

Orflo Technologies Moxi Z - Citation List

(Sorted by year, newest to oldest)

- [1] R. Saigusa, C. P. Durant, V. Suryawanshi, and K. Ley, "Single-Cell Antibody Sequencing in Atherosclerosis Research," *Atherosclerosis*, 2022, doi: 10.1007/978-1-0716-1924-7_46.
- [2] K. B. Velle, A. S. Kennard, M. Trupinić, A. Ivec, and ..., "Naegleria's mitotic spindles are built from unique tubulins and highlight core spindle features," *Current Biology*. Elsevier, 2022.
- [3] J. Pothlighet, A. Meola, F. Bugault, L. Jeammet, and ..., "Microbial Protein Binding to gC1qR Drives PLA2G1B-Induced CD4 T-Cell Anergy," *Frontiers in ...*. frontiersin.org, 2022, doi: 10.3389/fimmu.2022.824746.
- [4] J. M. S. Shah, B. Lundquist, J. Macaitis, and ..., "Comparative evaluation of mesenchymal stromal cell growth and osteogenic differentiation on a shape memory polymer scaffold," ... *Res. Part B ...*, 2022, doi: 10.1002/jbm.b.35061.
- [5] G. K. C. Lee, H. Kang, J. Beeler-Marfisi, W. Sears, B. N. Lillie, and ..., "Effects of equine SALSA on neutrophil phagocytosis and macrophage cytokine production," *PloS one*. journals.plos.org, 2022.
- [6] J. Godrijan, D. T. Drapeau, and W. M. Balch, "Osmotrophy of dissolved organic carbon by coccolithophores in darkness," *New Phytol.*, 2022, doi: 10.1111/nph.17819.
- [7] M. Jang, J. Scheffold, L. M. Røst, H. Cheon, and P. Bruheim, "Serum-free cultures of C2C12 cells show different muscle phenotypes which can be estimated by metabolic profiling," *Scientific reports*. nature.com, 2022.
- [8] H. Yamamoto, K. Shibuya, T. Fukushima, and ..., "Effects of antioxidant capacity on micronucleus induction by cigarette smoke in mammalian cells," ... */Genetic Toxicology and ...* Elsevier, 2022.
- [9] L. Yu *et al.*, "Thorium inhibits human respiratory chain complex IV (cytochrome c oxidase)," *J. Hazard. ...*, 2022.
- [10] W. Li *et al.*, "Protective effects of Polygonatum kingianum polysaccharides and aqueous extract on uranium-induced toxicity in human kidney (HK-2) cells," *Int. J. ...*, 2022.
- [11] Ø. P. Haugen, C. Khuu, H. M. Weidemann, T. P. Utheim, and ..., "Transcriptomic and functional studies reveal miR-431-5p as a tumour suppressor in pancreatic ductal adenocarcinoma cells," *Gene*. Elsevier, 2022.
- [12] M. A. M. Reijns, D. A. Parry, T. C. Williams, F. Nadeu, and ..., "Signatures of TOP1 transcription-associated mutagenesis in cancer and germline," *Nature*. nature.com, 2022.
- [13] L. M. Røst, C. Louet, P. Bruheim, T. H. Flo, and A. Gidon, "Pyruvate supports RET-dependent mitochondrial ROS production necessary to control Mycobacterium avium infection in human primary macrophages," *bioRxiv*, 2022, doi: 10.1101/2022.02.01.478654.abstract.
- [14] J. Bavananthasivam, N. Alqazlan, M. Alizadeh, and ..., "The Regulatory Microenvironment in Feathers of Chickens Infected with Very Virulent Marek's Disease Virus," *Viruses*, 2022.
- [15] B. J. O'Brien, *Interrogating Cell-Specific Roles of Calcium/Calmodulin-Dependent Protein Kinase Delta Splice Variants in the Vascular Wall*. search.proquest.com, 2022.
- [16] H. Kang, D. Bienzle, G. K. C. Lee, É. Piché, and ..., "Flow cytometric analysis of equine bronchoalveolar lavage fluid cells in horses with and without severe equine asthma," *Vet. ...*, 2022, doi: 10.1177/03009858211042588.
- [17] M. Huot, M. Caron, C. Richer, R. Djibo, and ..., "Repurposing proscillarin A in combination with decitabine against embryonal rhabdomyosarcoma RD cells," *Cancer Chemother. ...*, 2021, doi: 10.1007/s00280-021-04339-6.
- [18] N. Goswami, Y. Lu, M. E. Kandel, M. J. Fanous, and ..., "Monitoring reactivation of latent HIV by label-free gradient light interference microscopy," *Iscience*. Elsevier, 2021.
- [19] Y. Kushnareva, I. T. Mathews, A. Y. Andreyev, and ..., "Functional Analysis of Immune Signature Genes in Th1* Memory Cells Links ISOC1 and Pyrimidine Metabolism to IFN-γ and IL-17 Production," *J. ...*, 2021.
- [20] J. Gamara, L. Davis, A. Z. Leong, N. Pagé, and ..., "Arf6 regulates energy metabolism in neutrophils," *Free Radical Biology* Elsevier, 2021.
- [21] B. Kumar, C. Navarro, N. Winblad, J. P. Schell, C. Zhao, and ..., "Polycomb Repressive Complex 2 shields naïve human pluripotent cells from trophectoderm differentiation," *bioRxiv*, 2021, doi: 10.1101/2021.08.21.457215.abstract.
- [22] N. Babanejad, U. Kandalam, R. Ahmad, Y. Omidi, and ..., "Abuse-deterrant properties and cytotoxicity of poly (ethylene oxide) after thermal tampering," *Int. J. ...*, 2021.
- [23] A. Bileck, P. Bortel, M. Kriz, L. Janker, E. Kiss, and ..., "Inward Outward Signaling in Ovarian Cancer: Morpho-Phospho-Proteomic Profiling Upon Application of Hypoxia and Shear Stress Characterizes the ..." *Frontiers in ...*. europepmc.org, 2021.
- [24] J. P. Buerck, D. K. Burke, D. W. Schmidtke, T. A. Snyder, and ..., "Production of erythrocyte microparticles in a sub-hemolytic environment," *J. Artif. ...*, 2021, doi: 10.1007/s10047-020-01231-7.
- [25] J. Bavananthasivam, M. Alizadeh, J. Astill, N. Alqazlan, and ..., "Effects of administration of probiotic lactobacilli on immunity conferred by the herpesvirus of turkeys vaccine against challenge with a very virulent Marek's disease ...," *Vaccine*, 2021.

- [26] E. Mustafa, J. Luukkonen, J. Makkonen, and ..., "The duration of exposure to 50 Hz magnetic fields: Influence on circadian genes and DNA damage responses in murine hematopoietic FDC-P1 cells," ... *Molecular Mechanisms of ...* Elsevier, 2021.
- [27] J. D. Tse, R. Moore, Y. Meng, W. Tao, E. R. Smith, and ..., "Dynamic conversion of cell sorting patterns in aggregates of embryonic stem cells with differential adhesive affinity," *BMC developmental ...* Springer, 2021, doi: 10.1186/s12861-020-00234-0.
- [28] R. Ramadan, M. Claessens, and ..., "X-irradiation induces acute and early term inflammatory responses in atherosclerosis-prone ApoE-/-mice and in endothelial cells," *Mol ...*, 2021, doi: 10.3892/mmr.2021.12038.
- [29] L. Barbieri, P. Veliça, P. A. Gameiro, P. P. Cunha, and ..., "Lactate regulation of activation in CD8+ T cells," *bioRxiv*, 2021, doi: 10.1101/2021.12.14.472728.abstract.
- [30] Z. C. Lin, T. L. Hwang, T. H. Huang, K. Tahara, J. Trousil, and ..., "Monovalent antibody-conjugated lipid-polymer nanohybrids for active targeting to desmoglein 3 of keratinocytes to attenuate psoriasisform inflammation," *Theranostics*. ncbi.nlm.nih.gov, 2021.
- [31] S. Y. Chuang, C. Y. Chen, S. C. Yang, A. Alalaiwe, and ..., "2, 4-dimethoxy-6-methylbenzene-1, 3-diol, a benzenoid from *Antrodia cinnamomea*, Mitigates Psoriasisform inflammation by suppressing MAPK/NF- κ B ...," *Frontiers in ...* frontiersin.org, 2021, doi: 10.3389/fimmu.2021.664425.
- [32] M. G. CHRISPHINE, *EFFECTS OF ROOM TEMPERATURE ON ERYTHROCYTE INDICES OVERTIME AMONG DONOR SAMPLES IN KISII TEACHING AND REFERRAL HOSPITAL* 41.89.196.16, 2021.
- [33] W. D. Guerra, D. Lucena-Agell, R. Hortiguera, and ..., "Design, Synthesis, and in vitro Evaluation of Tubulin-Targeting Dibenzothiazazines with Antiproliferative Activity as a Novel Heterocycle Building Block," ..., 2021, doi: 10.1002/cmdc.202100383.
- [34] L. Yu *et al.*, "Uranium inhibits mammalian mitochondrial cytochrome c oxidase and ATP synthase," *Environ. ...*, 2021.
- [35] Z. ZHENG, L. I. Fang, L. I. Hongyu, Z. H. U. Kun, and ..., "Rapid regulation of hemocyte homeostasis in crayfish and its manipulation by viral infection," *Fish and Shellfish* Elsevier, 2021.
- [36] A. V. E. Díaz, *Development of phenotypic screening method based on cell staining*. riull.ull.es, 2021.
- [37] I. V Mindukshev, I. V Kudryavtsev, M. K. Serebriakova, and ..., "Flow cytometry and light-scattering techniques in evaluation of nutraceuticals," *Nutraceuticals*, 2021.
- [38] R. Forner, G. Bombassaro, F. V Bellaver, S. Maciag, and ..., "Distribution difference of colostrum-derived B and T cells subsets in gilts and sows," *Plos one. journals.plos.org*, 2021.
- [39] P. F. Cruz, "Early pharmacological profiling of SLC6A14 inhibitors." 193.145.118.245, 2021.
- [40] K. Fujimaki, *Heterogeneity, Plasticity, and Complications in Cellular Dormancy*. search.proquest.com, 2021.
- [41] P. M. Silva, M. T. Augusto, M. Porotto, and N. C. Santos, "The pH-sensitive action of cholesterol-conjugated peptide inhibitors of influenza virus," *Biochim. Biophys. ...*, 2021.
- [42] A. Tiwari *et al.*, "COPD-associated miR-145-5p is downregulated in early-decline FEV1 trajectories in childhood asthma," *Journal of Allergy and ...* Elsevier, 2021.
- [43] A. Blanco, T. Mahajan, R. A. Coronado, K. Ma, D. R. Demma, and ..., "Synergistic Chromatin-Modifying Treatments Reactivate Latent HIV and Decrease Migration of Multiple Host-Cell Types," *Viruses*, 2021.
- [44] X. Chen, Y. Guan, K. Li, T. Luo, Y. Mu, and X. Chen, "IRF1 and IRF2 act as positive regulators in antiviral response of large yellow croaker (*Larimichthys crocea*) by induction of distinct subgroups of type I IFNs," ... *Comp. Immunol.*, 2021.
- [45] H. W. Shih, G. C. Alas, D. S. Rydell, B. Zhang, G. A. Hamilton, and ..., "An early signaling transcription factor regulates differentiation in Giardia," *bioRxiv*, 2021, doi: 10.1101/2021.05.27.446072.abstract.
- [46] A. G. Alotaibi, J. V Li, and N. J. Gooderham, "Tumour necrosis factor- α (TNF- α) enhances dietary carcinogen-induced DNA damage in colorectal cancer epithelial cells through activation of JNK signaling ...," *Toxicology*. Elsevier, 2021.
- [47] M. V Eren, J. Hwang, J. Fidel, R. Sellon, and ..., "Preliminary Evaluation of an Autologous Dendritic Cell Vaccine Using Nanoparticle Technology for the Treatment of Canine Malignant Melanoma," *American Journal of ...* article.ajobls.com, 2021.
- [48] B. Neuditschko, M. Leibetseder, J. Brunmair, G. Hagn, and ..., "Epithelial Cell Line Derived from Endometriotic Lesion Mimics Macrophage Nervous Mechanism of Pain Generation on Proteome and Metabolome Levels," *Biomolecules*, 2021.
- [49] L. Niederstaetter, B. Neuditschko, J. Brunmair, L. Janker, and ..., "Eicosanoid content in fetal calf serum accounts for reproducibility challenges in cell culture," *Biomolecules*, 2021.
- [50] J. C. Guito, J. B. Prescott, C. E. Arnold, B. R. Amman, and ..., "Asymptomatic infection of Marburg virus reservoir bats is explained by a strategy of immunoprotective disease tolerance," *Current Biology*. Elsevier, 2021.
- [51] F. Mignot, Y. Kirova, P. Verrelle, M. P. Teulade-Fichou, and ..., "In vitro effects of Trastuzumab Emtansine (T-DM1) and concurrent irradiation on HER2-positive breast cancer cells," *Cancer ...*, 2021.
- [52] F. Li, Z. Zheng, H. Li, R. Fu, L. Xu, and F. Yang, "Crayfish hemocytes develop along the granular cell lineage," *Scientific reports*. nature.com, 2021.

