OSOBNE INFORMACIJE

Matea Nikolac Perković

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Spol Ženski | Datum rođenja 08/04/1984 | Državljanstvo Hrvatsko

RADNO ISKUSTVO

rujan 2019. -	znanstveni suradnik Institut „Ruđer Bošković“, Bijenička cesta 54, 10000 Zagreb
svibanj 2018. - svibanj 2019.	poslijedoktorand Centro de Excelencia en Metabolómica y Bioanálisis (CEMBIO), Universidad CEU San Pablo, Madrid, Španjolska
lipanj 2015. - rujan 2018.	znanstveni novak - poslijedoktorand Institut „Ruđer Bošković“, Bijenička cesta 54, 10000 Zagreb
svibanj 2009. - lipanj 2015.	znanstveni novak - asistent Institut „Ruđer Bošković“, Bijenička cesta 54, 10000 Zagreb

OBRAZOVANJE I OSPOSOBLJAVANJE

2010. – 2015.	doktor znanosti Sveučilišni poslijediplomski interdisciplinarni doktorski studij Molekularne bioznanosti, Sveučilište u Osijeku
2002. – 2008.	dipl. ing. biologije – smjer molekularna biologija Biološki odsjek, Prirodoslovno matematički fakultet, Sveučilište u Zagrebu
1998. – 2002.	srednja stručna sprema “2. opća gimnazija”, Zagreb

OSOBNE VJEŠTINE

Materinski jezik: Hrvatski

Ostali jezici

	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
Engleski	C1/2	C1/2	C1/2	C1/2	C1/2
Talijanski	A1/2	A1/2	A1/2	A1/2	A1/2
Francuski	A1/2	A1/2	A1/2	A1/2	A1/2
Španjolski	A1/2	A1/2	A1/2	A1/2	A1/2

Stupnjevi: A1/2: Početnik - B1/2: Samostalni korisnik - C1/2 Iskusni korisnik
Zajednički europski referentni okvir za jezike

Računalne vještine
- Odlično znanje programskog paketa Microsoft Office, programa Photoshop i EndNote te programa za statističku obradu podataka (SigmaStat, MedCalc, SPSS, Gpower, SIMCA).

Vozačka dozvola
- B kategorija

DODATNE INFORMACIJE

Sudjelovanja na znanstvenim/stručnim skupovima

- 17. lipanj 2021.
  16th CFGBC Symposium, virtualni kongres, Slovenija, oralna prezentacija ("Alzheimer's disease and candidate gene analysis of DNA methylation")
- 15. - 16. listopada 2020.
  Hrvatski kongres o Alzheimerovoj bolesti s međunarodnim sudjelovanjem, CROCAD-20, virtualni kongres, Hrvatska, oralna prezentacija („Citokini u Alzheimerovoj bolesti/Cytokines in Alzheimer's disease")
- 25. - 28. rujna 2019.
  9. Hrvatski kongres farmakologije s međunarodnim sudjelovanjem, Zagreb, Hrvatska, oralna prezentacija („Metabolomics in PTSD: Introduction and preliminary findings")
- 23. - 27. lipnja 2019.
  Metabolomics 2019, Haag, Nizozemska, posterska prezentacija („Metabolic alterations in breast cancer: searching for circulating makers of breast cancer risk")
- 26. listopad 2017.
  Institut za eksperimentalnu medicinu, Budimpešta, Mađarska, pozvano predavanje u sklopu gostovanja („The role of COMT Val158Met polymorphism in PTSD symptomatology")
- 20. - 23. rujna 2017.
  FENS Regional Meeting 2017, Pečuh, Mađarska, posterska prezentacija ("The role of COMT Val158Met polymorphism in PTSD symptomatology ")
- 5. - 8. listopada 2016.
  Hrvatski kongres o Alzheimerovoj bolesti s međunarodnim sudjelovanjem, CROCAD-16, Tučepi, Hrvatska, posterska prezentacija („Regulation of brain-derived neurotrophic factor and sorting receptor SORLA gene expression in dementia: a preliminary study")
- 15. - 18. rujna 2016.
  8. Hrvatski kongres farmakologije s međunarodnim sudjelovanjem, Split, Hrvatska, oralna prezentacija („Biomarkers of sleep disturbances in PTSD")
- 2. - 6. srpnja 2016.
  10th FENS Forum of Neuroscience, Kopenhagen, Danska, posterska prezentacija („Brain-derived neurotrophic factor plasma levels: relationship to cognitive and non-cognitive symptoms of dementia")
- 20. svibnja 2016.
  Dan Molekularnih bioznanosti, povodom 10 godina rada Poslijediplomskog interdisciplinarnog studija Molekularne bionaznanosti, Zagreb, Hrvatska, pozvano predavanje („Uloga moždanog neurotrofnog čimbenika u demenciji")
- 17. - 19. rujna 2015.
  V. hrvatski kongres neuroznanosti s međunarodnim sudjelovanjem, Split, Hrvatska, posterska prezentacija („Brain-derived neurotrophic factor and cognitive symptoms of dementia")
- 7. studeni 2014.
  Društvo sveučilišnih nastavnika i drugih znanstvenika u Zagrebu, Zagreb, Hrvatska, pozvano predavanje povodom dobivene nagrade spomenutog Društva mladim znanstvenicima i umjetnicima za 2013. god., („The association between the catechol-O-methyltransferase

