

# Curriculum Vitae

## Matija Borić, MD, PhD

University of Split School of Medicine  
Laboratory for Pain Research  
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### Personal information

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Date of birth: December 19, 1987, Split, Croatia  
Nationality: Croatian

### Education

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2013 – 2015 PhD, TRIBE program, University of Split School of  
Medicine, Croatia  
2006 – 2012 MD, University of Split School of Medicine, Croatia

### Work experience

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07/2014 – today Resident, Department of Surgery, University Hospital of  
Split, Croatia  
01/2014 – 07/2014 Teaching assistant, Department of Anatomy, Histology  
and Embryology, University of Split School of Medicine  
01/2013 – 01/2014 Laboratory assistant, Laboratory for Pain Research,  
Department of Anatomy, Histology and Embryology,  
University of Split School of Medicine  
11/2012 – 11/2013 Obligatory internship, University Hospital of Split,  
Croatia

### Publications in peer-reviewed journals

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1. Pogorelić Z, Borić M, Markić J, Jukić M, Grandić L. A Case of 2-Year-Old Child with Entero-Enteric Fistula Following Ingestion of 25 Magnets. Acta Medica (Hradec Kralove). 2016;59(4):140-142.

2. Biocic M, Vidosevic D, **Boric M**, Boric T, Fabijanic D, Giunio L, Puljak L. Anesthesia and perioperative pain management during cardiac electronic device implantation. *Journal of Pain Research*. Accepted.
3. Boric K, **Boric M**, Boric T, Puljak L. Analysis of perioperative pain management in vascular surgery indicates that practice does not adhere with guidelines: a retrospective cross-sectional study. *Journal of Pain Research*. 2017;10:203-9.
4. Jeric M, Vuica A, **Boric M**, Puljak L, Jelacic Kadic A, Grkovic I, Filipovic N. Diabetes mellitus affects activity of calcium/calmodulin-dependent protein kinase II alpha in rat trigeminal ganglia. *Journal of Chemical Neuroanatomy*. 2015;64-65:12-19.
5. **Boric M**, Jelacic Kadic A, Puljak L. Cutaneous expression of calcium/calmodulin-dependent protein kinase II in rats with type 1 and type 2 diabetes. *Journal of Chemical Neuroanatomy*. 2014; 61-62C:140-146.
6. **Boric M**, Jelacic Kadic A, Puljak L. The expression of calcium/calmodulin-dependent protein kinase II in dorsal horn of rats with type 1 and type 2 diabetes. *Neurosci Lett*. 2014;579:151-6.
7. Jelacic Kadic A, **Boric M**, Vidak M, Ferhatovic L, Puljak L. Changes in epidermal thickness and cutaneous innervation during maturation in long term diabetes. *J Tissue Viability*. 2014;23:7-12.
8. Ferhatovic L, Jelacic Kadic A, **Boric M**, Puljak L. Changes of calcium/calmodulin-dependent protein kinase II expression in dorsal root ganglia during maturation in long-term diabetes. *Histol Histopathol*. 2014;29:649-658.
9. Jelacic Kadic A, **Boric M**, Kostic S, Sapunar D, Puljak L. The effects of intraganglionic injection of calcium/calmodulin-dependent protein kinase II inhibitors on pain-related behavior in diabetic neuropathy. *Neuroscience*. 2013;256:302-8.
10. **Boric M**, Skopljanac I, Ferhatovic L, Jelacic Kadic A, Banozic A, Puljak L. Reduced epidermal thickness, nerve degeneration and increased pain-related behavior in rats with diabetes type 1 and 2. *J Chem Neuroanat*. 2013;53:33-40.
11. Jelacic Kadic A, **Boric M**, Ferhatovic L, Banozic A, Sapunar D, Puljak L. Intrathecal inhibition of calcium/calmodulin-dependent protein kinase II in diabetic neuropathy adversely affects pain-related behavior. *Neurosci Lett*. 2013;554:126-30.
12. **Boric M**, Jelacic Kadic A, Ferhatovic L, Sapunar D, Puljak L. Calcium/calmodulin-dependent protein kinase II in dorsal horn neurons in long-term diabetes. *NeuroReport*. 2013;24:992-6.
13. Sunde J, **Borić M**, Urlić N, Urlić L. Comparison of twinning rates for villages in Makarska region, Croatia. *J Biosoc Sci*. 2013;45:841-52.

