### Články s IF nad 5, nominovatelné do Modulu 1 M17+ v roce 2020 (bez článků, které vyhrály cenu KD za excelentní publikaci v roce 2017 nebo 2018)*kvartil dle IF roku 2019 (uveden vždy jen nejvyšší)CO (včetně autocitací) k 27. 8. 2020*

#### původní článek

**1. Klánová** **M\***, Sehn LH, Bence-Bruckler I, Cavallo F, Jin J, Martelli M, Stewart D, Vitolo U, Zaja F, Zhang Q, Mattiello F, Sellam G, Punnoose EA, Szafer-Glusman E, Bolen ChR, Oestergaard MZ, Fingerle-Rowson GR, Nielsen T, **Trněný** **M**. Integration of cell of origin into the clinical CNS International Prognostic Index improves CNS relapse prediction in DLBCL. *Blood*. 2019, 133(9), 919-926. ISSN 0006-4971.
<https://doi.org/10.1182/blood-2018-07-862862>
UT WoS: [000461501400009](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000461501400009)
IF = 17.543 (2019) / Q1 / CO = 16

2. Lanikova L, Babosova O, Swierczek S, Wang L, Wheeler D, Divoky V, Korinek V, **Prchal** **J\***. Coexistence of gain-of-function JAK2 germ line mutations with JAK2(V617F) in polycythemia vera. *Blood*. 2016, 128(18), 2266-2270. ISSN 0006-4971.
<http://dx.doi.org/10.1182/blood-2016-04-711283>
UT WoS: [000388099600013](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000388099600013)
IF = 13.164 (2016) / Q1 / CO = 11

**3. Šmídová** **K**, Zikova A, Pospisil J, Schwarz M, **Bobek** **J**, Vohradsky J**\***. DNA mapping and kinetic modeling of the HrdB regulon in Streptomyces coelicolor. *Nucleic Acids Research*. 2019, 47(2), 621-633. ISSN 0305-1048.
<https://doi.org/10.1093/nar/gky1018>
UT WoS: [000467959100015](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000467959100015)
IF = 11.501 (2019) / Q1 / CO = 6

**4. Klánová** **M\***, Oestergaard MZ, **Trněný** **M**, Hiddemann W, Marcus R, Sehn LH, Vitolo U, Bazeos A, Goede V, Zeuner H, Knapp A, Sahin D, Spielewoy N, Bolen ChR, Cardona A, Klein Ch, Venstrom JM, Nielsen T, Fingerle-Rowson G. Prognostic Impact of Natural Killer Cell Count in Follicular Lymphoma and Diffuse Large B-cell Lymphoma Patients Treated with Immunochemotherapy. *Clinical Cancer Research*. 2019, 25(15), 4634-4643. ISSN 1078-0432.
<https://doi.org/10.1158/1078-0432.CCR-18-3270>
UT WoS: [000478021200009](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000478021200009)
IF = 10.107 (2019) / Q1 / CO = 9

**5. Průková** **D**, Andera L, Nahacka Z, **Karolová** **J**, Svatoň M, **Klánová** **M**, **Havránek** **O**, Soukup J, **Svobodová** **K**, **Zemanová** **Z**, **Tušková** **D**, **Pokorná** **E**, Helman K, **Forsterová** **K**, **Pacheco Blanco** **M**, **Vočková** **P**, Berková A, Froňková E, **Trněný** **M**, **Klener** **P\***. Cotargeting of BCL2 with venetoclax and MCL1 with S63845 is synthetically lethal in vivo in relapsed mantle cell lymphoma. *Clinical Cancer Research*. 2019, 25(14), 4455-4465. ISSN 1078-0432.
<https://doi.org/10.1158/1078-0432.CCR-18-3275>
UT WoS: [000478018100027](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000478018100027)
IF = 10.107 (2019) / Q1 / CO = 20

**6. Tesař** **A**, **Matěj** **R**, Kukal J, Johanidesová S, Rektorová I, Vyhnálek M, **Keller** **J**, Eliášová I, Parobková E, Smětáková M, Mušová Z, **Rusina** **R\***. Clinical Variability in P102L Gerstmann-Sträussler-Scheinker Syndrome. *Annals of Neurology*. 2019, 86(5), 643-652. ISSN 0364-5134.
<https://doi.org/10.1002/ana.25579>
UT WoS: [000490325800002](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000490325800002)
IF = 9.037 (2019) / Q1 / CO = 0