Val108/158Met polymorphism and hyperactive–impulsive and inattentive symptoms in youth")

- studeni 2014.
  Godišnja skupština Hrvatskog društva farmakologa, Zagreb, Hrvatska, pozvano predavanje (Uloga katehol-O-metil transferaze u razvoju simptoma ADHD-a")
- 1. - 4. listopada 2014.
  Hrvatski kongres o Alzheimerovoj bolesti s međunarodnim sudjelovanjem, CROCAD-14, Brela, Hrvatska, oralna prezentacija („BDNF plasma levels and cognitive function in patients with alzheimer's disease and mild cognitive impairment")
- 27. - 29. rujna 2013.
  SiNAPSA Neuroscience Conference '13, Ljubljana, Slovenija, posterska prezentacija („The association of BDNF polymorphisms and cognitive function in patients with Alzheimer's disease and mild cognitive impairment")
- 20. - 21. rujna 2013.
  IV. hrvatski kongres neuroznanosti s međunarodnim sudjelovanjem, Zagreb, Hrvatska, posterska prezentacija („Polymorphisms of the brain-derived neurotrophic factor and cognitive impairment in patients with Alzheimer's disease and mild cognitive impairment")
- studeni 2012.
  Godišnja skupština Hrvatskog društva farmakologa, Zagreb, Hrvatska, pozvano predavanje (Farmakogenetika antipsihotika")
- 26. - 27. travnja 2012.
  Znanstveni skup u sklopu projekta COST Action CM1103 „Structure-based drug design for diagnosis and treatment of neurological diseases: dissecting and modulating complex function in the monoaminergic systems of the brain", Zagreb, Hrvatska, pozvano predavanje („Monoaminergic background of ADHD")
- studeni 2011.
  Psihijatrijska bolnica „Sveti Ivan", Zagreb, Hrvatska, pozvano stručno predavanje („Farmakogenetika antipsihotika")
- 28.08. - 01.09. 2011.
  Biennial Meeting of ISN-ESN, Atena, Grčka, posterska prezentacija („The association between catechol-O-methyltransferase gene variants and childhood attention deficit hyperactivity disorder")
- 15. - 18. rujna 2010.6.
  Hrvatski kongres farmakologije s međunarodnim sudjelovanjem, Opatija, Hrvatska, posterska prezentacija („Association of attention-deficit/hyperactivity disorder symptoms with the solute carrier family (sodium/hydrogen exchanger) isoform 9 (SLC9A9)")

