

TOP 1

1. FERETZAKI, M., M. POSPISOLOVA, R. V. FERNANDES, T. LUNARDI, et al. RAD51-dependent recruitment of TERRA lncRNA to telomeres through R-loops. *Nature*, Nov 2020, 587(7833), 303-+.
2. RODRIGUEZ-MARTINEZ, A., B. ZHOU, M. K. SOPHIEA, J. BENTHAM, et al. Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. *Lancet*, Nov 2020, 396(10261), 1511-1524.
3. TADDEI, C., B. ZHOU, H. BIXBY, R. M. CARRILLO-LARCO, et al. Repositioning of the global epicentre of non-optimal cholesterol. *Nature*, Jun 2020, 582(7810), 73-+.

TOP 5

4. BALAKRISHNAN, P. B., N. SILVESTRI, T. FERNANDEZ-CABADA, F. MARINARO, et al. Exploiting Unique Alignment of Cobalt Ferrite Nanoparticles, Mild Hyperthermia, and Controlled Intrinsic Cobalt Toxicity for Cancer Therapy. *Advanced Materials*, Nov 2020, 32(45), 11.
5. BOSAKOVA, M., S. P. ABRAHAM, A. NITA, E. HRUBA, et al. Mutations in GRK2 cause Jeune syndrome by impairing Hedgehog and canonical Wnt signaling. *Embo Molecular Medicine*, Nov 2020, 12(11), 20.
6. FABIAN, I. D., E. ABDALLAH, S. U. ABDULLAHI, R. A. ABDULQADER, et al. Global Retinoblastoma Presentation and Analysis by National Income Level. *Jama Oncology*, May 2020, 6(5), 685-695.
7. HAUSVATER, A., N. R. SMILOWITZ, B. Y. Z. LI, G. REDEL-TRAUB, et al. Myocarditis in Relation to Angiographic Findings in Patients With Provisional Diagnoses of MINOCA. *Jacc-Cardiovascular Imaging*, Sep 2020, 13(9), 1906-1913.
8. HON, J., S. BORKO, J. STOURAC, Z. PROKOP, et al. EnzymeMiner: automated mining of soluble enzymes with diverse structures, catalytic properties and stabilities. *Nucleic Acids Research*, Jul 2020, 48(W1), W104-W109.
9. STEFANOVICE, B., S. R. HENGEL, J. MLCOUSKOVA, J. PROCHAZKOVA, et al. DSS1 interacts with and stimulates RAD52 to promote the repair of DSBs. *Nucleic Acids Research*, Jan 2020, 48(2), 694-708.

TOP 10

10. AVELLINI, T., N. SONI, N. SILVESTRI, S. FIORITO, et al. Cation Exchange Protocols to Radiolabel Aqueous Stabilized ZnS, ZnSe, and CuFeS₂ Nanocrystals with Cu-64 for Dual Radio- and Photo-Thermal Therapy. *Advanced Functional Materials*, Jul 2020, 30(28), 10.
11. BEDNARIK, A., J. PREISLER, D. BEZDEKOVA, M. MACHALKOVA, et al. Ozonization of Tissue Sections for MALDI MS Imaging of Carbon-Carbon Double Bond Positional Isomers of Phospholipids. *Analytical Chemistry*, May 2020, 92(9), 6245-6250.
12. FERREIRA, D., S. A. PRZYBELSKI, T. G. LESNICK, A. W. LEMSTRA, et al. beta-Amyloid and tau biomarkers and clinical phenotype in dementia with Lewy bodies. *Neurology*, Dec 2020, 95(24), E3257-E3268.
13. FROHLICH, J. AND M. VINCIGUERRA Candidate rejuvenating factor GDF11 and tissue fibrosis: friend or foe? *Geroscience*, Dec 2020, 42(6), 1475-1498.
14. HANES, J., A. KOVAC, H. KVARTSBERG, E. KONTSEKOVA, et al. Evaluation of a novel immunoassay to detect p-tau Thr217 in the CSF to distinguish Alzheimer disease from other dementias. *Neurology*, Dec 2020, 95(22), E3026-E3035.
15. LO RE, O., T. MAZZA, S. GIALLONGO, P. SANNA, et al. Loss of histone macroH2A1 in hepatocellular carcinoma cells promotes paracrine-mediated chemoresistance and CD4(+)CD25(+)FoxP3(+) regulatory T cells activation. *Theranostics*, 2020, 10(2), 910-924.
16. MAZURENKO, S., Z. PROKOP AND J. DAMBORSKY Machine Learning in Enzyme Engineering. *Acs Catalysis*, Jan 2020, 10(2), 1210-1223.
17. MIKULIK, R., J. ECKSTEIN, L. A. PEARCE, H. MUNDL, et al. Frequency and Predictors of Major Bleeding in Patients With Embolic Strokes of Undetermined Source NAVIGATE-ESUS Trial. *Stroke*, Jul 2020b, 51(7), 2139-2147.
18. NELSON, C. L. AND R. ANDEL Does Sexual Orientation Relate to Health and Well-Being? Analysis of Adults 50+Years of Age. *Gerontologist*, Oct 2020b, 60(7), 1282-1290.
19. OSPEL, J. M., P. CIMFLOVA, M. MARKO, A. MAYANK, et al. Prevalence and Outcomes of Medium Vessel Occlusions With Discrepant Infarct Patterns. *Stroke*, Sep 2020a, 51(9), 2817-2824.
20. SPRINGER, T., E. HEMMEROVA, G. FINOCCHIARO, Z. KRISTOFIKOVA, et al. Surface plasmon resonance biosensor for the detection of tau-amyloid beta complex. *Sensors and Actuators B-Chemical*, Jul 2020, 316, 4.
21. SUCHACKI, K. J., N. M. MORTON, C. VARY, C. HUESA, et al. PHOSPHO1 is a skeletal regulator of insulin resistance and obesity. *Bmc Biology*, Oct 2020, 18(1), 20.
22. VASICEK, O., D. RUBANOVA, B. CHYTKOVA AND L. KUBALA Natural pseurotins inhibit proliferation and inflammatory responses through the inactivation of STAT signaling pathways in macrophages. *Food and Chemical Toxicology*, Jul 2020b, 141, 9.
23. VOJACKOVA, P., L. MICHALSKA, M. NECAS, D. SHCHERBAKOV, et al. Stereocontrolled Synthesis of (-)-Bactobolin A. *Journal of the American Chemical Society*, Apr 2020, 142(16), 7306-7311.
24. VOLNY, O., C. ZERNA, A. TOMEK, M. BAR, et al. Thrombectomy vs medical management in low NIHSS acute anterior circulation stroke. *Neurology*, Dec 2020, 95(24), E3364-E3372.