- [53] S. Y. Kang, P. Joshi, and M. Y. Lee, "High-Throughput Screening of Compound Neurotoxicity Using 3D-Cultured Neural Stem Cells on a 384-Pillar Plate," *Curr. Protoc.*, 2021, doi: 10.1002/cpz1.107.
- [54] L. Serrano-Márquez, Á. Trigos, A. Couttolenc, and ..., "Antiproliferative and antibacterial activity of extracts of Ganoderma strains grown in vitro," *Food Sci.* ..., 2021, doi: 10.1007/s10068-021-00903-1.
- [55] M. Baquero, K. Vulikh, C. Wong, M. Domony, and ..., "Effects of inflammatory stimuli on responses of macrophages to Mycoplasma bovis infection," *Vet.* ..., 2021.
- [56] A. B. Alias, H. Y. Huang, and D. J. Yao, "A Review on Microfluidics: An Aid to Assisted Reproductive Technology," *Molecules*, 2021.
- [57] H. Samdal, S. A. Hegre, K. Chawla, N. B. Liabakk, P. A. Aas, and ..., "The G2-phase enriched lncRNA SNHG26 is necessary for proper cell cycle progression and proliferation," *bioRxiv*, 2021, doi: 10.1101/2021.02.22.432245.abstract.
- [58] E. Prokhorova, T. Agnew, A. R. Wondisford, M. Tellier, and ..., "Unrestrained poly-ADP-ribosylation provides insights into chromatin regulation and human disease," *Molecular cell*. Elsevier, 2021.
- [59] M. Alizadeh, J. Bavananthasivam, B. Shojaoosef, and ..., "In Ovo and Oral Administration of Probiotic Lactobacilli Modulate Cell-and Antibody-Mediated Immune Responses in Newly Hatched Chicks," *Frontiers in ... frontiersin.org*, 2021, doi: 10.3389/fimmu.2021.664387.
- [60] L. Yin, W. Y. Au, C. C. Yu, T. Kwon, Z. Lai, and ..., "Miniature auto-perfusion bioreactor system with spiral microfluidic cell retention device," *Biotechnol.* ..., 2021, doi: 10.1002/bit.27709.
- [61] J. H. J. Tan, S. L. Kong, J. A. Tai, H. M. Poh, F. Yao, and ..., "Experimental and bioinformatics considerations in cancer application of single cell genomics," *Computational and ... Elsevier*, 2021.
- [62] P. N. Smith, L. Mao, K. Sinha, and A. J. Russell, "Organophosphate detoxification by membrane-engineered red blood cells," *Acta Biomaterialia*. Elsevier, 2021.
- [63] B. J. O'Brien, H. A. Singer, A. P. Adam, and ..., "CaMKIIδ is upregulated by pro-inflammatory cytokine IL-6 in a JAK/STAT3-dependent manner to promote angiogenesis," *FASEB ...*, 2021, doi: 10.1096/fj.202002755R.
- [64] S. M. R. Méndez, "VEHICULIZATION OF DRUGS WITH ANTIPROLIFERATIVE ACTIVITY IN PROTEIN NANOPARTICLES AS AN ALTERNATIVE TO PEGYLATION TO INCREASE ...," *riull.ull.es*, 2021.
- [65] J. Sun, G. Gaidosh, Y. Xu, A. Mookhtiar, N. Man, and ..., "RAC1 plays an essential role in estrogen receptor alpha function in breast cancer cells," *Oncogene*. nature.com, 2021.
- [66] C. J. Ulshöfer, *The RNA-binding protein and tumour marker IMP3: Functional analysis and development of therapeutic circular RNA sponges*. jlupub.ub.uni-giessen.de, 2021.
- [67] H. Nygård, "Effects of Providencia alcalifaciens and its cytolethal distending toxin on canine intestinal epithelial cells." *nmbu.brage.unit.no*, 2021.
- [68] S. S. Nuthalapati, *Human circular RNAs: design, development and functional analysis of protein sponges*. jlupub.ub.uni-giessen.de, 2021.
- [69] J. Du, R. S. Carroll, G. J. Steers, B. A. Wagner, B. R. O'Leary, and ..., "Catalase Modulates the Radio-Sensitization of Pancreatic Cancer Cells by Pharmacological Ascorbate," *Antioxidants*, 2021.
- [70] K. E. Parrish, J. Swanson, L. Cheng, E. Luk, and ..., "Pharmacodynamics-based approach for efficacious human dose projection of BMS-986260, a small molecule transforming growth factor beta receptor 1 inhibitor," ... *Drug Dispos.*, 2021, doi: 10.1002/bdd.2256.
- [71] Ó. T. De Burgos, *Early pharmacological profiling of small molecules*. riull.ull.es, 2021.
- [72] H. Samdal, S. A. Hegre, K. Chawla, N. B. Liabakk, P. A. Aas, and ..., "The lncRNA EPB41L4A-AS1 regulates gene expression in the nucleus and exerts cell type-dependent effects on cell cycle progression," *bioRxiv*, 2021, doi: 10.1101/2021.02.10.430566.abstract.
- [73] S. A. Hegre, H. Samdal, A. Klima, E. B. Stovner, and ..., "Joint changes in RNA, RNA polymerase II, and promoter activity through the cell cycle identify non-coding RNAs involved in proliferation," *Scientific reports*. nature.com, 2021.
- [74] V. Mantziou, P. Baillie-Benson, M. Jaklin, and ..., "In vitro teratogenicity testing using a 3D, embryo-like gastruloid system," *Reproductive ... Elsevier*, 2021.
- [75] S. Ali, E. P. Lombardi, D. Ghosh, T. Jia, G. Vitry, and ..., "Pt-ttpp, a G-quadruplex binding platinum complex, induces telomere dysfunction and G-rich regions DNA damage," *Metallomics*, 2021.
- [76] A. Macias-Muñoz and A. Mortazavi, "A Bioinformatics Pipeline for Investigating Molecular Evolution and Gene Expression using RNA-seq," *JoVE (Journal of Visualized Experiments)*. jove.com, 2021.
- [77] K. Skowron-Kandzia, M. Tomsia, and ..., "Gene Expression in Amnion-Derived Cells Cultured on Recombinant Laminin 332—A Preliminary Study," *Frontiers in ... ncbi.nlm.nih.gov*, 2021.
- [78] B. N. Smith, M. Hannas, C. Orso, and ..., "Dietary osteopontin-enriched algal protein as nutritional support in weaned pigs infected with F18-fimbriated enterotoxigenic Escherichia coli," *J. Anim.* ..., 2020.
- [79] H. Hezroni, R. B. Perry, N. Gil, N. Degani, and ..., "Regulation of neuronal commitment in mouse embryonic stem cells by the Reno1/Bahcc1 locus," *EMBO ...*, 2020, doi: 10.15252/embr.202051264.
- [80] M. A. Estermann, S. Williams, C. E. Hirst, Z. Y. Roly, and ..., "Insights into gonadal sex differentiation provided by single-cell transcriptomics in the chicken embryo," *Cell Reports*. Elsevier, 2020.

- [81] H. Rundqvist, P. Veliça, L. Barbieri, P. A. Gameiro, and ..., "Cytotoxic T-cells mediate exercise-induced reductions in tumor growth," *Elife*, 2020.
- [82] J. M. Stolwijk, K. C. Falls-Hubert, C. C. Searby, B. A. Wagner, and ..., "Simultaneous detection of the enzyme activities of GPx1 and GPx4 guide optimization of selenium in cell biological experiments," *Redox biology*. Elsevier, 2020.
- [83] G. Behnammanesh, G. L. Durante, Y. P. Khanna, K. J. Peyton, and ..., "Canagliflozin inhibits vascular smooth muscle cell proliferation and migration: Role of heme oxygenase-1," *Redox biology*. Elsevier, 2020.
- [84] G. M. Diaz, *Immune regulation by mimethyl fumarate (DMF) in relapsing-remitting multiple sclerosis patients*. cris.maastrichtuniversity.nl, 2020.
- [85] M. ElBrolosy, "A novel role for mutant mRNA degradation in triggering transcriptional adaptation to mutations." Dissertation, Frankfurt am Main ..., 2020.
- [86] T. Dobrzycki, M. Krechsel, and R. Monteiro, "Genotyping and quantification of in situ hybridization staining in zebrafish," *JoVE (Journal of Visualized jove.com*, 2020.
- [87] D. Dibitetto, J. R. Sims, C. F. R. Ascenção, K. Feng, R. Freire, and ..., "ATR Inhibitors as Potent Modulators of DNA End Resection Capacity," *bioRxiv*, 2020, doi: 10.1101/2020.01.13.905059.abstract.
- [88] A. Estolano-Cobián, E. Noriega-Iribar, and ..., "Antioxidant, antiproliferative, and acetylcholinesterase inhibition activity of amino alcohol derivatives from 1, 4-naphthoquinone," *Med. Chem.* ..., 2020, doi: 10.1007/s00044-020-02617-1.
- [89] M. Worku, E. K. Asiamah, M. Vailati-Riboni, and ..., "Supplemental methionine, choline, or taurine affect galectin gene expression in adult holstein cow and neonatal holstein calf neutrophils in vitro," ... *food Sci.*, 2020.
- [90] E. Stelcer, P. Milecka, H. Komarowska, K. Jopek, and ..., "Adropin stimulates proliferation and inhibits adrenocortical steroidogenesis in the human adrenal carcinoma (HAC15) Cell Line," *Frontiers in frontiersin.org*, 2020, doi: 10.3389/fendo.2020.561370.
- [91] N. Moris, K. Anlas, S. C. van den Brink, A. Alemany, and ..., "An in vitro model of early anteroposterior organization during human development," *Nature*, 2020.
- [92] T. Zaidieh, "ROS and mitochondrial genetic abnormalities as novel indicators to predict anticancer drug efficacy." researchportal.port.ac.uk, 2020.
- [93] P. Natarajan, J. D. Roberts, N. Kunte, and ..., "A study of the cellular uptake of magnetic branched amphiphilic peptide capsules," *Mol.* ..., 2020, doi: 10.1021/acs.molpharmaceut.0c00393.
- [94] C. Doigneaux, A. M. Pedley, I. N. Mistry, M. Papayova, and ..., "Hypoxia drives the assembly of the multienzyme purinosome complex," *Journal of Biological ASBMB*, 2020.
- [95] J. Gamara, L. Davis, E. Rollet-Labelle, T. Hongu, and ..., "Assessment of Arf6 Deletion in PLB-985 Differentiated in Neutrophil-Like Cells and in Mouse Neutrophils: Impact on Adhesion and Migration," *Mediators of hindawi.com*, 2020.
- [96] J. Yue, R. Vendramin, F. Liu, O. Lopez, and ..., "Targeted chemotherapy overcomes drug resistance in melanoma," *Genes* ..., 2020.
- [97] M. Emam, A. Cánovas, A. D. Islas-Trejo, P. A. S. Fonseca, and ..., "Transcriptomic profiles of monocyte-derived macrophages in response to Escherichia coli is associated with the host genetics," *Scientific reports*. nature.com, 2020.
- [98] S. Defreitas, M. Rowe, L. Paculis, and D. Jia, "Integration of Bioinformatics Approaches and Experimental Validations to Understand the Role of Notch Signaling in Ovarian Cancer," *JoVE (Journal of Visualized jove.com*, 2020.
- [99] J. J. Sanchez, *Early pharmacological profiling of ck1e inhibitors*. riull.ull.es, 2020.
- [100] W. Ji, P. N. Smith, R. R. Koepsel, J. D. Andersen, S. L. Baker, and ..., "Erythrocytes as carriers of immunoglobulin-based therapeutics," *Acta Biomater.*, 2020.
- [101] T. Fushimi, Y. Izumi, M. Takahashi, K. Hata, and ..., "Dynamic metabolome analysis reveals the metabolic fate of medium-chain fatty acids in AML12 cells," *J. Agric.* ..., 2020, doi: 10.1021/acs.jafc.0c04723.
- [102] E. M. Lawrence, *The Role of Mutant DNMT3a in Ageing and in the Regulation of Normal and Malignant Haematopoiesis*. minerva-access.unimelb.edu.au, 2020.
- [103] M. Jokinen, K. Pittois, S. van den Akker, I. Gutschoven, and ..., "Multiphase matrix of silica, culture medium and air for 3D mammalian cell culture," *Cytotechnology*, 2020, doi: 10.1007/s10616-020-00376-w.
- [104] X. Zhang, *ER-mitochondria contacts regulate a redox-driven signaling axis to control melanoma progression*. publikationen.sulb.uni-saarland.de, 2020.
- [105] K. E. Hahn, I. Dahms, C. M. Butt, N. S. Jr, and ..., "Impact of Arachidonic and Docosahexaenoic Acid Supplementation on Neural and Immune Development in the Young Pig," *Frontiers in frontiersin.org*, 2020, doi: 10.3389/fnut.2020.592364.
- [106] Y. Wang, Z. Kuang, L. Li, and X. Yang, "A Bioinformatics Pipeline to Accurately and Efficiently Analyze the MicroRNA Transcriptomes in Plants," *JoVE (Journal of Visualized Experiments)*. jove.com, 2020.