Projekti

- 2021.-2023.
  Testiranje dehidroepiandrosterona kao potencijalnog tretmana za Alzheimerovu bolest koristeći *in vitro* i *in vivo* modele; Ministarstvo znanosti i obrazovanja (MZO); suradnik na projektu
- 2020.-2024.
  Terapijski potencijal neurosteroida i neurotrofina u demenciji; Hrvatska zaklada za znanost (HRZZ); suradnik na projektu
- 2019.-2020.
  Uloga glazbe i zvukova u odgovoru na stress: psihofiziološki pokazatelji; Hrvatska akademija znanosti i umjetnosti (HAZU); suradnik na projektu
- 2019.-2021.
  Translacijsko istraživanje povezanosti agresije i genetskih varijanti gena uključenih u serotoninski i testosteronski sustav kod muških adolescenata i na animalnim modelima; Sveučilište Utah; suradnik

na projektu

- 2019.-2020.
  Dešifriranje PTSP-a iz promijena u glikomu: biomarkeri, patogeneza i terapijske mogućnosti; Ministarstvo znanosti i obrazovanja (MZO); suradnik na projektu
- 2018-2021.
  Rano otkrivanje Alzheimerove bolesti na temelju metilacijskog statusa gena kandidata u tekućim biopsijama cfDNA; Slovenska agencija za znanost; suradnik na projektu
- 2017. - 2018.
  MTA Distinguished Guest Fellowship Programme in Hungary; projekt gostujućeg profesora u Institutu za eksperimentalnu medicinu; suradnik na projektu
- 2017. - 2021.
  Technology & Know-how Transfer in Metabolomics and Establishment of Latest Scientific Equipment in Zagreb; Offset projekt tvrtke Patria CRO_A-00033; suradnik na projektu
- 2017. - 2018.
  Crosstalk between bone and vascular redox state in diabetes; European Foundation for the Study of Diabetes (EFSD); suradnik na projektu
- 2016. - 2017.
  Dijagnostika demencije Alzheimerovog tipa primjenom diferencijalne razlikovne kalorimetrije; Hrvatska agencija za malo gospodarstvo, inovacije i investicije (HAMAG-BICRO); suradnik na projektu
- 2015. - 2019.
  Genomski i glikanski biomarkeri PTSP-a; HRZZ; suradnik na projektu
- 2015. - 2018.
  Multidisciplinary Metrics for Soldier Resilience Prediction and Training; NATO projekt (NATO Science for Peace and Security Programme); suradnik na projektu
- 2015. - 2016.
  Utjecaj religioznosti na ishod liječenja depresije: klinički i biološki pokazatelji; Sveučilište u Zagrebu; suradnik na projektu
- 2014. - 2015.
  The role of 5-HT6 receptors in Alzheimer's disease, Hrvatsko-Slovenski bilateralni projekt; MZO; suradnik na projektu
- 2013. - 2017.
  The association between stress, genetic variants of the catechol-O-methyltransferase and mu opioid receptor gene polymorphisms and tobacco smoking in patients with schizophrenia; projekt između Sveučilišta Michigan (SAD), IRB-a i Klinike za psihijatriju Vrapče; suradnik na projektu
- 2011. - 2015.
  Otkrivanje i praćenje bioloških biljega radi rane terapijske intervencije u Alzheimerovoj bolesti; HRZZ; suradnik na projektu
- 2011. - 2015.
  Structure-based drug design for diagnosis and treatment of neurological diseases: dissecting and modulating complex function in the monoaminergic systems of the brain; European cooperation in science and tehnology (COST); suradnik na projektu
- 2009. - 2010.
  Genetički čimbenici kao pokazatelji suicida, Hrvatsko-Slovenski bilateralni projekt; MZO; suradnik na projektu
- 2007. - 2015.
  Molekularna podloga i liječenje psihijatrijskih i stresom izazvanih poremećaja; MZO; suradnik na projektu