## **Publications Abstracts/presentations at scientific meetings**

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1. **Boric M**, Jelacic Kadic A, Puljak L. Changes of calcium/calmodulin-dependent protein kinase II expression in spinal cord in rat models of type 1 and type 2 diabetes. Poster presentation. The 6<sup>th</sup> international symposium of clinical and applied anatomy. Malinska Krk, June 26-29. 2014.
2. **Boric M**, Jelacic Kadic A, Puljak L. The expression of calcium/calmodulin-dependent protein kinase II in spinal cord in rat models of type 1 and type 2 diabetes. Poster presentation. Bridges in Life Sciences 9<sup>th</sup> Annual Scientific Conference. Split, Croatia, May 27- June 1, 2014
3. **Boric M**, Jelacic Kadic A, Puljak L. Cutaneous expression of calcium/calmodulin-dependent protein kinase II following diabetes induction. Poster presentation. Bridges in Life Sciences 9<sup>th</sup> Annual Scientific Conference. Split, Croatia, May 27- June 1, 2014

4. Borsanyiova M, Sarmirova S, Puljak L, Jelacic Kadic A, **Boric M**, Vari SG, Bopemgamage S. A pilot study applicability of standardized modified method of dry (throat/buccal) swabs in PCR diagnosis of enteroviral infections. Oral presentation. Bridges in Life Sciences 9<sup>th</sup> Annual Scientific Conference. Split, Croatia, May 27-June 1, 2014
5. Jelacic Kadic A, **Boric M**, Kostic S, Sapunar D, Puljak L. Intrathecal and intraganglionic injection of calcium/calmodulin-dependent protein kinase II inhibitors as potential treatment of neuropathic pain-related behavior. Poster presentation. Workshop Application of biomaterials and in vivo imaging in stem cell research. Zagreb, Croatia, March 27-29, 2014
6. Jelacic Kadic A, **Boric M**, Kostic S, Sapunar D, Puljak L. The effects of intraganglionic injection of calcium/calmodulin-dependent protein kinase II inhibitors on pain-related behavior in diabetic neuropathy. Oral presentation. 4<sup>th</sup> RECOOP TriNet Meeting. Split, Croatia, October 10-13, 2013.
7. Jelacic Kadic A, **Boric M**, Ferhatovic L, Banozic A, Sapunar D, Puljak L. Intrathecal inhibition of calcium/calmodulin-dependent protein kinase II in diabetic neuropathy adversely affects pain-related behavior. Oral presentation. 4<sup>th</sup> RECOOP TriNet Meeting. Split, Croatia, October 10-13, 2013.
8. Ferhatovic L, Jelacic A, **Boric M**, Banozic A, Spunar D, Puljak L. Expression of calcium/calmodulin-dependent protein kinase II in dorsal root ganglia in diabetic rats 6 months and 1 year after diabetes induction. Poster presentation. 3<sup>rd</sup> Annual Meeting of the Scandinavian Association for the Study of Pain. Helsinki, Finland, June 13-15, 2013.

## Courses

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1. 13th CROATIAN CONGRESS OF ENDOSCOPIC with International Participation, Tuheljske toplice, Croatia, May 18-21, 2016
2. Bridges in Life Sciences 9th Annual Scientific Conference. Split, Croatia, May 27-June 1, 2014
3. Workshop Application of biomaterials and in vivo imaging in stem cell research. Zagreb, Croatia. March 27-29, 2014
4. 4th RECOOP TriNet Meeting. Split, Croatia. October 10-13, 2013
5. Summer School of Scientific Communication in Split, Croatia, July, 15-18, 2013
6. ORPHEUS workshop and educational package Responsible Conduct in Research. Dubrovnik, June, 24-26, 2013
7. 5th Croatian Cochrane Symposium, University of Split, School of Medicine, Split, April 20, 2013

## Student activities

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2011	Member of the Croatian medical students' project "mRAKkampanja"
2008 – 2012	Demonstrator (teaching assistant) for Anatomy

## Other activities

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Member of ERAS team (Enhanced recovery after surgery), Department of Surgery,  
University Hospital of Split, Croatia

## **Language skills**

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Croatian (Native speaker)

English (Advanced)

Italian (Intermediate)

Spanish (Basic)

## **Knowledge of computer programs**

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Microsoft Office, Adobe Illustrator, Adobe Photoshop, End Note, Metamorph, ImageJ