Q1

25. ABDELNOUR, C., D. FERREIRA, K. OPPEDAL, L. CAVALLIN, et al. The combined effect of amyloid-beta and tau biomarkers on brain atrophy in dementia with Lewy bodies. *Neuroimage-Clinical*, 2020, 27, 9.
26. ACERBI, E., M. HORTOVA-KOHOUTKOVA, T. CHOERA, N. KELLER, et al. Modeling Approaches Reveal New Regulatory Networks in *Aspergillus fumigatus* Metabolism. *Journal of Fungi*, Sep 2020, 6(3), 9.
27. BABKOVA, P., Z. DUNAJOVA, R. CHALOUPKOVA, J. DAMBORSKY, et al. Structures of hyperstable ancestral haloalkane dehalogenases show restricted conformational dynamics. *Computational and Structural Biotechnology Journal*, 2020, 18, 1497-1508.
28. BARAD, M., F. CSUKASI, M. BOSAKOVA, J. H. MARTIN, et al. Biallelic mutations in LAMA5 disrupts a skeletal noncanonical focal adhesion pathway and produces a distinct bent bone dysplasia. *Ebiomedicine*, Dec 2020, 62, 13.
29. BOOTH, J. A., M. SPIREK, T. A. LOBIE, K. SKARSTAD, et al. Antibiotic-induced DNA damage results in a controlled loss of pH homeostasis and genome instability. *Scientific Reports*, Nov 2020, 10(1), 18.
30. BUZOVA, D., A. MAUGERI, A. LIGUORI, C. NAPODANO, et al. Circulating histone signature of human lean metabolic-associated fatty liver disease (MAFLD). *Clinical Epigenetics*, Aug 2020, 12(1), 15.
31. CALUORI, G., E. ODEHNALOVA, T. JADCZYK, M. PESL, et al. AC Pulsed Field Ablation Is Feasible and Safe in Atrial and Ventricular Settings: A Proof-of-Concept Chronic Animal Study. *Frontiers in Bioengineering and Biotechnology*, Dec 2020, 8, 14.
32. CASSANI, M., S. FERNANDES, J. VRBSKY, E. ERGIR, et al. Combining Nanomaterials and Developmental Pathways to Design New Treatments for Cardiac Regeneration: The Pulsing Heart of Advanced Therapies. *Frontiers in Bioengineering and Biotechnology*, Apr 2020, 8, 26.
33. CIZ, M., A. DVORAKOVA, V. SKOCKOVA AND L. KUBALA The Role of Dietary Phenolic Compounds in Epigenetic Modulation Involved in Inflammatory Processes. *Antioxidants*, Aug 2020, 9(8), 19.
34. CUNDRLE, I., B. D. JOHNSON, R. F. REA, C. G. SCOTT, et al. Mitigation of Exercise Oscillatory Ventilation Score by Cardiac Resynchronization Therapy. *Journal of Cardiac Failure*, Oct 2020, 26(10), 832-840.
35. CURILA, K., R. PROCHAZKOVA, P. JURAK, M. JASTRZEBSKI, et al. Both selective and nonselective His bundle, but not myocardial, pacing preserve ventricular electrical synchrony assessed by ultra-high-frequency ECG. *Heart Rhythm*, Apr 2020, 17(4), 607-614.
36. DI NUOVO, S., R. DE BENI, E. BORELLA, H. MARKOVA, et al. Cognitive Impairment in Old Age Is the Shift From Healthy to Pathological Aging Responsive to Prevention? *European Psychologist*, Jul 2020, 25(3), 174-185.
37. DOCKALOVA, V., E. M. SANCHEZ-CARNERERO, Z. DUNAJOVA, E. PALAO, et al. Fluorescent substrates for haloalkane dehalogenases: Novel probes for mechanistic studies and protein labeling. *Computational and Structural Biotechnology Journal*, 2020, 18, 922-932.
38. DRAPELA, S., P. KHIRSARIYA, W. M. VAN WEERDEN, R. FEDR, et al. The CHK1 inhibitor MU380 significantly increases the sensitivity of human docetaxel-resistant prostate cancer cells to gemcitabine through the induction of mitotic catastrophe. *Molecular Oncology*, Oct 2020b, 14(10), 2487-2503.