Priznanja i nagrade

- Koautor rada koji je nagrađen nagradom Instituta "Ruđer Bošković" za najbolji znanstveni rad u 2018. godini
- Koautor rada koji je nagrađen nagradom Instituta "Ruđer Bošković" za najbolji znanstveni rad u 2017. godini
- Koautor postera nagrađenog, u sklopu Hrvatskog kongresa o Alzheimerovoj bolesti s međunarodnim sudjelovanjem 2016., kao najbolji poster iz temeljnog područja Alzheimerove bolesti
- Godišnja nagrada Instituta „Ruđer Bošković„ (IRB) za najbolji znanstveni rad u 2014. godini (za znanstvenicu koja nije imala doktorat u trenutku objave rada)
- Koautor rada nagrađenog nagradom „Dr. Ivo Žirovčić“ Hrvatskog psihijatrijskog društva za najbolje vrednovani znanstveni rad objavljen u razdoblju od 2011. do 2014. godine
- Državna nagrada za znanost za 2013. god. - Godišnja nagrada znanstvenim novacima
- Nagrada Društva sveučilišnih nastavnika i drugih znanstvenika u Zagrebu mladim znanstvenicima i umjetnicima za 2013. god.
- Koautor rada koji je nagrađen 2012. godine nagradom „Ante Šercer“ Akademije medicinskih znanosti Republike Hrvatske
- Koautor radova objavljenih u 2011. god. koji su nagrađeni nagradom Hrvatske akademije znanosti i umjetnosti (HAZU) iz područja medicinskih znanosti
- Koautor rada koji je nagrađen 2010. godine Godišnjom nagradom Ravnateljice Instituta Ruđer Bošković za izniman uspjeh znanstvenika u 2010. godini u području molekularne medicine

Stipendije

- FENS-IBRO/PERC Travel Grant za sudjelovanje na znanstvenom skupu "10th FENS Forum of Neuroscience", 2016, Kopenhagen, Danska
- Stipendija Instituta Ruđer Bošković Institute i Francuske ambasade u Zagrebu za kratkoročni boravak na "Institut des maladies neurodégénératives (IMN)", 2016, Bordeaux, Francuska
- MTA Distinguished Guest Fellowship Programme in Hungary; stipendija za kratkoročni boravak (mjesec dana) na "Institute for Experimental Medicine (KOKI)", Budimpešta, Mađarska
- International Society of Neurochemistry (ISN) Travel Award za sudjelovanje na znanstvenom skupu „23rd Biennial Meeting of ISN-ESN“, 2011, Atena, Grčka

Usavršavanja

- Boravak na Institutu za biokemiju, Medicinski fakultet Sveučilišta u Ljubljani, Ljubljana, Slovenija tijekom prosinca 2019. god. (1. - 8. prosinca 2016.)
- Boravak na znanstvenoj instituciji "Institute of Neurodegenerative Diseases (IMN)", Bordeaux, Republika Francuska tijekom prosinca 2016. god. (10. - 18. prosinca 2016.)
- Boravci na znanstvenoj instituciji „Institute of Experimental Medicine“, Budimpešta, Mađarska u periodu između listopada i prosinca 2017. god. (15. - 29. listopada 2017., 12. - 18. studeni 2017., 10. - 16. prosinca 2017.)
- Jednogodišnji boravak na znanstvenoj instituciji „The Centre of Metabolomics and Bioanalysis (CEMBIO)“, Madrid, Španjolska u planu je u periodu od travnja 2018. god. do travnja 2019. god. Poslijedoktorsko usavršavanje bit će pokriveno iz offset projekta tvrtke Patria CRO_A-00033 "Technology & Know-how Transfer in Metabolomics and Establishment of Latest Scientific Equipment in Zagreb" (voditelj: Neven Žarković), a sve u svrhu usavršavanje iz područja metabolomike i bioanalize.

