISSN: 0035-9351.</p>
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#### ARTICLES WITH NO IMPACT FACTOR – CO-AUTHOR (16)

1999	<p><b>Spleen autotransplantation after trauma injury.</b> [Article in Slovak]  Jackanin S., Balaz P., Jakubik P., <u>Matia I.</u>  <i>Bulletin HPB</i> 1999;7:14-18. ISSN 1210-6755.</p>
2000	<p><b>The experimental influence of L-arginine on the preservation-reperfusion injury in autotransplanted kidneys.</b> [Article in Slovak]  Balaz P., Jackanin S., Jakubik P., <u>Matia I.</u>  <i>Bulletin HPB</i> 2000;8:136-139. ISSN 1210-6755</p>

<b>2002</b>	<b>Technique of heterotopical small bowel autotransplantation in dogs.</b> [Article in Slovak] Rokosny S., Kiss J., Balaz P., <u>Matia I.</u> , Jackanin S., Wohlfahrt P., Pingorova S., Pomfy M. <i>Bulletin HPB</i> 2002;10:89-92. ISSN 1210-6755
<b>2004</b>	<b>Allogenic greater saphenous vein in the therapy of diabetic foot syndrom.</b> [Article in Czech] Janousek L., Adamec M., <u>Matia I.</u> , Lipar K., Tosenovsky P. <i>Suppl 1 Bulletin HPB</i> 2004;12:54-55. ISSN 1210-6755.  <b>Histological changes in the jejunal wall following its autotransplantation in a dog.</b> [Article in Slovak] Balaz P., <u>Matia I.</u> , Kiss J., Jackanin S., Rokosny S., Wohlfahrt P., Pingorova S., Pomfy M. <i>Rozhl Chir</i> 2004;83:246-250. ISSN: 0035-9351
<b>2005</b>	<b>Experimental use of the peritoneal graft as a vascular prosthesis.</b> [Article in Slovak] Rokosny S., Kiss J., Wohlfahrt P., Balaz P., <u>Matia I.</u> , Stefan T., Pomfy M. <i>Rozhl Chir</i> 2005;84:228-232. ISSN: 0035 – 9351
<b>2008</b>	<b>Metatarsophalangeal joint resection as an alternative to transmetatarsal amputation in the treatment of diabetic foot syndrom.</b> [Article in Czech] Varga M., Sixta B., <u>Matia I.</u> , Jirkovská A., Hačkajlo D., Skibová J., Adamec M. <i>Bulletin HPB</i> 2008;16. ISSN 1210-6755.
<b>2009</b>	<b>Pancreatic resection for metastatic cell carcinoma.</b> [Article in Czech] Varga M., Oliverius M., Valsamis A., Kučera M., Gurlich R., Šafanda M., <u>Matia I.</u> , Honsová E. <i>Klin Onkol</i> 2009;22:288-90. ISSN 0862-495 X  <b>Transarterial chemoembolization in the treatment of hepatocellular carcinoma.</b> [Article in Czech] Varga M., Valsamis A., <u>Matia I.</u> , Peregrin J., Honsová E., Šafanda M., Oliverius M. <i>Rozhl Chir</i> 2009;88:434-438. ISSN: 0035 – 9351
<b>2010</b>	<b>Acute occlusion of the splanchnic vascular bed after cardiac surgery.</b> [Article in Czech] Varga M., <u>Matia I.</u> , Kučera M., Sixta B., Kočík M., Oliverius M., Pirk J., Adamec M. <i>Cor et Vasa</i> 2010;52:252-256. ISSN 0010-8650
<b>2011</b>	<b>Effect of legal regulations on the use of fresh arterial homografts. Problems in clinical practice.</b> [Article in German] Fellmer P., <u>Matia I.</u> , Tautenhahn H.-M., Jonas S. <i>Gefässchirurgie</i> 2011; 16:403–406. ISSN: 0948-7034  <b>Immunosuppression following venous allografts transplantation – the authors' experience.</b> [Article in Czech] Adamec M., <u>Matia I.</u> , Janousek L. <i>Rozhl Chir</i> 2011;90:130-133. ISSN: 0035-9351

	<b>Eversion carotid endarterectomy: Evaluation of results after changing the operative technique.</b> [Article in Czech] Janousek L., Marada T., Chlupac J., Lipar K., Balaz P., Rokosny S., <u>Matia I.</u> , Adamec M. <i>Cas Lek Cesk</i> 2011; 150:41-3. ISSN 0008-7335
2013	<b>Interventional vascular medicine in trauma patients – skills necessary for effective treatment of blunt trauma</b> Soares BLF., <u>Matia I.</u> , Moche M., Krenzien F., Jonas S., Fellmer PT. <i>Rev Int Serv Sante Forces Armees</i> , 2013,86(4):30-37 ISSN 0035-3469  <b>Disease of arterial and venous system in adipose patients</b> [Article in German] Fellmer PT., Matia I., Krenzien F., Moche M., Jonas S. <i>Adipositas</i> 2013, 7(4):229-235 ISSN:1865-1739
2015	<b>Therapy of acute arterial Occlusion of the upper Extremities in patients with secondary Antiphospholipid Syndrome</b> [Article in German] Benzing C., <u>Matia I.</u> , Fuchs J., Fellmer PT. <i>Gefässchirurgie</i> 2015 20:508-511 DOI 10.1007/s00772-015-0028-3

<b>BOOK CHAPTERS (5)</b>	
2006	<u>Matia I.</u> , Sabol M., Molcanyi M. <b>Transplantation of spleen tissue.</b> In: Balaz P., Mergental H. eds. <i>Transplantation in experiment</i> [in Czech]. Prague:Galen, 2006: 133-137.  <u>Matia I.</u> , Havlickova J., Balaz P., Adamec M. <b>Abdominal aortic transplantation.</b> In: Balaz P., Mergental H. eds. <i>Transplantation in experiment</i> [in Czech]. Prague:Galen, 2006: 101-105.  Balaz P., Kudla M., <u>Matia I.</u> <b>Small bowel transplantation.</b> In: Balaz P., Mergental H. eds. <i>Transplantation in experiment</i> [in Czech]. Prague:Galen, 2006: 95-99.
2011	Adamec M., <u>Matia I.</u> <b>Surgical therapy - parathyreoidectomy.</b> In: Sotornik I., Kutilek S. eds. <i>Bone minerals and skelet in chronic renal disease</i> [in Czech]. Prague:Galen, 2011: 207-210.
2015	<u>Matia I.</u> , Varga M., Fellmer P. <b>Transplantation of vascular allograft.</b> In: Girman P., Kriz J., Balaz P. eds. <i>Rat experimental transplantation surgery: a practical guide</i> . Springer, 2015, p.227-248