39. FARKAS, S., P. SIMARA, D. REHAKOVA, L. VEVERKOVA, et al. Endothelial Progenitor Cells Produced From Human Pluripotent Stem Cells by a Synergistic Combination of Cytokines, Small Compounds, and Serum-Free Medium. *Frontiers in Cell and Developmental Biology*, May 2020, 8, 15.
40. FERRETTI, M. T., J. MARTINKOVA, E. BISKUP, T. BENKE, et al. Sex and gender differences in Alzheimer's disease: current challenges and implications for clinical practice Position paper of the Dementia and Cognitive Disorders Panel of the European Academy of Neurology. *European Journal of Neurology*, Jun 2020, 27(6), 928-943.
41. FILIP, P., L. VOJTESEK, M. BALAZ, S. MANGIA, et al. Differential diagnosis of tremor syndromes using MRI relaxometry. *Parkinsonism & Related Disorders*, Dec 2020, 81, 190-193.
42. GLAB, A., A. BERTUCCI, F. MARTINO, M. WOJNIEWICZ, et al. Dissecting the intracellular signalling and fate of a DNA nanosensor by super-resolution and quantitative microscopy. *Nanoscale*, Jul 2020, 12(28), 15402-15413.
43. GORI, M., S. M. GIANNITELLI, M. TORRE, P. MOZETIC, et al. Biofabrication of Hepatic Constructs by 3D Bioprinting of a Cell-Laden Thermogel: An Effective Tool to Assess Drug-Induced Hepatotoxic Response. *Advanced Healthcare Materials*, Nov 2020, 9(21), 11.
44. GREGOR, T., M. K. BOSAKOVA, A. NITA, S. P. ABRAHAM, et al. Elucidation of protein interactions necessary for the maintenance of the BCR-ABL signaling complex. *Cellular and Molecular Life Sciences*, Oct 2020, 77(19), 3885-3903.
45. CHOVANCOVA, B., V. LISKOVA, S. MIKLIKOVÁ, S. HUDECJAVA, et al. Calcium signaling affects migration and proliferation differently in individual cancer cells due to nifedipine treatment. *Biochemical Pharmacology*, Jan 2020, 171, 15.
46. JELINKOVA, S., A. VILOTIC, J. PRIBYL, F. AIMOND, et al. DMD Pluripotent Stem Cell Derived Cardiac Cells Recapitulate in vitro Human Cardiac Pathophysiology. *Frontiers in Bioengineering and Biotechnology*, Jun 2020, 8, 19.
47. KATSANOS, A. H., A. V. ALEXANDROV, P. MANDAVA, M. KOHRMANN, et al. Pulse pressure variability is associated with unfavorable outcomes in acute ischaemic stroke patients treated with intravenous thrombolysis. *European Journal of Neurology*, Dec 2020, 27(12), 2453-2462.
48. KINCL, V., R. PANOVSKY, M. PESL, J. MACHAL, et al. Echocardiographic signs of subclinical cardiac function impairment in Duchenne dystrophy gene carriers. *Scientific Reports*, Dec 2020, 10(1), 6.
49. KO, J. H., M. Y. SON, Q. ZHOU, L. MOLNAROVA, et al. TREX2 Exonuclease Causes Spontaneous Mutations and Stress-Induced Replication Fork Defects in Cells Expressing RAD51(K133A). *Cell Reports*, Dec 2020, 33(12), 18.
50. KOKKONEN, P., M. SLANSKA, V. DOCKALOVA, G. P. PINTO, et al. The impact of tunnel mutations on enzymatic catalysis depends on the tunnel-substrate complementarity and the rate-limiting step. *Computational and Structural Biotechnology Journal*, 2020, 18, 805-813.
51. KOWALSKA, M., A. GLADYS, B. KALANSKA-LUKASIK, M. GRUZ-KWAPISZ, et al. Readiness for Voice Technology in Patients With Cardiovascular Diseases: Cross-Sectional Study. *Journal of Medical Internet Research*, Dec 2020, 22(12), 10.
52. KRATOCHVILLOVA, A., B. VESELA, V. LEDVINA, E. SVANDOVA, et al. Osteogenic impact of pro-apoptotic caspase inhibitors in MC3T3-E1 cells. *Scientific Reports*, May 2020, 10(1), 8.
53. KRCHNIAKOVA, M., J. SKODA, J. NERADIL, P. CHLAPEK, et al. Repurposing Tyrosine Kinase Inhibitors to Overcome Multidrug Resistance in Cancer: A Focus on Transporters and Lysosomal Sequestration. *International Journal of Molecular Sciences*, May 2020, 21(9), 19.

54. KUANG, H. L., W. QIU, M. NAJM, D. DOWLATSHAH, et al. Validation of an automated ASPECTS method on non-contrast computed tomography scans of acute ischemic stroke patients. *International Journal of Stroke*, Jul 2020, 15(5), 528-534.
55. KUNZOVA, S., A. MAUGERI, J. MEDINA-INOJOSA, F. LOPEZ-JIMENEZ, et al. Determinants of Metabolic Health Across Body Mass Index Categories in Central Europe: A Comparison Between Swiss and Czech Populations. *Frontiers in Public Health*, Apr 2020, 8, 10.
56. LANGER, T., E. CLEMENS, L. BROER, L. MAIER, et al. Usefulness of current candidate genetic markers to identify childhood cancer patients at risk for platinum-induced ototoxicity: Results of the European PanCareLIFE cohort study. *European Journal of Cancer*, Oct 2020b, 138, 212-224.
57. LENART, S., P. LENART, J. SMARDA, J. REMSIK, et al. Trop2: Jack of All Trades, Master of None. *Cancers*, Nov 2020, 12(11), 28.
58. MARKOVA, K., K. CHMELOVA, S. M. MARQUES, P. CARPENTIER, et al. Decoding the intricate network of molecular interactions of a hyperstable engineered biocatalyst. *Chemical Science*, Nov 2020, 11(41), 11162-11178.
59. MAUGERI, A., O. HLINOMAZ, A. AGODI, M. BARCHITTA, et al. Is Drinking Alcohol Really Linked to Cardiovascular Health? Evidence from the Kardiovize 2030 Project. *Nutrients*, Sep 2020b, 12(9), 12.
60. MAURI, E., A. ROSSETTI, P. MOZETIC, C. SCHIAVON, et al. Ester coupling of ibuprofen in hydrogel matrix: A facile one-step strategy for controlled anti-inflammatory drug release. *European Journal of Pharmaceutics and Biopharmaceutics*, Jan 2020, 146, 143-149.
61. MEDINA-INOJOSA, J. R., M. VINCIGUERRA, A. MAUGERI, S. KUNZOVA, et al. Prevalence of ideal cardiovascular health in a Central European community: results from the Kardiovize Brno 2030 Project. *European Journal of Preventive Cardiology*, Mar 2020, 27(4), 441-443.
62. MORENO, L., G. BARONE, S. G. DUBOIS, J. MOLENAAR, et al. Accelerating drug development for neuroblastoma: Summary of the Second Neuroblastoma Drug Development Strategy forum from Innovative Therapies for Children with Cancer and International Society of Paediatric Oncology Europe Neuroblastoma. *European Journal of Cancer*, Sep 2020, 136, 52-68.
63. MOYANO, P. M., V. NEMEC AND K. PARUCH Cdc-Like Kinases (CLKs): Biology, Chemical Probes, and Therapeutic Potential. *International Journal of Molecular Sciences*, Oct 2020, 21(20), 31.
64. MURESAN, X. M., J. BOUCHAL, Z. CULIG AND K. SOUCEK Toll-Like Receptor 3 in Solid Cancer and Therapy Resistance. *Cancers*, Nov 2020, 12(11), 13.
65. NEJEDLY, P., V. KREMEN, V. SLADKY, J. CIMBALNIK, et al. Multicenter intracranial EEG dataset for classification of graphoelements and artifactual signals. *Scientific Data*, Jun 2020, 7(1), 7.
66. NELSON, C. L. AND R. ANDEL Does Sexual Orientation Influence Trajectories of Change in Health? A 20-Year Follow-Up Study. *Lgbt Health*, Oct 2020a, 7(7), 385-392.
67. NESPOROVA, K., V. PAVLIK, B. SAFRANKOVA, H. VAGNEROVA, et al. Effects of wound dressings containing silver on skin and immune cells. *Scientific Reports*, Sep 2020, 10(1), 14.
68. NOSKOVA, H., M. KYR, K. PAL, T. MERTA, et al. Assessment of Tumor Mutational Burden in Pediatric Tumors by Real-Life Whole-Exome Sequencing and In Silico Simulation of Targeted Gene Panels: How the Choice of Method Could Affect the Clinical Decision? *Cancers*, Jan 2020, 12(1), 14.
69. PAIL, M., J. CIMBALNIK, R. ROMAN, P. DANIEL, et al. High frequency oscillations in epileptic and non-epileptic human hippocampus during a cognitive task. *Scientific Reports*, Oct 2020, 10(1), 12.