Članstva

- Hrvatsko društvo farmakologa
- European Pharmacological Society

- International Union of Pharmacological Society
- Hrvatsko društvo za neuroznanost
- International Brain Research Organization
- Federation of European Neuroscience Societies
- Hrvatsko društvo za Alzheimerovu bolest i psihijatriju starije životne dobi
- Alzheimer Europe
- Mediterranean Alzheimer Alliance
- Hrvatsko društvo za znanost o laboratorijskim životinjama
- Federation of Laboratory Animal Science Associations

Nastava

- Sudjelovanje u održavanju nastave iz neobaveznog kolegija „60206 Biomembrane“, Diplomski sveučilišni studij Molekularne biologije, Biološki odsjek Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu
- Sudjelovanje u održavanju nastave iz neobaveznog kolegija „2549/44039 Biofizika stanice“, Integrirani preddiplomski i diplomski sveučilišni studij – Fizika, istraživački smjer i Diplomski sveučilišni studij – Kemija, istraživački smjer, Fizički i Kemijski odsjek Prirodoslovno-matematičkog fakulteta Sveučilišta u Zagrebu
- Sudjelovanje u održavanju nastave iz kolegija „Odabrani animalni modeli psihijatrijskih poremećaja“, Sveučilišni poslijediplomski doktorski studij Biomedicina i zdravstvo, Medicinski fakultet Sveučilišta u Zagrebu
- Sudjelovanje u održavanju nastave iz kolegija „Molekularna biologija psihičkih poremećaja“, Poslijediplomski interdisciplinarni sveučilišni studij Molekularne bioznanosti, Sveučilište Josipa Jurja Strossmayera u Osijeku.

Popularizacija znanosti

- Sudjelovanje na manifestaciji Otvorenih dana Instituta «Ruđer Bošković»
- Sudjelovanje u prilogu „Zašto je teško dijagnosticirati ADHD i kako bi u budućnosti u tome mogao pomoći biokemijski biljeg?“ emisije Znanstveni krugovi (HRT), svibanj 2014.
- Sudjelovanje u prilogu „Bolja Hrvatska“ u sklopu emisije Dnevnik Nove TV (Nova TV), studeni 2014.
- Sudjelovanje u pisanju popularizacijskih članaka:
  Bilić M. Mislite da želite moj posao? Cosmopolitan, siječanj 2015, str. 66.
  Brabec M, Salečić I. Njihovo vrijeme tek dolazi: Matea Nikolac Perković. Elle, veljača 2015, str. 55.

Znanstveni doprinos

- Broj objavljenih radova:74
- Broj objavljenih poglavlja u knjigama: 18
- Broj citata/h-indeks: WoSCC (978/19); Google Scholar (1546/22); Scopus 1053/19
- Scopus Author ID: 35739150700
- PubMed search: ((Nikolac Perkovic, Matea[Author]) OR (Nikolac, Matea[Author])) OR (Perkovic, Matea Nikolac[Author])
  https://pubmed.ncbi.nlm.nih.gov/?term=%28%28Nikolac+Perkovic%2C+Matea%5BAuthor%5D%29+OR+%28Nikolac%2C+Matea%5BAuthor%5D%29%29+OR+%28Perkovic%2C+Matea+Nikolac%5BAuthor%5D%29