- [107] K. C. Kloeppling, A. S. Kraus, D. K. Hedlund, C. M. Gnade, and ..., "Triphenylphosphonium derivatives disrupt metabolism and inhibit melanoma growth in vivo when delivered via a thermosensitive hydrogel," *PloS one*. journals.plos.org, 2020.
- [108] P. Sareło, M. Duda, M. Gąsior-Głogowska, E. Wysokińska, and ..., "Antibody CD133 Biofunctionalization of Ammonium Acryloyldimethyltaurate and Vinylpyrrolidone Co-Polymer-Based Coating of the Vascular Implants," *Materials (Basel)*, 2020.
- [109] D. Dibitetto, J. R. Sims, C. F. R. Ascençao, K. Feng, and ..., "Intrinsic ATR signaling shapes DNA end resection and suppresses toxic DNA-PKcs signaling," *NAR* ..., 2020.
- [110] L. M. Røst, L. B. Thorfinnssdottir, K. Kumar, K. Fuchino, and ..., "Absolute quantification of the central carbon metabolome in eight commonly applied prokaryotic and eukaryotic model systems," *Metabolites*, 2020.
- [111] L. J. Marcos-Zambrano, M. Á. Bordallo-Cardona, and ..., "Candida isolates causing candidemia show different degrees of virulence in *Galleria mellonella*," *Med* ..., 2020.
- [112] Y. Larpin, H. Besançon, M. I. Iacovache, and ..., "Bacterial pore-forming toxin pneumolysin: Cell membrane structure and microvesicle shedding capacity determines differential survival of immune cell types," *FASEB* ..., 2020, doi: 10.1096/fj.201901737RR.
- [113] B. Neuditschko, L. Janker, L. Niederstaetter, and ..., "The challenge of classifying metastatic cell properties by molecular profiling exemplified with cutaneous melanoma cells and their cerebral metastasis from ...," *Molecular & Cellular* ASBMB, 2020.
- [114] B. Gunasegaran, P. M. Neilsen, and S. D. Smid, "P53 activation suppresses irinotecan metabolite SN-38-induced cell damage in non-malignant but not malignant epithelial colonic cells," *Toxicol. Vitr.*, 2020.
- [115] K. Bohn-Wippert and R. D. Dar, "Cell size dependent migration of T-cells latently infected with HIV," ... *of life sciences (Westlake Village, Calif.)*. ncbi.nlm.nih.gov, 2020.
- [116] A. M. Airo, *Elucidating the Molecular Mechanisms by which Arboviruses Hijack Cellular Pathways*. era.library.ualberta.ca, 2020.
- [117] C. K. Postnikoff, K. Held, V. Viswanath, and K. K. Nichols, "Enhanced closed eye neutrophil degranulation in dry eye disease," *Ocul. Surf.*, 2020.
- [118] D. Burgenson, J. Linton, X. Ge, Y. Kostov, and ..., "A Cell-Free Protein Expression System Derived from Human Primary Peripheral Blood Mononuclear Cells," *ACS Synth.* ..., 2020, doi: 10.1021/acssynbio.0c00256.
- [119] R. J. Buckanovich, *The Function of NFAT3 in Ovarian Cancer Cell Quiescence and Chemotherapy Resistance*. apps.dtic.mil, 2020.
- [120] E. M. Mihelc, S. Angel, R. V Stahelin, and S. Mattoo, "The CryoAPEX Method for Electron Microscopy Analysis of Membrane Protein Localization Within Ultrastructurally-Preserved Cells," *JoVE (Journal of Visualized* jove.com, 2020.
- [121] S. Petrus-Reurer, P. Kumar, and ..., "Preclinical safety studies of human embryonic stem cell-derived retinal pigment epithelial cells for the treatment of age-related macular degeneration," *Stem cells* ..., 2020.
- [122] M. Fon, *The dental monomer 2-hydroxyethyl methacrylate attenuate the release of interleukin-1β in RAW264. 7 cells–Possible role of Nrf2 and autophagy*. duo.uio.no, 2020.
- [123] S. Y. Kang, K. N. Yu, P. Joshi, and M. Y. Lee, "High-Throughput Assessment of Metabolism-Induced Toxicity of Compounds on a 384-Pillar Plate," *Target. Enzym. Pharm.* ..., 2020, doi: 10.1007/978-1-0716-0163-1_13.
- [124] R. Ramadan, E. Vromans, D. C. Anang, and ..., "Connexin43 hemichannel targeting with TAT-Gap19 alleviates radiation-induced endothelial cell damage," *Frontiers in* frontiersin.org, 2020, doi: 10.3389/fphar.2020.00212.
- [125] E. Noriega-Iribé, L. Díaz-Rubio, A. Estolano-Cobián, and ..., "In vitro and in silico screening of 2, 4, 5-trisubstituted imidazole derivatives as potential xanthine oxidase and acetylcholinesterase inhibitors, antioxidant, and ..." *Appl. Sci.*, 2020.
- [126] J. Gamara, "Caractérisation du rôle de la petite GTPase Arf6 dans les fonctions du neutrophile: modèle murin cKO Arf6." corpus.ulaval.ca, 2020.
- [127] S. M. Meier-Menches, B. Neuditschko, and ..., "An Organometallic Gold (I) Bis-N-Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells," ... *A Eur. J.*, 2020, doi: 10.1002/chem.202003495.
- [128] N. Moris, K. Anlas, J. Schroeder, S. Ghimire, T. Balayo, and ..., "Generating human gastruloids from human embryonic stem cells." researchsquare.com, 2020.
- [129] R. Portugal, L. C. Goatley, R. Husmann, and ..., "A porcine macrophage cell line that supports high levels of replication of OURT88/3, an attenuated strain of African swine fever virus," *Emerg. Microbes* ..., 2020, doi: 10.1080/22221751.2020.1772675.
- [130] J. A. Lombardo, *Microfluidic Tissue Processing Platform for Single Cell Analysis and Therapeutic Applications*. search.proquest.com, 2020.
- [131] É. Besserer-Offroy, R. L. Brouillette, J. M. Longpré, and ..., "Assessing Gαq/15-signaling with IP-one: single plate transfection and assay protocol for cell-based high-throughput assay," *Bio* ncbi.nlm.nih.gov, 2020.

- [132] M. J. Crane, Y. Xu, S. F. Monaghan, B. M. Hall, J. E. Albina, and ..., "Pulmonary infection interrupts acute cutaneous wound healing through disruption of chemokine signals," *bioRxiv*, 2020, doi: 10.1101/2020.05.08.084442.abstract.
- [133] I. M. Alonso, *Early pharmacological profiling of ATB0,+ inhibitors*. riull.ull.es, 2020.
- [134] B. N. Smith, M. L. Oelschlager, and ..., "Dietary soy isoflavones reduce pathogen-related mortality in growing pigs under porcine reproductive and respiratory syndrome viral challenge," *J. Anim.* ..., 2020.
- [135] S. T. Diepstraten, C. Chang, L. Tai, J. Gong, P. Lan, and ..., "BCL-W is dispensable for the sustained survival of select Burkitt lymphoma and diffuse large B-cell lymphoma cell lines," *Blood* ..., 2020.
- [136] P. L. Dai, X. S. Du, Y. Hou, L. Li, Y. X. Xia, and ..., "Different Proteins Regulated Apoptosis, Proliferation and Metastasis of Lung Adenocarcinoma After Radiotherapy at Different Time," *Cancer Management* ncbi.nlm.nih.gov, 2020.
- [137] D. A. Parry, L. Tamayo-Orrego, P. Carroll, and ..., "PRIM1 deficiency causes a distinctive primordial dwarfism syndrome," *Genes* ..., 2020.
- [138] M. R. Kozlowski, R. E. Kozlowski, and J. Spear, "Evidence of RPE Cell Senescence in AMD from Comparison of Telomere Lengths in Central and Peripheral Retina. *J Ophthal Opto* 2: 005." henrypublishinggroups.com, 2020.
- [139] B. J. Gheller, J. E. Blum, E. H. H. Fong, O. V. Malysheva, and ..., "A defined N6-methyladenosine (m6A) profile conferred by METTL3 regulates muscle stem cell/myoblast state transitions," *Cell death* nature.com, 2020.
- [140] L. I. Hudish, A. Bubak, T. M. Triolo, C. S. Niemeyer, and ..., "Modeling hypoxia-induced neuropathies using a fast and scalable human motor neuron differentiation system," *Stem cell reports*. Elsevier, 2020.
- [141] N. M. Landry, *SKI activates Hippo signalling to modulate cardiac fibroblast function and activation*. mspace.lib.umanitoba.ca, 2020.
- [142] M. V Liberti, A. E. Allen, V. Ramesh, Z. Dai, and ..., "Evolved resistance to partial GAPDH inhibition results in loss of the Warburg effect and in a different state of glycolysis," *Journal of Biological* ASBMB, 2020.
- [143] M. Kodama, K. Oshikawa, H. Shimizu, S. Yoshioka, and ..., "A shift in glutamine nitrogen metabolism contributes to the malignant progression of cancer," *Nature* nature.com, 2020.
- [144] N. Bouhamdani, D. Comeau, A. Coholan, and ..., "Targeting lysosome function causes selective cytotoxicity in VHL-inactivated renal cell carcinomas," ..., 2020.
- [145] K. Nakatani, Y. Izumi, K. Hata, and T. Bamba, "An analytical system for single-cell metabolomics of typical mammalian cells based on highly sensitive nano-liquid chromatography tandem mass spectrometry," *Mass Spectrom.*, 2020.
- [146] A. S. Laramée, H. Raczkowski, P. Shao, C. Batista, and ..., "Opposing roles for the related ETS-family transcription factors Spi-B and Spi-C in regulating B cell differentiation and function," *Frontiers in* frontiersin.org, 2020, doi: 10.3389/fimmu.2020.00841.
- [147] J. Pothlichet, T. Rose, F. Bugault, and ..., "PLA2G1B is involved in CD4 anergy and CD4 lymphopenia in HIV-infected patients," *The Journal of* Am Soc Clin Investig, 2020.
- [148] J. Zhao, L. Zhang, A. Lu, Y. Han, D. Colangelo, and ..., "ATM is a key driver of NF-κB-dependent DNA-damage-induced senescence, stem cell dysfunction and aging," *Aging (Albany)* ncbi.nlm.nih.gov, 2020.
- [149] Á. P. Reyes, *Developmental Insights and Biomedical Potential of Human Embryonic Stem Cells: Modelling Trophoblast Differentiation and Establishing Novel Cell Therapies for* search.proquest.com, 2020.
- [150] M. Johansson, B. Ulfenborg, C. X. Andersson, and ..., "Cardiac hypertrophy in a dish: a human stem cell based model," *Biol.* ..., 2020.
- [151] A. Didio, "Design and application of circular RNAs for protein sponging and modulation of alternative splicing." Justus-Liebig-Universität Gießen, 2020.
- [152] A. J. Cole, M. Iyengar, S. Panesso-Gómez, P. O'Hayer, and ..., "NFATC4 promotes quiescence and chemotherapy resistance in ovarian cancer," *JCI insight*. ncbi.nlm.nih.gov, 2020.
- [153] M. Alizadeh, B. Shojadoost, J. Astill, and ..., "Effects of in ovo inoculation of multi-Strain Lactobacilli on cytokine gene expression and antibody-mediated Immune responses in chickens," *Frontiers in Veterinary* frontiersin.org, 2020, doi: 10.3389/fvets.2020.00105.
- [154] B. N. Smith, *Soy isoflavones and swine health*. ideals.illinois.edu, 2020.
- [155] D. Limonta, J. Jovel, A. Kumar, J. Lu, S. Hou, and ..., "Fibroblast growth factor 2 enhances Zika virus infection in human fetal brain," *J.* ..., 2019.
- [156] R. Canovas, S. P. Sánchez, M. Parrilla, and ..., "Cytotoxicity study of ionophore-based membranes: Toward on-body and in vivo ion sensing," *ACS* ..., 2019, doi: 10.1021/acssensors.9b01322.
- [157] L. Sánchez-Tafolla, J. M. Padrón, G. Mendoza, and ..., "Antiproliferative activity of biomass extract from *Pseudomonas cedrina*," *Electronic Journal of* Elsevier, 2019.
- [158] P. Sætrom and A. Flatberg, *Modelling Cell Cycle Phase Distribution in Cell Cultures*. ntnuopen.ntnu.no, 2019.
- [159] G. T. Y. Kwok, *The microRNA modulation of chemosensitivity in adrenocortical carcinoma*. ses.library.usyd.edu.au, 2019.
- [160] V. Oliveira, N. Mahajan, M. L. Bates, C. Tripathi, and ..., "The snoRNA target of t (4; 14) in multiple myeloma regulates ribosome biogenesis," *FASEB* ..., 2019, doi: 10.1096/fba.2018-00075.