70. PALUSOVA, V., T. RENZOVA, A. VERLANDE, T. VACLOVA, et al. Dual Targeting of BRAF and mTOR Signaling in Melanoma Cells with Pyridinyl Imidazole Compounds. *Cancers*, Jun 2020, 12(6), 24.
71. PANOVSKY, R., M. DOUBKOVA, T. HOLECEK, J. MACHAL, et al. MyocardialT(1)mapping using SMART(1)Map and MOLLI mapping in asymptomatic patients with recent extracardiac sarcoidosis. *Nmr in Biomedicine*, Nov 2020, 33(11), 8.
72. PAUKOVCEKOVA, S., J. SKODA, J. NERADIL, E. MIKULENKOVA, et al. Novel Thiosemicarbazones Sensitize Pediatric Solid Tumor Cell-Types to Conventional Chemotherapeutics through Multiple Molecular Mechanisms. *Cancers*, Dec 2020a, 12(12), 23.
73. PAUKOVCEKOVA, S., D. VALIK, J. STERBA AND R. VESELSKA Enhanced Antiproliferative Effect of Combined Treatment with Calcitriol and All-Trans Retinoic Acid in Relation to Vitamin D Receptor and Retinoic Acid Receptor alpha Expression in Osteosarcoma Cell Lines. *International Journal of Molecular Sciences*, Sep 2020b, 21(18), 19.
74. PESKOVA, L., D. JURCIKOVA, T. VANOVÁ, J. KRIVANEK, et al. miR-183/96/182 cluster is an important morphogenetic factor targeting PAX6 expression in differentiating human retinal organoids. *Stem Cells*, Dec 2020, 38(12), 1557-1567.
75. RABATA, A., R. FEDR, K. SOUCEK, A. HAMPL, et al. 3D Cell Culture Models Demonstrate a Role for FGF and WNT Signaling in Regulation of Lung Epithelial Cell Fate and Morphogenesis. *Frontiers in Cell and Developmental Biology*, Jul 2020, 8, 16.
76. REHAKOVA, D., T. SOURALOVA AND I. KOUTNA Clinical-Grade Human Pluripotent Stem Cells for Cell Therapy: Characterization Strategy. *International Journal of Molecular Sciences*, Apr 2020, 21(7), 14.
77. REMSIK, J., M. PICKOVA, O. VACEK, R. FEDR, et al. TGF-beta regulates Sca-1 expression and plasticity of pre-neoplastic mammary epithelial stem cells. *Scientific Reports*, Jul 2020, 10(1), 12.
78. SAEZ, T. M. M., I. F. BESSONE, M. S. RODRIGUEZ, M. ALLOATTI, et al. Kinesin-1-mediated axonal transport of CB1 receptors is required for cannabinoid-dependent axonal growth and guidance. *Development*, Apr 2020, 147(8), 13.
79. SERNA, I. M. R., I. ROMITO, A. MAUGERI, O. LO RE, et al. A Lipidomic Signature Complements Stemness Features Acquisition in Liver Cancer Cells. *International Journal of Molecular Sciences*, Nov 2020, 21(22), 17.
80. SIMECKOVA, P., F. HUBATKA, J. KOTOUCEK, P. T. KNOTIGOVA, et al. Gadolinium labelled nanoliposomes as the platform for MRI theranostics: in vitro safety study in liver cells and macrophages. *Scientific Reports*, Mar 2020, 10(1), 13.
81. SIMEK, S., Z. MOTOVSKA, O. HLINOMAZ, P. KALA, et al. The Effect of Diabetes on Prognosis Following Myocardial Infarction Treated with Primary Angioplasty and Potent Antiplatelet Therapy. *Journal of Clinical Medicine*, Aug 2020, 9(8), 11.
82. SKODA, J., J. NERADIL, I. S. ZAMBO, A. NUNUKOVA, et al. Serial Xenotransplantation in NSG Mice Promotes a Hybrid Epithelial/Mesenchymal Gene Expression Signature and Stemness in Rhabdomyosarcoma Cells. *Cancers*, Jan 2020, 12(1), 24.
83. STETKOVA, M., K. GROWKOVA, P. FOJTIK, B. VALCIKOVA, et al. CDK9 activity is critical for maintaining MDM4 overexpression in tumor cells. *Cell Death & Disease*, Sep 2020, 11(9), 14.
84. TESAROVA, L., K. JARESOVA, P. SIMARA AND I. KOUTNA Umbilical Cord-Derived Mesenchymal Stem Cells Are Able to Use bFGF Treatment and Represent a Superb Tool for Immunosuppressive Clinical Applications. *International Journal of Molecular Sciences*, Aug 2020, 21(15), 27.

85. TSIVGOULIS, G., M. SAQQUR, V. K. SHARMA, A. BRUNSER, et al. Timing of Recanalization and Functional Recovery in Acute Ischemic Stroke. *Journal of Stroke*, Jan 2020, 22(1), 130-+.
86. VASICEK, O., R. FEDR, S. SKOROPLYAS, D. CHALUPA, et al. Natural pseurotins and analogs thereof inhibit activation of B-cells and differentiation into the plasma cells. *Phytomedicine*, Apr 2020a, 69, 12.
87. WUNSCHOVA, A. V., A. NOVOBILSKY, J. HLOZKOVA, P. SCHEER, et al. Thrombus Imaging Using 3D Printed Middle Cerebral Artery Model and Preclinical Imaging Techniques: Application to Thrombus Targeting and Thrombolytic Studies. *Pharmaceutics*, Dec 2020, 12(12), 16.