- **Znanstveni radovi:**

1. Pivac et al. The association between BDNF C270T genetic variants and smoking in patients with mental disorders and in healthy controls. Prog Neuropsychopharmacol Biol Psychiatry 113 (2022):110452
2. Dvojkovic et al. Effect of vortioxetine vs. escitalopram on plasma BDNF and platelet serotonin in depressed patients. Prog Neuropsychopharmacol Biol Psychiatry 105 (2021):110016
3. Babic Leko et al. Association of the MAOB rs1799836 single nucleotide polymorphism and APOE ε4 allele in Alzheimer's disease. Curr Alzheimer Res 18 (2021):585-594
4. Nedic Erjavec et al. Alcohol-related phenotypes and platelet serotonin concentration. Alcohol (Fayetteville, N.Y.) 97 (2021):41-49
5. Babic Leko et al. The association of essential metals with APOE genotype in Alzheimer's disease. J Alzheimers Dis 82 (2021):661-672
6. Svob Strac et al. Personalizing the Care and Treatment of Alzheimer's Disease: An Overview. Pharmgenomics Pers Med 14 (2021):631-653
7. Nedic Erjavec et al. Moderating Effects of BDNF Genetic Variants and Smoking on Cognition in PTSD Veterans. Biomolecules 11 (2021):641
8. Nikolac Perkovic, Matea et al. Epigenetics of Alzheimer's Disease. Biomolecules 11 (2021):195
9. Nedic Erjavec et al. Depression: Biological markers and treatment. Prog Neuropsychopharmacol Biol Psychiatry 105 (2021):110139
10. Konjevod et al. Metabolomics analysis of microbiota-gut-brain axis in neurodegenerative and psychiatric diseases. J Pharm Biomed Anal 194 (2021):113681
11. Podobnik et al. Detention in Juvenile Correctional Facilities Is Associated with Higher Platelet Monoamine Oxidase B Activity in Males. Biomolecules 10 (2020):1555
12. Grubor et al. HTR1A, HTR1B, HTR2A, HTR2C and HTR6 Gene Polymorphisms and Extrapyramidal Side Effects in Haloperidol-Treated Patients with Schizophrenia. Int J Mol Sci 21 (2020):2345
13. Svob Strac et al. Dehydroepiandrosterone (DHEA) and its Sulphate (DHEAS) in Alzheimer's Disease. Curr Alzheimer Res 7 (2020):141-141
14. Nikolac Perkovic et al. Catechol-O-methyltransferase rs4680 and rs4818 haplotype association with treatment response to olanzapine in patients with schizophrenia. Sci Rep 10 (2020):10049
15. Konjevod et al. Significant association of mu-opioid receptor 1 haplotype with tobacco smoking in healthy control subjects but not in patients with schizophrenia and alcohol dependence. Psychiatry Res 291 (2020):113278
16. Babic Leko et al. IL-1beta, IL-6, IL-10, and TNFalpha single nucleotide polymorphisms in human influence the susceptibility to Alzheimer's disease pathology. J Alzheimers Dis 75 (2020):1029-1047
17. Culjak et al. The association between TNF-alpha, IL-1 alpha and IL-10 with Alzheimer's disease. Curr Alzheimer Res 17 (2020):972-984
18. Sreter et al. Plasma Brain-Derived Neurotrophic Factor (BDNF) concentration and BDNF/TrkB gene polymorphisms in Croatian adults with asthma. J Pers Med 10 (2020):189
19. Konjevod et al. Metabolomics in posttraumatic stress disorder: Untargeted metabolomic analysis of plasma samples from Croatian war veterans. Free Radic Biol Med 162 (2020):636-641
20. Havelka Mestrovic et al. The impact of BDNF Val66Met on cognitive skills in veterans with posttraumatic stress disorder. Neurosci Lett 735 (2020):135235
21. Babic Leko et al. Relationships of cerebrospinal fluid Alzheimer's disease biomarkers and COMT, DBH, and MAOB single nucleotide polymorphisms. J Alzheimers Dis 73 (2020):135-145
22. Jaksic et al. Childhood trauma types and symptom severity in Croatian war veterans suffering from posttraumatic stress disorder (PTSD). Psychiatry Res 284 (2020):112762.
23. Kovacic Petrovic et al. The Association between Serotonin Transporter Polymorphism, Platelet Serotonin Concentration and Insomnia in Non-Depressed Veterans with Posttraumatic Stress Disorder. Psychiatr Danub 31 (2019):78-87
24. Sustar et al. Association between reduced brain-derived neurotrophic factor concentration & coronary heart disease. Indian J Med Res 150 (2019):43-49