- [161] A. M. Boucher-Lafleur, *Étude des profils de méthylation et d'expression des lymphocytes T CD4+ dans l'asthme.* corpus.ulaval.ca, 2019.
- [162] A. Faralli, E. Shekarforoush, F. Ajalloueian, and ..., "In vitro permeability enhancement of curcumin across Caco-2 cells monolayers using electrospun xanthan-chitosan nanofibers," *Carbohydr.* ..., 2019.
- [163] A. Gleich, B. Kaiser, W. Honscha, H. Fuhrmann, and ..., "Evaluation of the hepatocyte-derived cell line BFH12 as an in vitro model for bovine biotransformation," *Cytotechnology*, 2019, doi: 10.1007/s10616-018-0279-4.
- [164] B. J. Gheller, J. Blum, S. Soueid-Baumgarten, and ..., "Isolation, culture, characterization, and differentiation of human muscle progenitor cells from the skeletal muscle biopsy procedure," *JoVE (Journal of ...)* jove.com, 2019.
- [165] C. Ducker, L. K. Y. Chow, J. Saxton, and ..., "De-ubiquitination of ELK-1 by USP17 potentiates mitogenic gene expression and cell proliferation," *Nucleic acids* ..., 2019.
- [166] T. Kaul, M. E. Morales, E. Smither, M. Baddoo, and ..., "RNA next-generation sequencing and a bioinformatics pipeline to identify expressed LINE-1s at the locus-specific level," *JoVE (Journal of ...)* jove.com, 2019.
- [167] K. Vriens, S. Christen, S. Parik, D. Broekaert, and ..., "Evidence for an alternative fatty acid desaturation pathway increasing cancer plasticity," *Nature*, 2019.
- [168] T. Lin, S. J. Moorlag, J. Liu, M. Y. H. Ahmed, and ..., "Different bactericidal and inflammatory activities of human and mouse blood," *Shock*, 2019.
- [169] Y. L. Wong, I. Lautenschläger, K. Zitta, L. Hummitzsch, and ..., "Effects of hydroxyethyl starch (HES 130/0.42) on endothelial and epithelial permeability in vitro," *Toxicol. Vitr.*, 2019.
- [170] W. W. Wicha, D. B. Strickmann, and ..., "Pharmacokinetics/pharmacodynamics of lefamulin in a neutropenic murine pneumonia model with *Staphylococcus aureus* and *Streptococcus pneumoniae*," *J. Antimicrob.* ..., 2019.
- [171] C. K. Postnikoff, A. D. Pucker, J. Laurent, and ..., "Identification of leukocytes associated with midday fogging in the post-lens tear film of scleral contact lens wearers," *... & Visual Science*. iovs.arvojournals.org, 2019.
- [172] H. Rundqvist, P. Veliça, L. Barbieri, and ..., "Lactate potentiates differentiation and expansion of cytotoxic T cells," *Available SSRN* ..., 2019, doi: 10.1101/571745.full.
- [173] C. A. Tee, Z. Yang, L. Yin, Y. Wu, J. Han, and E. H. Lee, "Improved zonal chondrocyte production protocol integrating size-based inertial spiral microchannel separation and dynamic microcarrier culture for clinical application," *Biomaterials*, 2019.
- [174] A. Knörck, *Funktionale Charakterisierung der Effektor-Mechanismen humaner CD8+ T-Zell Memory-Subtypen.* publikationen.sulb.uni-saarland.de, 2019.
- [175] C. K. Postnikoff, *The Closed Eye as a Model for Dry Eye Disease.* search.proquest.com, 2019.
- [176] E. G. Porter, *ELUCIDATING THE ROLE OF POLYBROMO-1 IN TARGETING THE PBAF COMPLEX UNDER STRESS.* hammer.purdue.edu, 2019.
- [177] X. Zhang, "Gö-VIP-21: Dr. Christine S. Gibhardt und Xin Zhang," *The EMBO Journal*. umg.eu, 2019.
- [178] W. Solarek, M. Koper, S. Lewicki, C. Szczylak, and ..., "Insulin and insulin-like growth factors act as renal cell cancer intratumoral regulators," *Journal of cell* Springer, 2019, doi: 10.1007/s12079-019-00512-y.
- [179] N. M. Landry, S. G. Rattan, and I. Dixon, "An improved method of maintaining primary murine cardiac fibroblasts in two-dimensional cell culture," *Scientific reports*. nature.com, 2019.
- [180] G. Sakaeva, "Life cycle of actin, focal adhesions and force measurements." publications.rwth-aachen.de, 2019.
- [181] K. Baumgartner and M. Eiken, *Effects of glycation on blood protein interactions with nanomaterials: a biophysical and cytotoxicity study.* scholarcommons.scu.edu, 2019.
- [182] L. J. Green, H. Zhou, V. Padmanabhan, and ..., "Adipose-derived stem cells promote survival, growth, and maturation of early-stage murine follicles," *Stem Cell Research & ...* Springer, 2019, doi: 10.1186/s13287-019-1199-8.
- [183] A. Faralli, E. Shekarforoush, A. C. Mendes, and I. S. Chronakis, "Enhanced transepithelial permeation of gallic acid and (-)-epigallocatechin gallate across human intestinal caco-2 cells using electrospun xanthan nanofibers," *Pharmaceutics*, 2019.
- [184] M. Herb, A. Farid, A. Gluschnko, M. Krönke, and ..., "Highly efficient transfection of primary macrophages with in vitro transcribed mRNA," *JoVE (Journal of ...)* jove.com, 2019.
- [185] J. Cichos, E. Wysokińska, W. Kałas, and M. Karbowiak, "Dithiocarbamates: Reliable Surface Ligands for NIR-Emitting Quantum Dots," *Langmuir*, 2019, doi: 10.1021/acs.langmuir.8b04221.
- [186] S. H. Moon, C. H. Huang, S. L. Houlihan, K. Regunath, and ..., "p53 represses the mevalonate pathway to mediate tumor suppression," *Cell*. Elsevier, 2019.
- [187] B. N. Smith, A. Morris, M. L. Oelschlager, and ..., "Effects of dietary soy isoflavones and soy protein source on response of weanling pigs to porcine reproductive and respiratory syndrome viral infection," *J. Anim.* ..., 2019.
- [188] M. R. F. Arrulo, *Antibacterial, antiparasitic and anticancer properties of host-defence peptides from argentinian amphibians.* run.unl.pt, 2019.
- [189] M. Skliar and V. S. Chernyshev, "Imaging of extracellular vesicles by atomic force microscopy," *JoVE (Journal of Visualized Experiments)*. jove.com, 2019.

- [190] C. Keogh, G. Pini, I. Gemo, and D. Tropea, "Statistical modelling of cortical Connectivity using non-Invasive electroencephalograms," *JoVE (Journal of Visualized ...)* jove.com, 2019.
- [191] A. Puerta, A. R. Galán, R. Abdilla, K. Demanuele, and ..., *Naphthal-derived Betti bases as potential SLC6A14 blockers*. um.edu.mt, 2019.
- [192] J. B. Foster, N. Choudhari, J. Perazzelli, J. Storm, and ..., "Purification of mRNA encoding chimeric antigen receptor is critical for generation of a robust T-cell response," *Hum. gene ...*, 2019, doi: 10.1089/hum.2018.145.
- [193] P. A. Waziry, *An Integrated Genomics and Cell Biology Approach to Correlate Novel GWI Indicators of Infections and Neuroinflammatory Mechanisms with Targeted Drug Therapy*. apps.dtic.mil, 2019.
- [194] J. P. Buerck, D. K. Burke, D. W. Schmidtko, T. A. Snyder, and ..., "A flow induced autoimmune response and accelerated senescence of red blood cells in cardiovascular devices," *Scientific Reports*. nature.com, 2019.
- [195] V. Buranasudja, C. M. Doskey, A. R. Gibson, and ..., "Pharmacologic ascorbate primes pancreatic cancer cells for death by rewiring cellular energetics and inducing DNA damage," *Mol. Cancer ...*, 2019.
- [196] P. Joshi, S. Y. Kang, A. Datar, and ..., "High-Throughput Assessment of Mechanistic Toxicity of Chemicals in Miniaturized 3D Cell Culture," *Curr. Protoc. ...*, 2019, doi: 10.1002/cptx.66.
- [197] K. Kristensen, T. B. Engel, A. Stensballe, and ..., "The hard protein corona of stealth liposomes is sparse," *J. Control. ...*, 2019.
- [198] S. H. Kim, H. Ito, M. Kozuka, H. Takagi, M. Hirai, and T. Fujii, "Cancer marker-free enrichment and direct mutation detection in rare cancer cells by combining multi-property isolation and microfluidic concentration," *Lab Chip*, 2019.
- [199] L. Janker, R. L. Mayer, A. Bileck, D. Kreutz, and ..., "Metabolic, anti-apoptotic and immune evasion strategies of primary human myeloma cells indicate adaptations to hypoxia," *Molecular & Cellular ...* ASBMB, 2019.
- [200] B. Salinas, M. Guembe, L. Cussó, M. Kestler, and ..., "Assessment of the anti-biofilm effect of micafungin in an animal model of catheter-related candidemia," *Med. ...*, 2019.
- [201] S. Hutin, B. Van Laer, C. Mueller-Dieckmann, and ..., "Fully autonomous characterization and data collection from crystals of biological macromolecules," *JoVE (Journal of ...)* jove.com, 2019.
- [202] Y. Ding, Y. Guan, X. Huang, J. Ao, and X. Chen, "Characterization and function of a group II type I interferon in the perciform fish, large yellow croaker (*Larimichthys crocea*)," *Fish Shellfish Immunol.*, 2019.
- [203] S. J. Castro, C. N. Casero, J. M. Padrón, and ..., "Selective Antiproliferative Withanolides from Species in the Genera Eriolarynx and Deprea," *J. Nat. ...*, 2019, doi: 10.1021/acs.jnatprod.9b00117.
- [204] D. M. Patel, M. G. Sharma, R. M. Vala, I. Lagunes, A. Puerta, and ..., "Hydroxyl alkyl ammonium ionic liquid assisted green and one-pot regioselective access to functionalized pyrazolodihydropyridine core and their pharmacological ...," *Bioorganic ...*, 2019.
- [205] C. Martinat, "Secretion of neurotoxic vesicles by muscle cells of ALS patients Laura Le Gall." pure.ulster.ac.uk, 2019.
- [206] S. Moore, N. D. Berger, M. S. Luijsterburg, C. G. Piett, and ..., "The CHD6 chromatin remodeler is an oxidative DNA damage response factor," *Nature ...* nature.com, 2019.
- [207] S. Li, S. Bouchy, S. Penninckx, R. Marega, O. Fichera, and ..., "Antibody-functionalized gold nanoparticles as tumor-targeting radiosensitizers for proton therapy," ..., 2019, doi: 10.2217/nnm-2018-0161.
- [208] L. Zhang, Q. Li, R. Yang, Z. Xu, Y. Kang, and P. Xue, "Rapid prototyping of nanoroughened polydimethylsiloxane surfaces for the enhancement of immunomagnetic isolation and recovery of rare tumor cells," *Biomed. Microdevices*, 2019, doi: 10.1007/s10544-019-0418-5.
- [209] Y. Hu, H. W. Bennett, N. Liu, M. Moravec, J. F. Williams, and ..., "RNA–DNA hybrids support recombination-based telomere maintenance in fission yeast," *Genetics*, 2019.
- [210] M. A. M. Hawari, *The plasticity of gastric cancer cell lines*. spiral.imperial.ac.uk, 2019.
- [211] J. Bieri and C. Ros, "Globoside is dispensable for parvovirus B19 entry but essential at a postentry step for productive infection," *J. Virol.*, 2019, doi: 10.1128/jvi.00972-19.
- [212] L. Ludwig, R. Egan, M. Baquero, A. Mansz, and ..., "WC1+ and WC1neg γδ T lymphocytes in intestinal mucosa of healthy and *Mycobacterium avium* subspecies *paratuberculosis*-infected calves," *Vet. Immunol. ...*, 2019.
- [213] L. J. Kricka and P. Wilding, "Evolution of Sperm Testing—A Bright Future?," *Clin. Chem.*, 2019.
- [214] E. B. Dewey, A. S. Parra, and C. A. Johnston, "Use of *Drosophila* S2 cells for live imaging of cell division," *JoVE (Journal of Visualized ...)* jove.com, 2019.
- [215] G. Behnammanesh, Z. E. Durante, K. J. Peyton, and ..., "Canagliflozin inhibits human endothelial cell proliferation and tube formation," *Frontiers in ...* frontiersin.org, 2019, doi: 10.3389/fphar.2019.00362.
- [216] R. Schoenauer, Y. Larpin, E. B. Babiychuk, and ..., "Down-regulation of acid sphingomyelinase and neutral sphingomyelinase-2 inversely determines the cellular resistance to plasmalemmal injury by pore-forming ...," *FASEB ...*, 2019, doi: 10.1096/fj.201800033R.
- [217] L. Le Gall, *Secretion of neurotoxic vesicles by muscle cells of ALS patients*. theses.fr, 2019.
- [218] E. Kolanko, K. Kopaczka, H. Koryciak-Komarska, and ..., "Increased immunomodulatory capacity of human amniotic cells after activation by pro-inflammatory chemokines," *Eur. J. ...*, 2019.