**7. Maswabi** **B\***, **Molinský** **J**, **Savvulidi** **F**, **Zikmund** **T**, **Průková** **D**, **Tušková** **D**, **Klánová** **M**, **Vočková** **P**, **Latečková** **L**, **Šefc** **L**, **Živný** **J**, **Trněný** **M**, **Klener** **P**. Hematopoiesis in patients with mature B-cell malignancies is deregulated even in patients with undetectable bone marrow involvement. *Haematologica*. 2017, 102(4), E152-E155. ISSN 0390-6078.
<http://dx.doi.org/10.3324/haematol.2016.151571>
UT WoS: [000402488900009](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000402488900009)
IF = 9.090 (2017) / Q1 / CO = 0

**8. Hanzlíková** **Z**, Kofler M, **Slovák** **M**, **Věchetová** **G**, **Fečíková** **A**, **Kemlink** **D**, **Sieger** **T**, **Růžička** **E**, Valls-Sole J, Edwards M, **Serranová** **T\***. Prepulse inhibition of the blink reflex is abnormal in functional movement disorders. *Movement Disorders*. 2019, 34(7), 1022-1030. ISSN 0885-3185.
<https://doi.org/10.1002/mds.27706>
UT WoS: [000476555500015](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000476555500015)
IF = 8.679 (2019) / Q1 / CO = 0

**9. Gál** **O\***, **Poláková** **K**, **Hoskovcová** **M**, Tomandl J, Čapek V, Berka R, **Brožová** **H**, Šestáková I, **Růžička** **E**. Pavement patterns can be designed to improve gait in Parkinson's disease patients. *Movement Disorders*. 2019, 34(12), 1831-1838. ISSN 0885-3185.
<https://doi.org/10.1002/mds.27831>
UT WoS: [000483169000001](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000483169000001)
IF = 8.679 (2019) / Q1 / CO = 0

**10. Heissigerová** **J**, Callanan D, de Smet MD, Srivastava SK, Karkanova M, Garcia-Garcia O, Kadayifcilar S, Ozyazgan Y, Vitti R, Erickson K, Athanikar A, Chu K, Saroj N, Sundaram PA, Varona RV, Corp-dit-Genti V, Buggage R, Cheng Y, Soo Y, Nguyen QD**\***. Efficacy and Safety of Sarilumab for the Treatment of Posterior Segment Noninfectious Uveitis (SARIL-NIU): The Phase 2 SATURN Study. *Ophthalmology*. 2019, 126(3), 428-437. ISSN 0161-6420.
<https://doi.org/10.1016/j.ophtha.2018.09.044>
UT WoS: [000459505400026](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000459505400026)
IF = 8.470 (2019) / Q1 / CO = 8

**11. Vargová** **K**, Pešta M, **Obrtlíková** **P**, **Dusílková** **N**, **Minařík** **Ľ**, **Vargová** **J**, **Berková** **A**, **Zemanová** **Z**, **Michalová** **K**, **Špaček** **M**, **Trněný** **M**, **Stopka** **T\***. MiR-155/miR-150 network regulates progression through the disease phases of chronic lymphocytic leukemia. *Blood Cancer Journal*. 2017, 7(July), e585. ISSN 2044-5385.
<http://dx.doi.org/10.1038/bcj.2017.63>
UT WoS: [000405987700002](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000405987700002)
IF = 8.125 (2017) / Q1 / CO = 7

**12. Kožich** **V\***, Ditrói T, **Sokolová** **J**, **Křížková** **M**, **Krijt** **J**, **Ješina** **P**, Nagy P**\***. Metabolism of sulfur compounds in homocystinurias. *British Journal of Pharmacology*. 2019, 176(4), 594-606. ISSN 0007-1188.
<https://doi.org/10.1111/bph.14523>
UT WoS: [000456799500008](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000456799500008)
IF = 7.730 (2019) / Q1 / CO = 3

**13. Otáhal** **P\***, **Průková** **D**, Král V, Fabry M, **Vočková** **P**, **Latečková** **L**, **Trněný** **M**, **Klener** **P\***. Lenalidomide enhances antitumor functions of chimeric antigen receptor modified T cells. *OncoImmunology [online]*. 2016, 5(4), e1115940. ISSN 2162-402X.
<http://dx.doi.org/10.1080/2162402X.2015.1115940>
UT WoS: [000374194200029](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000374194200029)
IF = 7.719 (2016) / Q1 / CO = 25

14. Moudra A, Hubackova S, Machalova V, Vancurova M, Bartek J, Reinis M, Hodny Z**\***, **Jonášová** **A\***. Dynamic alterations of bone marrow cytokine landscape of myelodysplastic syndromes patients treated with 5-azacytidine. *OncoImmunology [online]*. 2016, 5(10), e1183860. ISSN 2162-402X.
<http://dx.doi.org/10.1080/2162402X.2016.1183860>
UT WoS: [000387271300003](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000387271300003)
IF = 7.719 (2016) / Q1 / CO = 10