Q2

88. ASLAN-UZEL, A. S., A. BEIER, D. KOVAR, C. CZIEGLER, et al. An Ultrasensitive Fluorescence Assay for the Detection of Halides and Enzymatic Dehalogenation. *Chemcatchem*, Apr 2020, 12(7), 2032-2039.
89. BARTMAN, C. M., M. SCHILIRO, M. HELAN, Y. S. PRAKASH, et al. Hydrogen sulfide, oxygen, and calcium regulation in developing human airway smooth muscle. *Faseb Journal*, Sep 2020, 34(9), 12991-13004.
90. BENDICKOVA, K. AND JAN Roles of IL-2 in bridging adaptive and innate immunity, and as a tool for cellular immunotherapy. *Journal of Leukocyte Biology*, Jul 2020, 108(1), 427-437.
91. BENDICKOVA, K., F. TIDU, M. DE ZUANI, M. H. KOHOUTKOVA, et al. Calcineurin inhibitors reduce NFAT-dependent expression of antifungal pentraxin-3 by human monocytes. *Journal of Leukocyte Biology*, Mar 2020, 107(3), 497-508.
92. CECHOVA, K., R. ANDEL, F. ANGELUCCI, Z. CHMATALOVA, et al. Impact of APOE and BDNF Val66Met Gene Polymorphisms on Cognitive Functions in Patients with Amnestic Mild Cognitive Impairment. *Journal of Alzheimers Disease*, 2020a, 73(1), 247-257.
93. CIMBALNIK, J., M. PAIL, P. KLIMES, V. TRAVNICEK, et al. Cognitive Processing Impacts High Frequency Intracranial EEG Activity of Human Hippocampus in Patients With Pharmacoresistant Focal Epilepsy. *Frontiers in Neurology*, Oct 2020, 11, 10.
94. CLEMENS, E., L. BROER, T. LANGER, A. G. UITTERLINDEN, et al. Genetic variation of cisplatin-induced ototoxicity in non-cranial-irradiated pediatric patients using a candidate gene approach: The International PanCareLIFE Study. *Pharmacogenomics Journal*, Apr 2020, 20(2), 294-305.
95. DRAPELA, S., J. BOUCHAL, M. K. JOLLY, Z. CULIG, et al. ZEB1: A Critical Regulator of Cell Plasticity, DNA Damage Response, and Therapy Resistance. *Frontiers in Molecular Biosciences*, Mar 2020a, 7, 10.
96. DUSEK, J., Z. MOTOVSKA, O. HLINOMAZ, R. MIKLIK, et al. The prognostic significance of periprocedural infarction in the era of potent antithrombotic therapy. The PRAGUE-18 substudy. *International Journal of Cardiology*, Nov 2020, 319, 1-6.
97. FERNANDES, S., M. CASSANI, S. PAGLIARI, P. FILIPENSKY, et al. Tumor in 3D: In Vitro Complex Cellular Models to Improve Nano-drugs Cancer Therapy. *Current Medicinal Chemistry*, 2020, 27(42), 7234-7255.
98. FROHLICH, J., K. KOVACOVICOVA, T. MAZZA, M. R. EMMA, et al. GDF11 induces mild hepatic fibrosis independent of metabolic health. *Aging-US*, Oct 2020, 12(20), 20024-20046.
99. FURMANOVA, K., O. VAVRA, B. KOZLIKHOVA, J. DAMBORSKY, et al. DockVis: Visual Analysis of Molecular Docking Trajectories. *Computer Graphics Forum*, Sep 2020, 39(6), 452-464.
100. GIALLONGO, S., M. DI ROSA, R. CALTABIANO, L. LONGHITANO, et al. Loss of macroH2A1 decreases mitochondrial metabolism and reduces the aggressiveness of uveal melanoma cells. *Aging-US*, May 2020, 12(10), 9745-9760.
101. GOJO, J., Z. PAVELKA, D. ZAPLETALOVA, M. T. SCHMOOK, et al. Personalized Treatment of H3K27M-Mutant Pediatric Diffuse Gliomas Provides Improved Therapeutic Opportunities. *Frontiers in Oncology*, Jan 2020, 9, 14.

102. HORTOVA-KOHOUTKOVA, M., P. LAZNICKOVA, K. BENDICKOVA, M. DE ZUANI, et al. Differences in monocyte subsets are associated with short-term survival in patients with septic shock. *Journal of Cellular and Molecular Medicine*, Nov 2020a, 24(21), 12504-12512.
103. HORTOVA-KOHOUTKOVA, M., F. TIDU, M. DE ZUANI, V. SRAMEK, et al. PHAGOCYTOSIS-INFLAMMATION CROSSTALK IN SEPSIS: NEW AVENUES FOR THERAPEUTIC INTERVENTION. *Shock*, Nov 2020b, 54(5), 606-614.
104. CHMELOVA, K., E. SEBESTOVA, V. LISKOVA, A. BEIER, et al. A Haloalkane Dehalogenase from *Saccharomonospora viridis* Strain DSM 43017, a Compost Bacterium with Unusual Catalytic Residues, Unique (S)-Enantio preference, and High Thermostability. *Applied and Environmental Microbiology*, Sep 2020, 86(17), 12.
105. JOSE, S. S., M. DE ZUANI, F. TIDU, M. H. KOHOUTKOVA, et al. Comparison of two human organoid models of lung and intestinal inflammation reveals Toll-like receptor signalling activation and monocyte recruitment. *Clinical & Translational Immunology*, May 2020, 9(5), 15.
106. KASPER, S., C. BANCHER, A. ECKERT, H. FORSTL, et al. Management of mild cognitive impairment (MCI): The need for national and international guidelines. *World Journal of Biological Psychiatry*, Sep 2020, 21(8), 579-594.
107. KORTE, E., R. SCHILLING, M. BALCEREK, H. CAMPBELL, et al. Fertility education for adolescent cancer patients: Gaps in current clinical practice in Europe. *European Journal of Cancer Care*, Sep 2020b, 29(5), 10.
108. KOULAOUZIDIS, G., D. CHARISOPOULOU, W. WOJAKOWSKI, A. KOULAOUZIDIS, et al. Telemedicine in cardiology in the time of coronavirus disease 2019: a friend that everybody needs. *Polish Archives of Internal Medicine-Polskie Archiwum Medycyny Wewnetrznej*, Jun 2020, 130(6), 559-561.
109. LACZO, J., K. CECHOVA, M. PARIZKOVA, O. LERCH, et al. The Combined Effect of APOE and BDNF Va166Met Polymorphisms on Spatial Navigation in Older Adults. *Journal of Alzheimers Disease*, 2020, 78(4), 1473-1492.
110. LAHAM-KARAM, N., G. P. PINTO, A. POSO AND P. KOKKONEN Transcription and Translation Inhibitors in Cancer Treatment. *Frontiers in Chemistry*, Apr 2020, 8, 24.
111. LAZNICKOVA, P., T. KEPAK, M. HORTOVA-KOHOUTKOVA, L. HORVATH, et al. Childhood survivors of high-risk neuroblastoma show signs of immune recovery and not immunosenescence. *European Journal of Immunology*, Dec 2020, 50(12), 2092-2094.
112. MAFFESSANTI, F., T. JADCZYK, R. KURZELOWSKI, F. REGOLI, et al. The influence of scar on the spatio-temporal relationship between electrical and mechanical activation in heart failure patients. *Europace*, May 2020, 22(5), 777-786.
113. MARCINIAK, R., R. SUMEC, M. VYHNALEK, K. BENDICKOVA, et al. The Effect of Mindfulness-Based Stress Reduction (MBSR) on Depression, Cognition, and Immunity in Mild Cognitive Impairment: A Pilot Feasibility Study. *Clinical Interventions in Aging*, 2020, 15, 1365-1381.
114. MASURI, S., E. CADONI, M. G. CABIDDU, F. ISAIA, et al. The first copper(II) complex with 1,10-phenanthroline and salubrinal with interesting biochemical properties. *Metallomics*, Jun 2020, 12(6), 891-901.
115. MATTEO, C., G. DOVRTELOVA, A. DI CLEMENTE, R. FRAPOLLI, et al. HPLC-MS/MS measurement of lidocaine in rat skin and plasma. Application to study the release from medicated plaster. *Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences*, Feb 2020, 1138, 8.