- [219] M. A. Brunet and X. Roucou, "Mass spectrometry-based proteomics analyses using the OpenProt database to unveil novel proteins translated from non-canonical open reading frames," *JoVE (Journal of Visualized Experiments)*. jove.com, 2019.
- [220] K. Friedmann, *Funktionale Analyse von Tötungsmechanismen humaner Melanom-spezifischer CD8+ T-Zellen und natürlicher Killerzellen*. publikationen.sulb.uni-saarland.de, 2019.
- [221] T. Tsukioka, T. Hiratsuka, M. Nakamura, and ..., "An on-site preparable, novel bone-grafting complex consisting of human platelet-rich fibrin and porous particles made of a recombinant collagen-like protein," ... *Res. Part B* ..., 2019, doi: 10.1002/jbm.b.34234.
- [222] A. L. Waterhouse and N. E. Gislason, "From free radical scavengers to nucleophilic tone: a paradigm shift in nutraceutical effects of fruits and vegetables." oxyclubcalifornia.org, 2019.
- [223] R. Ramadan, E. Vromans, D. C. Anang, E. Decrock, and ..., "Single and fractionated ionizing radiation induce alterations in endothelial connexin expression and channel function," *Scientific reports*. nature.com, 2019.
- [224] M. A. El-Brolosy, Z. Kontarakis, A. Rossi, C. Kuenne, and ..., "Genetic compensation triggered by mutant mRNA degradation," *Nature*, 2019.
- [225] S. Chen, F. Wang, Z. Liu, Y. Zhao, Y. Jiang, and ..., "Brain-derived neurotrophic factor promotes proliferation and progesterone synthesis in bovine granulosa cells," *J. Cell* ..., 2019, doi: 10.1002/jcp.27536.
- [226] H. Muthukumar, S. N. Mohammed, and ..., "Effect of iron doped Zinc oxide nanoparticles coating in the anode on current generation in microbial electrochemical cells," *Int. J.* ..., 2019.
- [227] X. Zhang, C. S. Gibhardt, T. Will, H. Stanisz, C. Körbel, and ..., "Redox signals at the ER-mitochondria interface control melanoma progression," *EMBO* ..., 2019, doi: 10.15252/embj.2018100871.
- [228] C. Y. Lin, C. Y. Hsu, A. O. Elzoghby, A. Alalaiwe, T. L. Hwang, and ..., "Oleic acid as the active agent and lipid matrix in cilomilast-loaded nanocarriers to assist PDE4 inhibition of activated neutrophils for mitigating psoriasis-like lesions," *Acta Biomater.*, 2019.
- [229] M. V. Liberti, A. E. Allen, V. Ramesh, Z. Dai, K. R. Singleton, and ..., "Evolved resistance to GAPDH inhibition results in loss of the Warburg Effect but retains a different state of glycolysis," *bioRxiv*, 2019, doi: 10.1101/602557.abstract.
- [230] K. P. Pessoa, *Evolução in vitro do vírus Zika*. arca.fiocruz.br, 2019.
- [231] M. Shvartsman, P. V Pavlovich, M. Oatley, K. Ganter, and ..., "Single-cell atlas of major hematopoietic tissues sheds light on blood cell formation from embryonic endothelium," *bioRxiv*, 2019, doi: 10.1101/774547.abstract.
- [232] J. E. Slovak, J. K. Hwang, S. M. Rivera, and ..., "Pharmacokinetics of mycophenolic acid and its effect on CD4+ and CD8+ T cells after oral administration of mycophenolate mofetil to healthy cats," *J. Vet* ..., 2019, doi: 10.1111/jvim.15585.
- [233] I. Khan and P. S. Steeg, "The relationship of NM23 (NME) metastasis suppressor histidine phosphorylation to its nucleoside diphosphate kinase, histidine protein kinase and motility ...," *Oncotarget*. ncbi.nlm.nih.gov, 2018.
- [234] K. Bohn-Wippert, E. N. Tevonian, Y. Lu, M. Y. Huang, and ..., "Cell size-based decision-making of a viral gene circuit," *Cell reports*. Elsevier, 2018.
- [235] A. I. S. Treimo, *Nanoparticles used in dental materials affect cell viability of PC12 cells*. duo.uio.no, 2018.
- [236] P. Colombi, D. E. King, J. F. Williams, C. P. Lusk, and M. C. King, "LEM domain proteins control the efficiency of adaptation through copy number variation," *bioRxiv*, 2018, doi: 10.1101/451583.abstract.
- [237] X. Liu, D. E. Cooper, A. A. Cluntun, M. O. Warmoes, S. Zhao, and ..., "Acetate production from glucose and coupling to mitochondrial metabolism in mammals," *Cell*. Elsevier, 2018.
- [238] M. J. Crane, Y. Xu, W. L. H. Jr, S. P. Gillis, and ..., "Pulmonary influenza A virus infection leads to suppression of the innate immune response to dermal injury," *PLoS* ... journals.plos.org, 2018.
- [239] S. Schiwitzka, H. Arndt, and F. Nitsche, "Four new choanoflagellate species from extreme saline environments: Indication for isolation-driven speciation exemplified by highly adapted Craspedida from salt ...," *Eur. J. Protistol.*, 2018.
- [240] M. Musielak, "Ocena wpływu dawki i mocy promieniowania jonizującego na komórki raka piersi. The assessment of the effect of ionizing radiation dose and dose rate for breast ...," *Lett. Oncol. Sci.*, 2018.
- [241] M. Shahsavani, R. J. Pronk, R. Falk, M. Lam, and ..., "An in vitro model of lissencephaly: expanding the role of DCX during neurogenesis," *Mol* ..., 2018.
- [242] K. Filomeno, *Scleraxis and Transcription Factor 15 expression in the failing myocardium*. mspace.lib.umanitoba.ca, 2018.
- [243] F. Li, X. Chang, L. Xu, and F. Yang, "Different roles of crayfish hemocytes in the uptake of foreign particles," *Fish Shellfish Immunol.*, 2018.
- [244] K. N. Yu, S. Y. Kang, S. Hong, and M. Y. Lee, "High-throughput metabolism-induced toxicity assays demonstrated on a 384-pillar plate," *Arch. Toxicol.*, 2018, doi: 10.1007/s00204-018-2249-1.
- [245] J. Hu *et al.*, "Al2O3 nanoparticle impact on the toxic effect of Pb on the marine microalga Isochrysis galbana," *Ecotoxicol* ..., 2018.
- [246] R. J. Morrison, H. B. Nasser, K. N. Kashlan, and ..., "Co-culture of adipose-derived stem cells and chondrocytes on three-dimensionally printed bioscaffolds for craniofacial cartilage engineering," ..., 2018, doi: 10.1002/lary.27200.

- [247] G. Russo, F. Lehne, S. M. P. Méndez, S. Dübel, and ..., "Culture and transfection of zebrafish primary cells," *JoVE (Journal of)* jove.com, 2018.
- [248] I. Lagunes, E. Martin-Batista, G. Silveira-Dorta, and ..., "Differential mechanism of action of the CK1 ϵ inhibitor GSD0054," *J Mol Clin Med* article.imrpress.com, 2018, doi: 10.31083/j.jmcm.2018.02.004/2617-5282-1-2-77.
- [249] X. Qiu, J. A. Lombardo, T. M. Westerhof, M. Pennell, A. Ng, and ..., "Microfluidic filter device with nylon mesh membranes efficiently dissociates cell aggregates and digested tissue into single cells," *Lab Chip*, 2018.
- [250] S. Y. Kang, *High-throughput Metabolism-induced Toxicity Assays on a 384-pillar Plate*. engagedscholarship.csuohio.edu, 2018.
- [251] T. N. Figueira, M. T. Augusto, K. Rybkina, and ..., "Effective in Vivo Targeting of Influenza Virus through a Cell-Penetrating/Fusion Inhibitor Tandem Peptide Anchored to the Plasma Membrane," *Bioconjugate*, 2018, doi: 10.1021/acs.bioconjchem.8b00527.
- [252] K. Farrell, G. Mahajan, P. Srinivasan, M. Y. Lee, and ..., "Pediatric glioblastoma cells inhibit neurogenesis and promote astrogenesis, phenotypic transformation and migration of human neural progenitor cells within ...," *Exp. cell*, 2018.
- [253] K. M. Lee, J. Morris-Love, D. J. Cabral, P. Belenky, and ..., "Coinfection with influenza A virus and Klebsiella oxytoca: an underrecognized impact on host resistance and tolerance to pulmonary infections," *Frontiers in* frontiersin.org, 2018, doi: 10.3389/fimmu.2018.02377.
- [254] L. Yin *et al.*, "Characterization and application of size-sorted zonal chondrocytes for articular cartilage regeneration," *Biomaterials*, 2018.
- [255] X. Gao *et al.*, "Serine availability influences mitochondrial dynamics and function through lipid metabolism," *Cell reports*. Elsevier, 2018.
- [256] A. S. Laramee, *Counteracting Roles for the Related E26 Transformation Specific Transcription Factors Spi-B and Spi-C in Regulating Antibody-Forming Responses*. ir.lib.uwo.ca, 2018.
- [257] M. M. White, J. D. Waller, L. C. Lubelczyk, D. T. Drapeau, and ..., "Coccolith dissolution within copepod guts affects fecal pellet density and sinking rate," *Scientific* nature.com, 2018.
- [258] B. A. Leland, A. C. Chen, A. Y. Zhao, R. C. Wharton, and M. C. King, "Rev7 and 53BP1/Crb2 prevent RecQ helicase-dependent hyper-resection of DNA double-strand breaks," *Elife*, 2018.
- [259] V. Buranasudja, *DNA Damage and Disruption of Cellular Bioenergetics Contribute to the Anti-Cancer Effects of Pharmacological Ascorbate*. search.proquest.com, 2018.
- [260] D. Limonta *et al.*, "Human fetal astrocytes infected with Zika virus exhibit delayed apoptosis and resistance to interferon: implications for persistence," *Viruses*, 2018.
- [261] J. E. Slovak, S. M. Rivera-Velez, J. K. Hwang, and ..., "Pharmacokinetics and pharmacodynamics of mycophenolic acid in healthy cats after twice-daily intravenous infusion of mycophenolate mofetil for three days," *Am. J.*, 2018.
- [262] L. Zhang, Z. Xu, Y. Kang, and P. Xue, "Three-dimensional microfluidic chip with twin-layer herringbone structure for high efficient tumor cell capture and release via antibody-conjugated magnetic ...," *Electrophoresis*, 2018, doi: 10.1002/elps.201800043.
- [263] K. M. Au, A. Tripathy, C. P. I. Lin, K. Wagner, S. Hong, and ..., "Bespoke pretargeted nanoradioimmunotherapy for the treatment of non-Hodgkin lymphoma," *ACS*, 2018, doi: 10.1021/acsnano.7b08122.
- [264] P. Raittinen, *Microfabricated single-cell capture technology*. aaltodoc.aalto.fi, 2018.
- [265] L. Strzadala, A. Fiedorowicz, E. Wysokinska, E. Ziolo, and ..., "An anti-inflammatory Azaphenothiazine inhibits interferon β expression and CXCL10 production in KERTr cells," *Molecules*, 2018.
- [266] Z. C. Lin, P. W. Hsieh, T. L. Hwang, C. Y. Chen, and ..., "Topical application of anthranilate derivatives ameliorates psoriatic inflammation in a mouse model by inhibiting keratinocyte-derived chemokine expression and ...," *FASEB*, 2018, doi: 10.1096/fj.201800354.
- [267] K. M. Hennessey, I. C. Rogiers, H. W. Shih, and ..., "Screening of the Pathogen Box for inhibitors with dual efficacy against Giardia lamblia and Cryptosporidium parvum," *PLoS neglected* journals.plos.org, 2018.
- [268] J. Astill, T. Alkie, A. Yitbarek, K. Taha-Abdelaziz, and ..., "Examination of the effects of virus inactivation methods on the induction of antibody-and cell-mediated immune responses against whole inactivated H9N2 avian ...," *Vaccine*, 2018.
- [269] X. Liu, D. E. Cooper, A. A. Cluntun, and ..., "De novo acetate production is coupled to central carbon metabolism in mammals," *Available SSRN*, 2018, doi: 10.1101/259523.full.
- [270] R. L. Mayer, J. D. Schwarzmeier, M. C. Gerner, and ..., "Proteomics and metabolomics identify molecular mechanisms of aging potentially predisposing for chronic lymphocytic leukemia," *Molecular & Cellular* ASBMB, 2018.
- [271] I. Bergiers, T. Andrews, Ö. V Bölkübaşı, A. Buness, and ..., "Single-cell transcriptomics reveals a new dynamical function of transcription factors during embryonic hematopoiesis," *Elife*, 2018.
- [272] D. Duboule, A. M. Arias, M. Girgin, D. A. Turner, and ..., "Generating Gastruloids from Mouse Embryonic Stem Cells." researchsquare.com, 2018.
- [273] M. A. Reid *et al.*, "Serine synthesis through PHGDH coordinates nucleotide levels by maintaining central carbon metabolism," *Nature* nature.com, 2018.