25. Tudor et al. N-glycomic Profile in Combat Related Post- Traumatic Stress Disorder. Biomolecules 9 (2019):834.
26. Zivkovic et al. The lack of association between COMT rs4680 polymorphism and symptomatic remission to olanzapine monotherapy in male schizophrenic patients: A longitudinal study. Psychiatry Res 279 (2019):389-390
27. Huang et al. BDNF Val66Met polymorphism and clinical response to antipsychotic treatment in schizophrenia and schizoaffective disorder patients: a meta-analysis. Pharmacogenomics J 19 (2019): 269–276.
28. Konjevod et al. Metabolomic and glycomic findings in posttraumatic stress disorder. Prog Neuropsychopharmacol Biol Psychiatry 88 (2019): 181-193.
29. Svob Strac et al. The association between HTR1B gene rs13212041 polymorphism and onset of alcohol abuse. Neuropsychiatr Dis Treat 15 (2019): 339-347.
30. Babic Leko et al. Association of MAPT haplotype-tagging polymorphisms with cerebrospinal fluid biomarkers of Alzheimer's disease: A preliminary study in a Croatian cohort. Brain Behav 8 (2018): e01128.
31. Sagud et al. Haplotypic and genotypic association of catechol-O- methyltransferase rs4680 and rs4818 polymorphisms and treatment resistance in schizophrenia. Front Pharmacol 9 (2018): 705.
32. Nedic Erjavec et al. Short overview on metabolomic approach and redox changes in psychiatric disorders. Redox Biol 14 (2018): 178-186.
33. Nikolac Perkovic et al. The role of catechol-O-methyltransferase in cognition in Alzheimer's disease. Curr Alzheimer Res 15 (2018): 408-419.
34. Havelka Mestrovic et al. Significant association between catechol-O- methyltransferase (COMT) Val158/108Met polymorphism and cognitive function in veterans with PTSD. Neurosci Lett 666 (2018): 38-43.
35. Tudor et al. Genetic Variants of the Brain-Derived Neurotrophic Factor and Metabolic Indices in Veterans With Posttraumatic Stress Disorder. Front psychiatry 9 (2018).
36. Bozek et al. The influence of dopamine-beta-hydroxylase and catechol O-methyltransferase gene polymorphism on the efficacy of insulin detemir therapy in patients with type 2 diabetes mellitus. Diabetol Metab Syndr 9 (2017): 97.
37. Hirasawa-Fujita et al. Genotypic and haplotypic associations of catechol-O-methyltransferase (COMT) rs4680 and rs4818 with salivary cortisol in patients with schizophrenia. Psychiatry Res 259 (2017): 262-264
38. Nedic Erjavec et al. Short overview on metabolomic approach and redox changes in psychiatric disorders. Redox Biol 14 (2018): 178-186.
39. Nedic Erjavec et al. Cortisol in Schizophrenia: No Association with Tobacco Smoking, Clinical Symptoms or Antipsychotic Medication. Prog Neuropsychopharmacol Biol Psychiatry 77 (2017): 228-235.
40. Nikolac Perkovic et al. Theranostic Biomarkers for Schizophrenia. Int J Mol Sci 18 (2017): E733
41. Di Giovanni et al. Monoaminergic and histaminergic strategies and treatments in brain diseases. Front Neurosci 10 (2016): 541
42. Duvnjak et al. Dipeptidyl peptidase-4 activity is associated with urine albumin excretion in type 1 diabetes. J Diabetes Complications 31 (2016): 218-222
43. Sustar et al. A protective effect of the BDNF Met/Met genotype in obesity in healthy Caucasian subjects but not in patients with coronary heart disease. Eur Rev Med Pharmacol Sci 20 (2016): 3417-3426
44. Kovacic Petrovic et al. No association between the serotonin transporter linked polymorphic region polymorphism and severity of posttraumatic stress disorder symptoms in combat veterans with or without comorbid depression. Psychiatry Res 244 (2016): 376-381
45. Sagud et al. A prospective, longitudinal study of platelet serotonin and plasma brain-derived neurotrophic factor concentrations in major depression: effects of vortioxetine treatment. Psychopharmacology 233 (2016): 3259-3267
46. Svob Strac et al. Platelet monoamine oxidase type B, MAOB intron 13 and MAOA-uVNTR polymorphism and symptoms of posttraumatic stress disorder. Stress 19 (2016): 362-373
47. Duvnjak et al. Dipeptidyl peptidase-4 activity might be a link between tumour necrosis factor alpha and insulin resistance in type 1 diabetes. Endocrine 52 (2016): 453-458
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