116. MAUGERI, A., M. BARCHITTA, S. KUNZOVA, H. BAUEROVA, et al. The association of social and behavioral factors with dietary risks in adults: Evidence from the Kardiovize Brno 2030 study. *Nutrition Metabolism and Cardiovascular Diseases*, Jun 2020a, 30(6), 896-906.
117. MAZZOCOLI, G., M. VINCIGUERRA, A. CARBONE AND A. RELOGIO The Circadian Clock, the Immune System, and Viral Infections: The Intricate Relationship Between Biological Time and Host-Virus Interaction. *Pathogens*, Feb 2020, 9(2), 12.
118. MIKULENKOVA, E., J. NERADIL, O. VYMAZAL, J. SKODA, et al. NANOG/NANO GP8 Localizes at the Centrosome and is Spatiotemporally Associated with Centriole Maturation. *Cells*, Mar 2020, 9(3), 18.
119. MORLAND, B., T. KEPAK, S. DALLORSO, J. SEVILLA, et al. Plerixafor combined with standard regimens for hematopoietic stem cell mobilization in pediatric patients with solid tumors eligible for autologous transplants: two-arm phase I/II study (MOZAIC). *Bone Marrow Transplantation*, Sep 2020, 55(9), 1744-1753.
120. NOBRE, L., M. ZAPOTOCKY, V. RAMASWAMY, S. RYALL, et al. Outcomes of BRAF V600E Pediatric Gliomas Treated With Targeted BRAF Inhibition. *Jco Precision Oncology*, May 2020, 4, 561-571.
121. NOVOTNY, J. S., J. P. GONZALEZ-RIVAS, S. KUNZOVA, M. SKLADANA, et al. Risk Factors Underlying COVID-19 Lockdown-Induced Mental Distress. *Frontiers in Psychiatry*, Dec 2020a, 11, 11.
122. OSPEL, J. M., O. VOLNY, W. QIU, M. NAJM, et al. Displaying Multiphase CT Angiography Using a Time-Variant Color Map: Practical Considerations and Potential Applications in Patients with Acute Stroke. *American Journal of Neuroradiology*, Feb 2020c, 41(2), 200-205.
123. PARIZKOVA, M., O. LERCH, R. ANDEL, J. KALINOVA, et al. Spatial Pattern Separation in Early Alzheimer's Disease. *Journal of Alzheimers Disease*, 2020, 76(1), 121-138.
124. PAVLATOVSKA, B., M. MACHALKOVA, P. BRISUDOVA, A. PRUSKA, et al. Lactic Acidosis Interferes With Toxicity of Perifosine to Colorectal Cancer Spheroids: Multimodal Imaging Analysis. *Frontiers in Oncology*, Dec 2020, 10, 18.
125. PESL, M., S. JELINKOVA, G. CALUORI, M. HOLICKA, et al. Cardiovascular progenitor cells and tissue plasticity are reduced in a myocardium affected by Becker muscular dystrophy. *Orphanet Journal of Rare Diseases*, Mar 2020, 15(1), 8.
126. POLASKOVA, K., T. MERTA, A. MARTINCEKOVA, D. ZAPLETALOVA, et al. Comprehensive Molecular Profiling for Relapsed/Refractory Pediatric Burkitt Lymphomas-Retrospective Analysis of Three Real-Life Clinical Cases-Addressing Issues on Randomization and Customization at the Bedside. *Frontiers in Oncology*, Feb 2020, 9, 9.
127. RAFFAELE, M., K. KOVACOVICOVA, F. BONOMINI, R. REZZANI, et al. Senescence-like phenotype in post-mitotic cells of mice entering middle age. *Aging-US*, Jul 2020, 12(14), 13979-13990.
128. SMITAL, L., C. R. HAIDER, M. VITEK, P. LEINVEBER, et al. Real-Time Quality Assessment of Long-Term ECG Signals Recorded by Wearables in Free-Living Conditions. *Ieee Transactions on Biomedical Engineering*, Oct 2020, 67(10), 2721-2734.
129. VALLITTU, P. K., J. P. POSTI, J. M. PIITULAINEN, W. SERLO, et al. Biomaterial and implant induced ossification: in vitro and in vivo findings. *Journal of Tissue Engineering and Regenerative Medicine*, Aug 2020, 14(8), 1157-1168.

130. VERBRUGGEN, L. C., Y. H. WANG, S. H. ARMENIAN, M. J. EHRHARDT, et al. Guidance regarding COVID-19 for survivors of childhood, adolescent, and young adult cancer: A statement from the International Late Effects of Childhood Cancer Guideline Harmonization Group. *Pediatric Blood & Cancer*, Dec 2020, 67(12), 10.
131. VESELKA, J., L. FABER, M. LIEBREGTS, R. COOPER, et al. Long-term outcome of repeated septal reduction therapy after alcohol septal ablation for hypertrophic obstructive cardiomyopathy: insight from the Euro-ASA registry. *Archives of Medical Science*, Aug 2020, 16(5), 1239-1242.
132. VYMETALOVA, L., T. KUCIRKOVA, L. KNOPFOVA, V. POSPISILOVA, et al. Large-Scale Automated Hollow-Fiber Bioreactor Expansion of Umbilical Cord-Derived Human Mesenchymal Stromal Cells for Neurological Disorders. *Neurochemical Research*, Jan 2020, 45(1), 204-214.