- [274] J. Hu *et al.*, "Effect of TiO₂ nanoparticle aggregation on marine microalgae Isochrysis galbana," *J. Environ.* ..., 2018.
- [275] B. Birk, A. Staehle, M. Meier, M. Palm, and ..., "Investigation of ruminant xenobiotic metabolism in a modified rumen simulation system (RUSITEC)," *ALTEX-Alternatives to ...*, 2018.
- [276] D. Erudaitius, J. Mantooth, A. Huang, J. Soliman, and ..., "Calculated cell-specific intracellular hydrogen peroxide concentration: Relevance in cancer cell susceptibility during ascorbate therapy," *Free Radic. Biol.* ..., 2018.
- [277] M. V Liberti, *Strategies for Selective Targeting of the Warburg Effect in Cancer*. search.proquest.com, 2018.
- [278] L. E. Anthes, *Characterizing metformin response and sensitivity biomarkers in breast cancer*. dalspace.library.dal.ca, 2018.
- [279] C. Newell, R. Sabouny, D. Hittel, T. E. Shutt, and ..., "Mesenchymal stem cells shift mitochondrial dynamics and enhance oxidative phosphorylation in recipient cells," *Frontiers in ...* frontiersin.org, 2018, doi: 10.3389/fphys.2018.01572.
- [280] L. Cai *et al.*, "Effect of partial substitutes of NaCl on the cold-set gelation of grass carp myofibrillar protein mediated by microbial transglutaminase," *Food Bioprocess* ..., 2018, doi: 10.1007/s11947-018-2149-7.
- [281] A. Laustsen, R. O. Bak, C. Krapp, L. Kjær, and ..., "Interferon priming is essential for human CD34+ cell-derived plasmacytoid dendritic cell maturation and function," *Nature* nature.com, 2018.
- [282] K. Maliszewska-Olejniczak, K. K. Brodaczevska, and ..., "Three-dimensional cell culture model utilization in renal carcinoma cancer stem cell research," *Epithel. Cell* ..., 2018, doi: 10.1007/978-1-4939-8600-2_6.
- [283] A. D. Roth, *Modeling Liver Diseases Using Hepatic Cell Microarrays*. rave.ohiolink.edu, 2018.
- [284] S. A. Engen, O. Schreurs, F. Petersen, and ..., "The Regulatory Role of the Oral Commensal Streptococcus mitis on Human Monocytes," *Scand.* ..., 2018, doi: 10.1111/sji.12636.
- [285] C. K. Postnikoff, C. Huisingsh, G. McGwin, and ..., "Leukocyte distribution in the open eye tears of normal and dry eye subjects," *Curr. eye* ..., 2018, doi: 10.1080/02713683.2018.1500611.
- [286] M. P. Koduri, V. S. Goudar, Y. W. Shao, and ..., "Fluorescence-based nano-oxygen particles for spatiometric monitoring of cell physiological conditions," ... *Appl. Mater.* ..., 2018, doi: 10.1021/acsami.8b10715.
- [287] K. J. Gagnon, N. Lefort, S. J. Poirier, D. A. Barnett, and ..., "5-lipoxygenase-dependent biosynthesis of novel 20: 4 n-3 metabolites with anti-inflammatory activity," ... *Essent. Fat.* ..., 2018.
- [288] S. Zhou, Y. Mu, J. Ao, and X. Chen, "Molecular characterization and functional activity of CXCL8_L3 in large yellow croaker Larimichthys crocea," *Fish Shellfish Immunol.*, 2018.
- [289] X. Qiu, J. H. Huang, T. M. Westerhof, J. A. Lombardo, and ..., "Microfluidic channel optimization to improve hydrodynamic dissociation of cell aggregates and tissue," *Scientific reports*. nature.com, 2018.
- [290] K. Hohlbaum, B. Bert, S. Dietze, R. Palme, H. Fink, and ..., "Systematic assessment of well-being in mice for procedures using general anesthesia," *JoVE (Journal of ...)* jove.com, 2018.
- [291] Y. Hu, H. W. Bennett, N. Liu, M. Moravec, J. F. Williams, and ..., "Loss of Rap1 supports recombination-based telomere maintenance independent of RNA-DNA hybrids in fission yeast," *bioRxiv*. scholar.archive.org, 2018.
- [292] C. P. Long, *Interrogating Central Carbon Metabolism in Escherichia coli via the Mapping of Flux Responses to Gene Knockouts and Adaptive Evolution*. search.proquest.com, 2018.
- [293] A. D. Roth, P. Lama, S. Dunn, S. Hong, and M. Y. Lee, "Polymer coating on a micropillar chip for robust attachment of PuraMatrix peptide hydrogel for 3D hepatic cell culture," *Mater. Sci.* ..., 2018.
- [294] H. Samdal, M. A. Sandmoe, L. C. Olsen, and ..., "Basal level of autophagy and MAP 1 LC 3B-II as potential biomarkers for DHA-induced cytotoxicity in colorectal cancer cells," *FEBS* ..., 2018, doi: 10.1111/febs.14488.
- [295] A. Blutke and R. Wanke, "Sampling strategies and processing of biobank tissue samples from porcine biomedical models," *JoVE (Journal of Visualized Experiments)*. jove.com, 2018.
- [296] L. Yin *et al.*, "Microfluidic label-free selection of mesenchymal stem cell subpopulation during culture expansion extends the chondrogenic potential in vitro," *Lab on a Chip*. pubs.rsc.org, 2018.
- [297] J. Astill, *Enhancing the Immunogenicity of Whole Inactivated H9N2 Influenza Virus Vaccines in Chickens*. atrium.lib.uoguelph.ca, 2018.
- [298] S. C. Yang, P. J. Chen, S. H. Chang, Y. T. Weng, and ..., "Luteolin attenuates neutrophilic oxidative stress and inflammatory arthritis by inhibiting Raf1 activity," *Biochem.* ..., 2018.
- [299] J. Lohakare, J. S. Osorio, and M. Bionaz, "Peroxisome proliferator-activated receptor β/δ does not regulate glucose uptake and lactose synthesis in bovine mammary epithelial cells cultivated in vitro," *J. Dairy Res.*, 2018.
- [300] M. M. White, D. T. Drapeau, L. C. Lubelczyk, and ..., "Calcification of an estuarine coccolithophore increases with ocean acidification when subjected to diurnally fluctuating carbonate chemistry," *Mar. Ecol.* ..., 2018.
- [301] A. V Shnyreva, A. A. Shnyreva, C. Espinoza, and ..., "Antiproliferative activity and cytotoxicity of some medicinal wood-destroying mushrooms from Russia," ... *J. Med.* ..., 2018.
- [302] S. Woodford, C. Workman, and ..., "You can count on me: comparing the accuracy and effectiveness of using the Orflo Moxi Z Automated Cell Counter, an upright light microscope with hemocytometers ...," *J.* ..., 2018.

- [303] M. G. Mauk, C. Ruiz, R. Y. Chiou, and ..., "Student Learning Projects in Sustainable Energy: Solar-Powered Algae Culture, Photovoltaics, and CO₂ Capture," *ASME* ..., 2018.
- [304] M. T. Augusto, A. Hollmann, M. Porotto, A. Moscona, and ..., "Antiviral lipopeptide-cell membrane interaction is influenced by PEG linker length," *Molecules*, 2017.
- [305] E. Kim, S. Na, B. An, S. R. Yang, W. J. Kim, and ..., "Paracrine influence of human perivascular cells on the proliferation of adenocarcinoma alveolar epithelial cells," *The Korean Journal* synapse.koreamed.org, 2017.
- [306] D. Matak, K. K. Brodaczewska, M. Lipiec, Ł. Szymanski, and ..., "Colony, hanging drop, and methylcellulose three dimensional hypoxic growth optimization of renal cell carcinoma cell lines," *Cytotechnology*. Springer, 2017, doi: 10.1007/s10616-016-0063-2.
- [307] D. Matak, K. K. Brodaczewska, C. Szczylak, and ..., "Functional significance of CD105-positive cells in papillary renal cell carcinoma," *BMC* bmccancer.biomedcentral.com, 2017, doi: 10.1186/s12885-016-2985-7.
- [308] M. J. McGeachie, J. S. Davis, A. T. Kho, A. Dahlin, and ..., "Asthma remission: Predicting future airways responsiveness using an miRNA network," *J. Allergy* ..., 2017.
- [309] S. Kircher, *Charakterisierung humaner CD4+ T-Zell Subtypen: Characterization of human CD4+ T cell subtypes*. publikationen.sulb.uni-saarland.de, 2017.
- [310] E. Mustafa, "Combined effects of 872 MHz radiofrequency radiation and known genotoxic agents on DNA damage in rat primary astrocytes." erepo.uef.fi, 2017.
- [311] B. Gomes, N. C. Santos, and M. Porotto, "Biophysical properties and antiviral activities of measles fusion protein derived peptide conjugated with 25-hydroxycholesterol," *Molecules*, 2017.
- [312] Y. Ding, J. Ao, and X. Chen, "Comparative study of interleukin-17C (IL-17C) and IL-17D in large yellow croaker Larimichthys crocea reveals their similar but differential functional activity," *Dev. Comp. Immunol.*, 2017.
- [313] X. Wang, K. Fujimaki, G. C. Mitchell, J. S. Kwon, and ..., "Exit from quiescence displays a memory of cell growth and division," *Nature* nature.com, 2017.
- [314] K. M. Hennessey, *Exploring Kinase Function and Drug Targets in Giardia lamblia*. digital.lib.washington.edu, 2017.
- [315] B. Kaiser, M. Böttner, T. Wedel, R. M. Brunner, and ..., "Establishment and characterization of an SV40 Large T antigen-transduced porcine colonic epithelial cell line," *Cells Tissues* ..., 2017.
- [316] J. S. Shah, *Non-coding RNAs in ovarian cancer*. ses.library.usyd.edu.au, 2017.
- [317] J. S. Davis, *Circulating MicroRNAs and Both Association with Methacholine PC20 and Prediction of Asthma Exacerbation in the Childhood Asthma Management Program (CAMP)* search.proquest.com, 2017.
- [318] P. Ziae, *Silica Nanostructure Platform for Affinity Capture of Tumor-derived Exosomes and Other Biomedical Applications of Nanomaterials*. search.proquest.com, 2017.
- [319] L. Wagter-Lesperance, *Differences in TLR2 pattern recognition receptor expression on blood mononuclear cells with and without ligand stimulation among dairy cattle classified by estimated* atrium.lib.uoguelph.ca, 2017.
- [320] K. Bohn-Wippert, E. N. Tevonian, M. R. Megaridis, and ..., "Similarity in viral and host promoters couples viral reactivation with host cell migration," *Nature* nature.com, 2017.
- [321] L. Eid and M. Parent, "Preparation of non-human primate brain tissue for pre-embedding immunohistochemistry and electron microscopy," *JoVE (Journal of Visualized Experiments)*. jove.com, 2017.
- [322] Z. C. Gersey, G. A. Rodriguez, E. Barbarite, and ..., "Curcumin decreases malignant characteristics of glioblastoma stem cells via induction of reactive oxygen species," *BMC* bmccancer.biomedcentral.com, 2017, doi: 10.1186/s12885-017-3058-2.
- [323] R. Schoppmeyer, R. Zhao, H. Cheng, and ..., "Human profilin 1 is a negative regulator of CTL mediated cell-killing and migration," *Eur. J.* ..., 2017, doi: 10.1002/eji.201747124.
- [324] L. J. M. Zambrano, *Caracterización de levaduras causantes de fungemia: identificación y sensibilidad antifúngica, epidemiología molecular y factores de patogenicidad*. eprints.ucm.es, 2017.
- [325] D. E. Lefebvre, N. Ross, A. L. Kocmarek, S. Cowell, and ..., "In vitro immunomodulation of splenocytes from DO11.10 mice by the food colouring agent amaranth," *Food and Chemical* Elsevier, 2017.
- [326] M. M. Baquero, *Modulation of effector functions of bovine mononuclear phagocytes by γδ T lymphocytes during in vitro Mycobacterium avium subspecies paratuberculosis infection*. atrium.lib.uoguelph.ca, 2017.
- [327] C. K. Postnikoff and K. K. Nichols, "Neutrophil and T-cell homeostasis in the closed eye," *Investigative ophthalmology &* iovs.arvojournals.org, 2017.
- [328] J. Yue, F. Lai, F. Beckedorff, A. Zhang, and ..., "Integrator orchestrates RAS/ERK1/2 signaling transcriptional programs," *Genes* ..., 2017.
- [329] C. K. Postnikoff, C. E. Huisingsh, G. McGwin, and ..., "Variation of the leukocyte composition in the open eye of normal and dry eye subjects," ... *Vis. Sci.*, 2017.
- [330] D. T. Erudaitius, *Interpreting Intracellular Hydrogen Peroxide in Cancer Cells to Understand Cancer Susceptibility to Pharmacological Ascorbate Therapy*. search.proquest.com, 2017.
- [331] X. Qiu, *Microfluidic Devices for Digestion, Dissociation, and Filtration of Tissues into Single Cell Suspensions*. search.proquest.com, 2017.

- [332] H. Ahn *et al.*, "Methylene blue inhibits NLRP3, NLRC4, AIM2, and non-canonical inflammasome activation," *Scientific reports*. nature.com, 2017.
- [333] P. S. Roshini, R. Gandhimathi, S. T. Ramesh, and ..., "Combined electro-Fenton and biological processes for the treatment of industrial textile effluent: mineralization and toxicity analysis," *J. Hazard.* ..., 2017, doi: 10.1061/(ASCE)HZ.2153-5515.0000370.
- [334] J. Liu, W. Chen, H. Zhang, T. Liu, and ..., "miR-214 targets the PTEN-mediated PI3K/Akt signaling pathway and regulates cell proliferation and apoptosis in ovarian cancer," *Oncology letters*. spandidos-publications.com, 2017.
- [335] H. Y. Hsieh, C. W. Chu, M. H. Chiu, S. Y. Chu, and ..., "Gradient strain chip for stimulating cellular behaviors in cell-laden hydrogel," *JoVE (Journal of)* jove.com, 2017.
- [336] M. M. Baquero and B. L. Plattner, "Bovine WC1+ and WC1neg γδ T Lymphocytes influence monocyte differentiation and monocyte-derived dendritic cell maturation during in vitro ...," *Frontiers in immunology*. frontiersin.org, 2017, doi: 10.3389/fimmu.2017.00534.
- [337] A. J. Manning, Y. Ovechkina, A. McGillivray, L. Flint, and ..., "A high content microscopy assay to determine drug activity against intracellular Mycobacterium tuberculosis," *Methods*. Elsevier, 2017.
- [338] A. Rakic, *Oncolytic Vesicular Stomatitis Virus and Sunitinib Combination Therapy for Treating Neuroblastoma*. prism.ucalgary.ca, 2017.
- [339] B. C. Han *et al.*, "Nonsaponin fractions of Korean Red Ginseng extracts prime activation of NLRP3 inflammasome," *Journal of ginseng* Elsevier, 2017.
- [340] M. M. Baquero and B. L. Plattner, "Bovine peripheral blood WC1+ and WC1neg γδ T lymphocytes modulate monocyte-derived macrophage effector functions during in vitro Mycobacterium avium ...," *Cell. Immunol.*, 2017.
- [341] J. Nikota, A. Banville, L. R. Goodwin, D. Wu, and ..., "Stat-6 signaling pathway and not Interleukin-1 mediates multi-walled carbon nanotube-induced lung fibrosis in mice: insights from an adverse outcome ..." *Particle and fibre* Springer, 2017, doi: 10.1186/s12989-017-0218-0.
- [342] S. Lessard, *Deciphering causal genetic determinants of red blood cell traits*. papyrus.bib.umontreal.ca, 2017.
- [343] P. A. Fitzpatrick, N. Akrap, and ..., "Robotic Mammosphere Assay for High-Throughput Screening in Triple-Negative Breast Cancer," ... *Life Sci. R&D*, 2017, doi: 10.1177/2472555217692321.
- [344] H. Stempel, "Comparative Analyses of Murine and Human Formyl Peptide Receptor 3." publikationen.sulb.uni-saarland.de, 2017.
- [345] D. Altherr, *Etablierung eines Immun-Monitoring-Assays für die dendritische Zellvakzinierung bei Glioblastom*. publikationen.sulb.uni-saarland.de, 2017.
- [346] P. P. Pourfard, *Single cell Enrichment with High Throughput Microfluidic Devices*. search.proquest.com, 2017.
- [347] F. Rosa, J. S. Osorio, E. Trevisi, F. Yanqui-Rivera, and ..., "2, 4-Thiazolidinedione treatment improves the innate immune response in dairy goats with induced subclinical mastitis," *PPAR research*. hindawi.com, 2017.
- [348] S. Uvsløkk, "Effect of HEMA on protein S-glutathionylation in BEAS-2B cells." oda.oslomet.no, 2017.
- [349] D. Erudaitius, A. Huang, S. Kazmi, G. R. Buettner, and ..., "Peroxiporin Expression Is an Important Factor for Cancer Cell Susceptibility to Therapeutic H2O2: Implications for Pharmacological Ascorbate Therapy," *PloS one*. journals.plos.org, 2017.
- [350] A. A. O. Muñoz, *Elementos para una propuesta de desarrollo alternativo. Construcción de cultura ciudadana desde el uso de la bicicleta en Bogotá*. ciencia.lasalle.edu.co, 2017.
- [351] D. A. Turner, L. Alonso-Crisostomo, M. Girgin, and ..., *Gastruloids develop the three body axes in the absence of extraembryonic tissues and spatially localised signalling*. liverpoolrepository.liverpool.ac.uk, 2017.
- [352] W. Cho, R. Pradhan, H. Y. Chen, Y. H. Weng, H. Y. Chu, and ..., "Rapid Staining of Circulating Tumor Cells in Three-Dimensional Microwell Dialysis (3D-μDialysis) Chip," *Scientific reports*. nature.com, 2017.
- [353] U. Künzel, *FRMD8 is a novel regulator of iRhom-dependent ADAM17 activity*. ora.ox.ac.uk, 2017.
- [354] S. Yang, Q. Li, Y. Mu, J. Ao, and X. Chen, "Functional activities of interferon gamma in large yellow croaker Larimichthys crocea," *Fish Shellfish Immunol.*, 2017.
- [355] P. Li, A. A. Karaczyn, R. McGlaunlin, and ..., "Novel roles for podocalyxin in regulating stress myelopoiesis, Rap1a, and neutrophil migration," *Exp.* ..., 2017.
- [356] J. Pendzialek, *BiTE Antikörper-Konstrukte zur Therapie von Influenza A-und Cytomegalovirus-Infektionen*. repository.iztheo.de, 2017.
- [357] K. Isobe, M. Suzuki, T. Watanabe, and ..., "Platelet-rich fibrin prepared from stored whole-blood samples," *International* journalimplantdent.springeropen ... , 2017, doi: 10.1186/s40729-017-0068-4.
- [358] X. Qiu, T. M. Westerhof, A. A. Karunaratne, E. M. Werner, and ..., "Microfluidic device for rapid digestion of tissues into cellular suspensions," *Lab Chip*, 2017.
- [359] H. Yang, S. Jenni, M. Colovic, H. Merkens, and ..., "18F-5-Fluoroaminosuberic acid as a potential tracer to gauge oxidative stress in breast cancer models," *J. Nucl.* ..., 2017.
- [360] Z. F. Bielecka, A. Malinowska, and ..., "Hypoxic 3D in vitro culture models reveal distinct resistance processes to TKIs in renal cancer cells," *Cell &* cellandbioscience.biomedcentral ... , 2017, doi: 10.1186/s13578-017-0197-8.