**15. Šmít** **D**, Fouquet C, Pincet F, **Zápotocký** **M\***, Trembleau A**\***. Axon tension regulates fasciculation/ defasciculation through the control of axon shaft zippering. *eLife*. 2017, 6(April), e19907. ISSN 2050-084X.
<http://dx.doi.org/10.7554/eLife.19907>
UT WoS: [000403786800001](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000403786800001)
IF = 7.616 (2017) / Q1 / CO = 10

**16. Křížek** **P**, Lukeš T, **Ovesný** **M**, Fliegel K, Hagen G**\***. SIMToolbox: a MATLAB toolbox for structured illumination fluorescence microscopy. *Bioinformatics*. 2016, 32(2), 318-320. ISSN 1367-4803.
<http://dx.doi.org/10.1093/bioinformatics/btv576>
UT WoS: [000368360100029](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000368360100029)
IF = 7.307 (2016) / Q1 / CO = 25

**17. Mravčík** **V\***, Pitoňák M, Hejzák R, **Janíková** **B**, **Procházka** **I**. HIV epidemic among men who have sex with men in the Czech Republic, 2016: high time for targeted action. *Eurosurveillance*. 2017, 22(48), 15-20. ISSN 1560-7917.
<http://dx.doi.org/10.2807/1560-7917.ES.2017.22.48.17-00079>
UT WoS: [000416836600004](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000416836600004)
IF = 7.127 (2017) / Q1 / CO = 1

**18. Netuka** **I\***, **Kvasnička** **T**, Kvasnička J, Hrachovinová I, Ivák P, Mareček F, Bílková J, **Malíková** **I**, Jančová M, Malý J, Sood P, Sundareswaran K, Connors J, Mehra M. Evaluation of von Willebrand factor with a fully magnetically levitated centrifugal continuous-flow left ventricular assist device in advanced heart failure. *The Journal of Heart and Lung Transplantation*. 2016, 35(7), 860-867. ISSN 1053-2498.
<http://dx.doi.org/10.1016/j.healun.2016.05.019>
UT WoS: [000380580000004](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000380580000004)
IF = 7.114 (2016) / Q1 / CO = 74

**19. Rusz** **J\***, Tykalová T, **Fečíková** **A**, Šťastná D, Urgošík D, **Jech** **R**. Dualistic effect of pallidal deep brain stimulation on motor speech disorders in dystonia. *Brain Stimulation*. 2018, 11(4), 896-903. ISSN 1935-861X.
<https://doi.org/10.1016/j.brs.2018.03.007>
UT WoS: [000436849700029](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000436849700029)
IF = 6.919 (2018)
CO = 3

**20. Hubka** **V\***, Barrs V, **Dudová** **Z**, Sklenář F, Kubátová A, Matsuzawa T, Yaguchi T, Horie Y, Nováková A, Frisvad J, Talbot J, Kolařík M. Unravelling species boundaries in the Aspergillus viridinutans complex (section Fumigati): opportunistic human and animal pathogens capable of interspecific hybridization. *Persoonia*. 2018, 41(december), 142-174. ISSN 0031-5850.
<https://doi.org/10.3767/persoonia.2018.41.08>
UT WoS: [000454875300008](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000454875300008)
IF = 6.860 (2018) / Q1 / CO = 16

**21. Hušková** **H**, Ardin M, Weninger A, **Vargová** **K**, Barrin S, Villar S, Olivier M, **Stopka** **T**, Herceg Z, Hollstein M**\***, Zavadil J**\***, Korenjak M**\***. Modeling cancer driver events in vitro using barrier bypass-clonal expansion assays and massively parallel sequencing. *Oncogene*. 2017, 36(43), 6041-6048. ISSN 0950-9232.
<http://dx.doi.org/10.1038/onc.2017.215>
UT WoS: [000413841400012](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000413841400012)
IF = 6.854 (2017) / Q1 / CO = 3

**22. Nechanská** **B\***, **Mravčík** **V**, Skurtveit S, Lund I, **Gabrhelík** **R**, Engeland A, Handal M. Neonatal outcomes after fetal exposure to methadone and buprenorphine: national registry studies from the Czech Republic and Norway. *Addiction*. 2018, 113(7), 1286-1294. ISSN 0965-2140.
<https://doi.org/10.1111/add.14192>
UT WoS: [000434634200022](http://gateway.webofknowledge.com/gateway/Gateway.cgi?GWVersion=2&SrcAuth=Alerting&SrcApp=Alerting&DestApp=WOS&DestLinkType=FullRecord;UT=WOS:000434634200022)
IF = 6.851 (2018) / Q1 / CO = 10