Q3

133. BARTOS, R., J. LODIN, A. HEJCL, M. SAMES, et al. The Iatrogenic Development of an Anterior Cerebral Artery Pseudoaneurysm during Lamina Terminalis Fenestration-Genesis, Diagnosis and Therapy: Lessons Learned. *Brain Sciences*, Jun 2020, 10(6), 6.
134. BROWN, D. T., J. C. VICKERS, K. E. STUART, K. CECHOVA, et al. The BDNF Val66Met Polymorphism Modulates Resilience of Neurological Functioning to Brain Ageing and Dementia: A Narrative Review. *Brain Sciences*, Apr 2020, 10(4), 16.
135. CIHLAR, R., V. SRAMEK, A. PAPIEZ, M. PENKA, et al. Pharmacokinetic Comparison of Subcutaneous and Intravenous Nadroparin Administration for Thromboprophylaxis in Critically Ill Patients on Vasopressors. *Pharmacology*, Jan 2020, 105(1-2), 73-78.
136. COQUEL, F., M. J. SILVA, H. TECHER, K. ZADOROZHNY, et al. SAMHD1 acts at stalled replication forks to prevent interferon induction. *Comptes Rendus Biologies*, 2020, 343(1), 9-21.
137. DOLEZIL, D., J. MARKOVA, J. KLIMES, Z. POCIKOVA, et al. An Investigation into the Prevalence of Migraine and Its Prophylactic Treatment Patterns in the Czech Republic: An Observational Study. *Journal of Pain Research*, 2020, 13, 2895-2906.
138. GENSCKE, H., J. W. EVANS, F. S. AL AJLAN, D. DOWLATSHAH, et al. Comparison of different methods of thrombus permeability measurement and impact on recanalization in the INTERRSeCT multinational multicenter prospective cohort study. *Neuroradiology*, Mar 2020, 62(3), 301-306.
139. HEJCL, A., J. LODIN, F. CIHLAR AND M. SAMES Spontaneous Subarachnoid Hemorrhage in a Patient with a Co-Existent Posterior Communicating Artery Aneurysm and Cervical Spine Aneurysm Associated with Ventral Arterio-Venous Fistula. *Brain Sciences*, Feb 2020, 10(2), 8.
140. KELBICH, P., T. RADOVNICKY, I. SELKE-KRULICOVA, J. LODIN, et al. Can Aspartate Aminotransferase in the Cerebrospinal Fluid Be a Reliable Predictive Parameter? *Brain Sciences*, Oct 2020, 10(10), 7.
141. KRAL, J., M. CABAL, L. KASICKOVA, J. HAVELK, et al. Machine learning volumetry of ischemic brain lesions on CT after thrombectomy-prospective diagnostic accuracy study in ischemic stroke patients. *Neuroradiology*, Oct 2020a, 62(10), 1239-1245.
142. KRAL, J., V. KOJECKY, M. STEPAN, M. VLADAROVA, et al. The experience with colorectal cancer screening in the Czech Republic: the detection at earlier stages and improved clinical outcomes. *Public Health*, Aug 2020b, 185, 153-158.
143. MARANHAO, G. A., I. ALVES, E. LATTARI, A. J. OLIVEIRA, et al. Association between type 2 diabetes and non-exercise estimated cardiorespiratory fitness among adults: evidences from a middle-income country. *Public Health*, Dec 2020, 189, 110-114.
144. MASAROVA, L., J. NOVAK, M. PESL, J. ONDRASEK, et al. Recurrent thrombus in the gigantic left atrium during effective anticoagulant therapy: case report. *Bmc Cardiovascular Disorders*, Feb 2020, 20(1), 7.
145. MOVSISYAN, N. K., M. VINCIGUERRA, J. R. MEDINA-INOJOSA AND F. LOPEZ-JIMENEZ Cardiovascular Diseases in Central and Eastern Europe: A Call for More Surveillance and Evidence-Based Health Promotion. *Annals of Global Health*, 2020, 86(1), 10.
146. PARENICA, J., P. KALA, A. MEBAZAA, S. LITTNEROVA, et al. Activation of the Nitric Oxide Pathway and Acute Myocardial Infarction Complicated by Acute Kidney Injury. *Cardiorenal Medicine*, Mar 2020, 10(2), 85-96.

147. PAVLOVSKA, I., S. KUNZOVA, J. JAKUBIK, J. HRUSKOVA, et al. Associations between high triglycerides and arterial stiffness in a population-based sample: Kardiovize Brno 2030 study. *Lipids in Health and Disease*, Jul 2020, 19(1), 9.
148. QUAST, T., R. ANDEL, S. GREGORY AND E. A. STORCH Years of life lost associated with COVID-19 deaths in the United States. *Journal of Public Health*, Dec 2020, 42(4), 717-722.
149. SPISSKA, V., D. PACESOVA, H. MIKOVA, P. POHANOVA, et al. Prenatal exposure to lipopolysaccharide induces changes in the circadian clock in the SCN and AA-NAT activity in the pineal gland. *Brain Research*, Sep 2020, 1743, 8.
150. TONHAJZEROVA, I., A. MESTANIKOVA, A. JURKO, M. GRENDAR, et al. Arterial stiffness and haemodynamic regulation in adolescent anorexia nervosa versus obesity. *Applied Physiology Nutrition and Metabolism*, Jan 2020, 45(1), 81-90.
151. VINEREANU, D., J. SPINAR, A. PATHAK AND D. KOZLOWSKI Role of Metoprolol Succinate in the Treatment of Heart Failure and Atrial Fibrillation: A Systematic Review. *American Journal of Therapeutics*, Mar-Apr 2020, 27(2), E183-E193.