- [361] R. Bi, *Epigenetic regulation of Hoxa1 and Hoxa2*. harvest.usask.ca, 2017.
- [362] D. S. Kim, H. Dastidar, C. Zhang, F. J. Zemp, K. Lau, and ..., "Smac mimetics and oncolytic viruses synergize in driving anticancer T-cell responses through complementary mechanisms," *Nature* nature.com, 2017.
- [363] K. Zaleska, W. M. Suchorska, A. Kowalik, M. Kruszyna, and ..., "Low dose out-of-field radiotherapy, part 3: Qualitative and quantitative impact of scattered out-of-field radiation on MDA-MB-231 cell lines," *Cancer*, 2017.
- [364] E. Midtbust, *Metabolsk Tilpasning til Hypoksi i Prostatakreftcellelinjen DU-145 og i Glioblastoma-Astrocytoma Kreftcellelinjen U-87 MG*. ntnuopen.ntnu.no, 2017.
- [365] A. Bailey, P. Thor, H. I. Browman, D. M. Fields, and ..., "Early life stages of the Arctic copepod Calanus glacialis are unaffected by increased seawater pCO₂," *ICES J.*, 2017.
- [366] J. S. Davis, M. Sun, A. T. Kho, K. G. Moore, J. M. Sylvia, and ..., "Circulating microRNAs and association with methacholine PC20 in the Childhood Asthma Management Program (CAMP) cohort," *PloS one*. journals.plos.org, 2017.
- [367] G. Bancone, M. Kalnoky, C. S. Chu, N. Chowwiwat, and ..., "The G6PD flow-cytometric assay is a reliable tool for diagnosis of G6PD deficiency in women and anaemic subjects," *Scientific reports*. nature.com, 2017.
- [368] C. Espinoza *et al.*, "Brefeldin-A: an Antiproliferative Metabolite of the Fungus Curvularia trifolii Collected from the Veracruz Coral Reef System, Mexico," *J. Mex. Chem. Soc.*, vol. 60, no. 2, pp. 79–82, 2016.
- [369] Z. J. He, *Effects of digestate, magnesium sulfate, and dipotassium hydrogen phosphate/potassium dihydrogen phosphate on microalga, Scenedesmus dimorphus*. engagedscholarship.csuohio.edu, 2016.
- [370] K. M. Au *et al.*, "Folate-targeted pH-responsive calcium zoledronate nanoscale metal-organic frameworks: Turning a bone antiresorptive agent into an anticancer therapeutic," *Biomaterials*, vol. 82, pp. 178–193, Mar. 2016, doi: <http://dx.doi.org/10.1016/j.biomaterials.2015.12.018>.
- [371] S. A. Datar, W. Gong, Y. He, M. Johengen, and ..., "Disrupted NOS signaling in lymphatic endothelial cells exposed to chronically increased pulmonary lymph flow," *Am. J.*, 2016, doi: [10.1152/ajpheart.00649.2015](https://doi.org/10.1152/ajpheart.00649.2015).
- [372] E. R. Hanschen *et al.*, "The Gonium pectorale genome demonstrates co-option of cell cycle regulation during the evolution of multicellularity," *Nat. Commun.*, vol. 7, p. 11370, 2016, doi: [10.1038/ncomms11370](https://doi.org/10.1038/ncomms11370).
- [373] F. F. B. Resende, X. Bai, E. A. Del Bel, and ..., "Evaluation of TgH (CX3CR1-EGFP) mice implanted with mCherry-GL261 cells as an in vivo model for morphometrical analysis of glioma-microglia interaction," *BMC* bmccancer.biomedcentral.com, 2016, doi: [10.1186/s12885-016-2118-3](https://doi.org/10.1186/s12885-016-2118-3).
- [374] C. P. Long, J. Au, J. E. Gonzalez, and M. R. Antoniewicz, "13C metabolic flux analysis of microbial and mammalian systems is enhanced with GC-MS measurements of glycogen and RNA labeling," *Metab. Eng.*, vol. 38, pp. 65–72, Jun. 2016, doi: [10.1016/j.jmb.2016.06.007](https://doi.org/10.1016/j.jmb.2016.06.007).
- [375] J. Däbritz, L. M. Judd, H. V Chalinor, T. R. Menheniot, and ..., "Altered gp130 signalling ameliorates experimental colitis via myeloid cell-specific STAT3 activation and myeloid-derived suppressor cells," *Scientific reports*. nature.com, 2016.
- [376] A. Slany, A. Bileck, D. Kreutz, R. L. Mayer, B. Muqaku, and C. Gerner, "Contribution of Human Fibroblasts and Endothelial Cells to the Hallmarks of Inflammation as Determined by Proteome Profiling," *Mol. Cell. Proteomics*, vol. 15, no. 6, pp. 1982–1997, Jun. 2016, doi: [10.1074/mcp.M116.058099](https://doi.org/10.1074/mcp.M116.058099).
- [377] N. Momtahan, *Extracellular Matrix from Whole Porcine Heart Decellularization for Cardiac Tissue Engineering*. search.proquest.com, 2016.
- [378] D. C. Jones, I. N. Mistry, and A. Tavassoli, "Post-translational control of protein function with light using a LOV-intein fusion protein," *Mol. Biosyst.*, vol. 12, no. 4, pp. 1388–1393, Apr. 2016, doi: [10.1039/c6mb00007j](https://doi.org/10.1039/c6mb00007j).
- [379] B. Swietek, A. Gupta, A. Proddutur, and ..., "Immunostaining of biocytin-filled and processed sections for neurochemical markers," *JoVE (Journal of)* jove.com, 2016.
- [380] K. W. Farrell, *Role of Matrix Microenviroment on Neural Stem Cell Phenotype and Differentiation under Healthy and Inflammatory Conditions*. rave.ohiolink.edu, 2016.
- [381] H. Stempel, M. Jung, A. Perez-Gomez, T. Leinders-Zufall, F. Zufall, and B. Buflé, "Strain-specific Loss of Formyl Peptide Receptor 3 in the Murine Vomeronasal and Immune Systems," *J. Biol. Chem.*, vol. 291, no. 18, pp. 9762–9775, Apr. 2016, doi: [10.1074/jbc.M116.714493](https://doi.org/10.1074/jbc.M116.714493).
- [382] D. Guldner, J. K. Hwang, M. C. D. Cardieri, M. Eren, P. Ziae, and ..., "In Vitro Evaluation of the Biological Responses of Canine Macrophages Challenged with PLGA Nanoparticles Containing Monophosphoryl Lipid A," *PloS one*. journals.plos.org, 2016.
- [383] G. Balmus *et al.*, "HUS1 regulates in vivo responses to genotoxic chemotherapies," *Oncogene*, vol. 35, no. 5, pp. 662–669, Feb. 2016, doi: [10.1038/onc.2015.118](https://doi.org/10.1038/onc.2015.118).
- [384] T. Kawase, K. Hayama, M. Tsuchimochi, and ..., "Evaluating the safety of somatic periosteal cells by flow-cytometric analysis monitoring the history of DNA damage," *Biopreservation*, 2016, doi: [10.1089/bio.2015.0072](https://doi.org/10.1089/bio.2015.0072).
- [385] J. Azadeh, Z. Song, A. S. Laureano, A. Toro-Ramos, and K. Kwan, "Initiating Differentiation in Immortalized Multipotent Otic Progenitor Cells," *J. Vis. Exp.*, no. 107, 2016, doi: [10.3791/53692](https://doi.org/10.3791/53692).

- [386] E. Serrao, P. Cherepanov, and A. N. Engelman, "Amplification, next-generation sequencing, and genomic DNA mapping of retroviral integration sites," *JoVE (Journal of Visualized jove.com)*, 2016.
- [387] C. M. Doskey, *Toward absolute quantitation in cell culture: expression of dose of xenobiotics and capacity of cells to remove hydrogen peroxide with implications to search.proquest.com*, 2016.
- [388] N. Tentillier *et al.*, "Anti-Inflammatory Modulation of Microglia via CD163-Targeted Glucocorticoids Protects Dopaminergic Neurons in the 6-OHDA Parkinson's Disease Model," *J. Neurosci.*, vol. 36, no. 36, pp. 9375–9390, Sep. 2016, doi: 10.1523/JNEUROSCI.1636-16.2016.
- [389] P. M. Silva, *Broad-spectrum antiviral peptides against respiratory viruses*. repositorio.ul.pt, 2016.
- [390] S. Wu, J. Johansson, O. Hovatta, and A. Rising, "Efficient passage of human pluripotent stem cells on spider silk matrices under xeno-free conditions," *Cell. Mol. Life Sci.*, vol. 73, no. 7, pp. 1479–1488, Apr. 2016, doi: 10.1007/s00018-015-2053-5.
- [391] M. N. Pennell, *Cell aggregate dissociation and filtration through the use of nylon woven mesh membranes*. search.proquest.com, 2016.
- [392] K. Zaleska, W. M. Suchorska, A. Przybyla, and ..., "Effect of surgical wound fluids after intraoperative electron radiotherapy on the cancer stem cell phenotype in a panel of human breast cancer cell lines," *Oncology spandidos-publications.com*, 2016, doi: 10.3892/ol.2016.5167.
- [393] J. Zhao, *A causal role of ATM-and NEMO-dependent NF- κ B activation in DNA damage-induced senescence and aging*. search.proquest.com, 2016.
- [394] M. M. Baquero and B. L. Plattner, "Bovine WC1(+) gammadelta T lymphocytes modify monocyte-derived macrophage responses during early *Mycobacterium avium* subspecies *paratuberculosis* infection," *Vet. Immunol. Immunopathol.*, vol. 170, pp. 65–72, Feb. 2016, doi: 10.1016/j.vetimm.2015.12.002.
- [395] T. Kawase, K. Okuda, M. Nagata, and ..., "Non-invasive, quantitative assessment of the morphology of γ -irradiated human mesenchymal stem cells and periosteal cells using digital holographic microscopy," *... J. Radiat.* ..., 2016, doi: 10.1080/09553002.2016.1230242.
- [396] A. M. Czarnecka *et al.*, "Triiodothyronine regulates cell growth and survival in renal cell cancer," *Int. J. Oncol.*, vol. 49, no. 4, pp. 1666–1678, Oct. 2016, doi: 10.3892/ijo.2016.3668.
- [397] J. H. Fine *et al.*, "Immunomodulation by gastrointestinal carbon black nanoparticle exposure in ovalbumin T cell receptor transgenic mice," *Nanotoxicology*, pp. 1–9, Sep. 2016, doi: 10.1080/17435390.2016.1225131.
- [398] F. T. da Rosa, *Role of peroxisome proliferator-activated receptor gamma on prevention/cure of mastitis*. ir.library.oregonstate.edu, 2016.
- [399] H. H. Thorlakson, O. Schreurs, K. Schenck, and I. J. S. Blix, "Lysophosphatidic acid regulates adhesion molecules and enhances migration of human oral keratinocytes," *Eur. J. Oral Sci.*, vol. 124, no. 2, pp. 164–171, Apr. 2016, doi: 10.1111/eos.12255.
- [400] M. Gijs, G. Penner, G. B. Blackler, N. Impens, and ..., "Improved aptamers for the diagnosis and potential treatment of HER2-positive cancer," *Pharmaceuticals*, 2016.
- [401] M. Darash-Yahana *et al.*, "Breast cancer tumorigenicity is dependent on high expression levels of NAF-1 and the lability of its Fe-S clusters," *Proc. Natl. Acad. Sci. U. S. A.*, Sep. 2016, doi: 10.1073/pnas.1612736113.
- [402] I. Khan and P. R. Arany, "Photobiomodulation therapy promotes expansion of epithelial colony forming units," *Photomed. Laser Surg.*, 2016, doi: 10.1089/pho.2015.4054.
- [403] N. El Skhawy, *T lymphocyte responses to *Mycobacterium avium* subspecies *paratuberculosis* (*Map*)-derived culture filtrate proteins and membrane vesicles during early intestinal atrium.lib.uoguelph.ca*, 2016.
- [404] S. Christen, D. Lorendeau, R. Schmieder, D. Broekaert, and ..., "Breast cancer-derived lung metastases show increased pyruvate carboxylase-dependent anaplerosis," *Cell reports*. Elsevier, 2016.
- [405] S. H. Holt *et al.*, "Activation of apoptosis in NAF-1-deficient human epithelial breast cancer cells," *J. Cell Sci.*, vol. 129, no. 1, pp. 155–165, Jan. 2016, doi: 10.1242/jcs.178293.
- [406] J. Boehme, X. Sun, K. V Tormos, W. Gong, and ..., "Cardiovascular Mitochondria and Redox Control in Health and Disease: Pulmonary artery smooth muscle cell hyperproliferation and metabolic shift triggered ..." *American Journal of ... ncbi.nlm.nih.gov*, 2016.
- [407] Z. Dong *et al.*, "Focused screening of mitochondrial metabolism reveals a crucial role for a tumor suppressor Hbp1 in ovarian reserve," *Cell Death Differ.*, vol. 23, no. 10, pp. 1602–1614, Oct. 2016, doi: 10.1038/cdd.2016.47.
- [408] P. Xue, L. Zhang, J. Guo, Z. Xu, and Y. Kang, "Isolation and retrieval of circulating tumor cells on a microchip with double parallel layers of herringbone structure," *Microfluid. Nanofluidics*, 2016, doi: 10.1007/s10404-016-1834-y.
- [409] A. Toren *et al.*, "Zinc enhances temozolomide cytotoxicity in glioblastoma multiforme model systems," *Oncotarget*, Aug. 2016, doi: 10.18632/oncotarget.11382.
- [410] J. Lee, H. Ahn, E.-J. Hong, B.-S. An, E.-B. Jeung, and G.-S. Lee, "Sulforaphane attenuates activation of NLRP3 and NLRC4 inflammasomes but not AIM2 inflammasome," *Cell. Immunol.*, vol. 306–307, pp. 53–60, 2016, doi: 10.1016/j.cellimm.2016.07.007.
- [411] H. D. Ngo, *Microfluidic Diagnostics for Leukemia THP-1 Cancer Cells*. escholarship.org, 2016.