Q4

152. AMERISO, S. F., P. AMARENCO, L. A. PEARCE, K. S. PERERA, et al. Intracranial and systemic atherosclerosis in the NAVIGATE ESUS trial: Recurrent stroke risk and response to antithrombotic therapy. *Journal of Stroke & Cerebrovascular Diseases*, Aug 2020, 29(8), 8.
153. BRYNDZIAR, T., P. SEDOVA, R. D. BROWN, E. FISEROVA, et al. Trends in One Month and One Year Hemorrhagic Stroke Case Fatality Rates in the Czech Republic between 1998 and 2015. *Journal of Stroke & Cerebrovascular Diseases*, Jun 2020, 29(6), 7.
154. CECHOVA, K., Z. CHMATALOVA, V. MATUSKOVA, V. MATOSKA, et al. APOE and BDNF as genetic risk markers for predicting the onset and development of cognitive deficits due to Alzheimer's disease. *Ceska a Slovenska Neurologie a Neurochirurgie*, 2020b, 83(3), 257-262.
155. CERMAN, J., J. LACZO, M. VYHNALEK, J. MALINOVSKA, et al. Cerebrospinal fluid ratio of phosphorylated tau protein and beta amyloid predicts amyloid PET positivity. *Ceska a Slovenska Neurologie a Neurochirurgie*, 2020, 83(2), 173-179.
156. CIMFLOVA, P., O. VOLNY, R. MIKULIK, B. TYSHCHENKO, et al. Detection of ischemic changes on baseline multimodal computed tomography: expert reading vs. Brainomix and RAPID software. *Journal of Stroke & Cerebrovascular Diseases*, Sep 2020, 29(9), 10.
157. FERENT, I. F., A. MESTER, O. HLINOMAZ, L. GROCH, et al. Intracoronary Imaging for Assessment of Vascular Healing and Stent Follow-up in Bioresorbable Vascular Scaffolds. *Current Medical Imaging*, 2020, 16(2), 123-134.
158. HORAVOVA, L., K. NEBESKA, L. SOUCKOVA, R. DEMLOVA, et al. The Current Status of European and National Financial Sources for Clinical Research and Their Impact on Paediatric Non-commercial Clinical Trials: A Case Study of the Czech Republic. *Therapeutic Innovation & Regulatory Science*, Nov 2020, 54(6), 1461-1472.
159. JACKOVA, J., P. SEDOVA, R. D. BROWN, M. ZVOLSKY, et al. Risk Factors in Ischemic Stroke Subtypes: A Community-Based Study in Brno, Czech Republic. *Journal of Stroke & Cerebrovascular Diseases*, Feb 2020, 29(2), 8.
160. JEZ, J., T. JADCZYK, F. LEHAR, M. PESL, et al. Comparison of atrial fibrillation ablation efficacy using remote magnetic navigation vs. manual navigation with contact-force control. *Biomedical Papers-Olomouc*, Dec 2020, 164(4), 387-393.
161. KAHOUNOVA, Z., J. REMSIK, R. FEDR, J. BOUCHAL, et al. Slug-expressing mouse prostate epithelial cells have increased stem cell potential. *Stem Cell Research*, Jul 2020, 46, 10.
162. KORTE, E., R. SCHILLING, M. BALCEREK, J. BYRNE, et al. Fertility-Related Wishes and Concerns of Adolescent Cancer Patients and Their Parents. *Journal of Adolescent and Young Adult Oncology*, Feb 2020a, 9(1), 55-62.
163. MACHAL, J., O. HLINOMAZ, K. KOSTOLANSKA, O. PES, et al. CYP2C19 and CYP3A4 activity and ADP-induced platelet reactivity in prasugrel- or ticagrelor-treated STEMI patients: monocentric study in PRAGUE-18 trial participants. *Xenobiotica*, Aug 2020, 50(8), 929-938.
164. MATUSKOVA, V., T. NIKOLAI, H. MARKOVA, K. CECHOVA, et al. Neuropsychiatric symptoms as early manifestation of Alzheimer's disease. *Ceska a Slovenska Neurologie a Neurochirurgie*, 2020, 83(1), 64-72.

165. OSPEL, J. M., N. KASHANI, A. MAYANK, P. CIMFLOVA, et al. Impact and prevention of errors in endovascular treatment of unruptured intracranial aneurysms. *Interventional Neuroradiology*, Oct 2020b, 26(5), 575-581.
166. SVACINOVA, J., J. HRUSKOVA, J. JAKUBIK, K. BUDINSKAYA, et al. Variability of Peripheral Pulse Wave Velocity in Patients With Diabetes Mellitus Type 2 During Orthostatic Challenge. *Physiological Research*, Dec 2020, 69, S433-S441.
167. VASINA, M., P. VANACEK, J. DAMBORSKY AND Z. PROKOP. Exploration of enzyme diversity: High-throughput techniques for protein production and microscale biochemical characterization. In D.S. TAWFIK ed. *Enzyme Engineering and Evolution: General Methods*. London: Academic Press Ltd-Elsevier Science Ltd, 2020, vol. 643, p. 51-85.

N/A

168. CASOLLA, B., M. A. DE LECINANA, R. NEVES, W. PFEILSCHIFTER, et al. Simulation training programs for acute stroke care: Objectives and standards of methodology. *European Stroke Journal*, Dec 2020, 5(4), 328-335.
169. GOODMAN, D., J. P. GONZALEZ-RIVAS, L. M. JAACKS, M. DURAN, et al. Dietary intake and cardiometabolic risk factors among Venezuelan adults: a nationally representative analysis. *Bmc Nutrition*, Oct 2020, 6(1), 13.
170. JURAK, P., K. CURILA, P. LEINVEBER, F. W. PRINZEN, et al. Novel ultra-high-frequency electrocardiogram tool for the description of the ventricular depolarization pattern before and during cardiac resynchronization. *Journal of Cardiovascular Electrophysiology*, Jan 2020, 31(1), 300-307.
171. KOBESOVA, A., P. DAVIDEK, C. E. MORRIS, R. ANDEL, et al. Functional postural-stabilization tests according to Dynamic Neuromuscular Stabilization approach: Proposal of novel examination protocol. *Journal of Bodywork and Movement Therapies*, Jul 2020, 24(3), 84-95.
172. LANGER, T., E. CLEMENS, L. BROER, L. MAIER, et al. Association of candidate pharmacogenetic markers with platinum-induced ototoxicity: PanCareLIFE dataset. *Data in Brief*, Oct 2020a, 32, 8.
173. MIKULIK, R., V. CASO, N. M. BORNSTEIN, V. SVOBODOVA, et al. Enhancing and accelerating stroke treatment in Eastern European region: Methods and achievement of the ESO EAST program. *European Stroke Journal*, Jun 2020a, 5(2), 204-212.
174. NOVOTNY, P., R. PANOVSKY, L. GROCH AND V. FEITOVA Subacute myocardial infarction in the patient with giant coronary artery aneurysm. *Cor Et Vasa*, Oct-Nov 2020b, 62(5), 445-447.
175. SOUCEK, F., G. CALUORI, F. LEHAR, J. JEZ, et al. Bipolar ablation with contact force-sensing of swine ventricles shows improved acute lesion features compared to sequential unipolar ablation. *Journal of Cardiovascular Electrophysiology*, May 2020, 31(5), 1128-1136.