- [412] H. Bouquin, *Comparison of snv genotyping sensitivity of next-generation sequencing with illumina's miseq and quantitative real-time pcr with fluidigm's biomark hd.* trepo.tuni.fi, 2016.
- [413] J. Woodward, G. C. Taylor, D. C. Soares, and ..., "Condensin II mutation causes T-cell lymphoma through tissue-specific genome instability," *Genes* ..., 2016.
- [414] J. Gutman, *In vitro culture of human monocytederived macrophages with regards to M1/M2 polarization.* odr.chalmers.se, 2016.
- [415] F. F. B. Resende, *Biologia do glioblastoma multiforme—da dinâmica de ativação microglial ao papel do canal de potássio Kv 10.1.* repositorio.unb.br, 2016.
- [416] B. Chowdhury, E. G. Porter, J. C. Stewart, C. R. Ferreira, M. J. Schipma, and E. C. Dykhuizen, "PBRM1 Regulates the Expression of Genes Involved in Metabolism and Cell Adhesion in Renal Clear Cell Carcinoma," *PLoS One*, vol. 11, no. 4, p. e0153718, 2016, doi: 10.1371/journal.pone.0153718.
- [417] A. M. Peterson, *Manipulating the electrostatic properties of nucleic acids for applications in sensing and drug delivery.* search.proquest.com, 2016.
- [418] C. Koufaris, S. Gallage, T. Yang, C.-H. Lau, G. N. Valbuena, and H. C. Keun, "Suppression of MTHFD2 in MCF-7 Breast Cancer Cells Increases Glycolysis, Dependency on Exogenous Glycine, and Sensitivity to Folate Depletion," *J. Proteome Res.*, vol. 15, no. 8, pp. 2618–2625, Aug. 2016, doi: 10.1021/acs.jproteome.6b00188.
- [419] S. Sarwat, "Trials and Tribulations in the Expression and Purification of ABCG2." researchgate.net, 2016.
- [420] Z. Yu *et al.*, "High-yield well modes and production practices in the Longwangmiao Fm gas reservoirs, Anyue Gas Field, central Sichuan Basin," *Natural Gas Industry B*. Elsevier, 2016.
- [421] A. M. Beedle, "Cryosectioning of contiguous regions of a single mouse skeletal muscle for gene expression and histological analyses," *JoVE (Journal of Visualized Experiments)*. jove.com, 2016.
- [422] S. Zhou, Y. Mu, Y. Liu, J. Ao, and X. Chen, "Identification of a fish specific chemokine CXCL_F2 in large yellow croaker (*Larimichthys crocea*) reveals its primitive chemotactic function," *Fish Shellfish Immunol.*, 2016.
- [423] P. P. Robichaud *et al.*, "On the cellular metabolism of the click chemistry probe 19-alkyne arachidonic acid," *J. Lipid Res.*, Aug. 2016, doi: 10.1194/jlr.M067637.
- [424] N. Momtahan, T. Panahi, N. Poornejad, and ..., "Using hemolysis as a novel method for assessment of cytotoxicity and blood compatibility of decellularized heart tissues," *ASAIO* ..., 2016.
- [425] P. Bigdelou, A. Roth, A. Datar, and M. Y. Lee, "Biological sample printing," *Microarray Bioprinting Technol.*, 2016, doi: 10.1007/978-3-319-46805-1_4.
- [426] X. Liu, I. L. Romero, L. M. Litchfield, E. Lengyel, and ..., "Metformin targets central carbon metabolism and reveals mitochondrial requirements in human cancers," *Cell metabolism*. Elsevier, 2016.
- [427] M. A. Sandmoe, *Integrated stress response pathways induced by DHA in human colon cancer cell lines.* ntnuopen.ntnu.no, 2016.
- [428] J. Boehme, X. Sun, K. V Tormos, and ..., "Pulmonary artery smooth muscle cell hyperproliferation and metabolic shift triggered by pulmonary overcirculation," *Am. J.* ..., 2016, doi: 10.1152/ajpheart.00040.2016.
- [429] L. Marcos-Zambrano, P. Escrivano, and J. Guinea, *Estudio de factores de virulencia de "Candida albicans" responsable de micosis invasoras a partir de ensayos de supervivencia con "Galleria mellonella."* ebuah.uah.es, 2015.
- [430] N. T. Pfister *et al.*, "Mutant p53 cooperates with the SWI/SNF chromatin remodeling complex to regulate VEGFR2 in breast cancer cells," *Genes Dev.*, vol. 29, no. 12, pp. 1298–1315, Jun. 2015, doi: 10.1101/gad.263202.115.
- [431] X. Qiu, J. De Jesus, M. Pennell, M. Troiani, and J. B. Haun, "Microfluidic device for mechanical dissociation of cancer cell aggregates into single cells," *Lab Chip*, vol. 15, no. 1, pp. 339–350, Jan. 2015, doi: 10.1039/c4lc01126k.
- [432] M. R. Kozlowski, "Senescent retinal pigment epithelial cells are more sensitive to vascular endothelial growth factor: implications for 'wet' age-related macular degeneration," *J. Ocul. Pharmacol. Ther.*, vol. 31, no. 2, pp. 87–92, Mar. 2015, doi: 10.1089/jop.2014.0071.
- [433] M. E. N. Salces, "Bioavailability and intestinal bioactivity of intact and in vitro digested β-casein," *Master's thesis.. Aarhus, Denmark: Aarhus* researchgate.net, 2015.
- [434] H. F. N. Kvittang and P. Bruheim, "Fast filtration sampling protocol for mammalian suspension cells tailored for phosphometabolome profiling by capillary ion chromatography-tandem mass ..." *J. Chromatogr. B*, 2015.
- [435] D. J. Asby, F. Cuda, M. Beyaert, F. D. Houghton, F. R. Cagampang, and A. Tavassoli, "AMPK Activation via Modulation of De Novo Purine Biosynthesis with an Inhibitor of ATIC Homodimerization," *Chem. Biol.*, vol. 22, no. 7, pp. 838–848, Jul. 2015, doi: 10.1016/j.chembiol.2015.06.008.
- [436] A. Z. Ameni, *Estudo do extrato fluido de Casearia sylvestris: constituintes químicos, potencial terapêutico e interações medicamentosas.* teses.usp.br, 2015.
- [437] M. R. Kozlowski, "The ARPE-19 cell line: mortality status and utility in macular degeneration research," *Curr. Eye Res.*, vol. 40, no. 5, pp. 501–509, May 2015, doi: 10.3109/02713683.2014.935440.
- [438] I. Ahmed, "Establishment and characterization of three new embryonic Spodoptera littoralis cell lines and testing their susceptibility to SpliMNPV," opus4.kobv.de, 2015.

- [439] M. Gorbet, C. Postnikoff, and S. Williams, "The Noninflammatory Phenotype of Neutrophils From the Closed-Eye Environment: A Flow Cytometry Analysis of Receptor Expression," *Invest. Ophthalmol. Vis. Sci.*, vol. 56, no. 8, pp. 4582–4591, Jul. 2015, doi: 10.1167/iovs.14-15750.
- [440] G. P. Howard and J. C. Hanreck, *NASA Limited Inflight Lab Sensor*. ideaexchange.uakron.edu, 2015.
- [441] M. P. J. Scarlet, H. P. Halldórsson, and Å. Granmo, "Scope for growth and condition index in the clam Meretrix meretix (L.) as biomarkers of pollution in Espírito Santo Estuary, Mozambique," *Reg. Stud. Mar.* ..., 2015.
- [442] H. Y. Tan, M. Dufva, J. P. Kutter, W. E. Svendsen, C. U. Nielsen, and ..., "Development of microfluidic cell culture devices towards an in vitro human intestinal barrier model." orbit.dtu.dk, 2015.
- [443] T. E. Gerber, "Evidence for Genetic Exchange in Naegleria Species," Brandeis University, 2015.
- [444] M. C. Osborne, *Understanding the role of microRNA expression in the response to phenobarbital toxicity in the rat*. spiral.imperial.ac.uk, 2015.
- [445] C. Canali *et al.*, "Bioimpedance monitoring of 3D cell culturing--complementary electrode configurations for enhanced spatial sensitivity," *Biosens. Bioelectron.*, vol. 63, pp. 72–79, Jan. 2015, doi: 10.1016/j.bios.2014.07.020.
- [446] S. M. Sinnappan, *The role of free beta subunit of human chorionic gonadotropin in high-grade serous cancer*. ses.library.usyd.edu.au, 2015.
- [447] G. P. Subedi, R. W. Johnson, H. A. Moniz, and ..., "High yield expression of recombinant human proteins with the transient transfection of HEK293 cells in suspension," *JoVE (Journal of jove.com*, 2015.
- [448] M. E. R. Maitland, *The role of thymine DNA glycosylase (TDG) and DNA demethylation in TGF beta signaling*. ir.lib.uwo.ca, 2015.
- [449] N. Nikbakht, *A Microfluidic Device for Capturing Circulating Tumor Cells*. search.proquest.com, 2015.
- [450] J. Brozy, *Novel T Cell-Engaging, Bispecific Antibodies for Depletion of Human Immunodeficiency Virus-Infected Cells*. mediatum.ub.tum.de, 2015.
- [451] B. An *et al.*, "Supplementation of growth differentiation factor-5 increases proliferation and size of chondrogenic pellets of human umbilical cord-derived perivascular stem cells," *Tissue Eng. Regen. Med.*, vol. 12, no. 3, pp. 181–187, 2015.
- [452] A. J. Favreau, *Cytokine and epigenetic regulation of microRNA in acute myeloid leukemia*. search.proquest.com, 2015.
- [453] K. M. Au *et al.*, "Improving Cancer Chemoradiotherapy Treatment by Dual Controlled Release of Wortmannin and Docetaxel in Polymeric Nanoparticles," *ACS Nano*, vol. 9, no. 9, pp. 8976–8996, Sep. 2015, doi: 10.1021/acsnano.5b02913.
- [454] H. Aghamohseni, *Effect of Culture Conditions on the Glycosylation Pattern of mAb*. uwspace.uwaterloo.ca, 2015.
- [455] M. R. McAllaster *et al.*, "Proteomic identification of novel cytoskeletal proteins associated with TbPLK, an essential regulator of cell morphogenesis in Trypanosoma brucei," *Mol. Biol. Cell*, vol. 26, no. 17, pp. 3013–3029, Sep. 2015, doi: 10.1091/mbc.E15-04-0219.
- [456] L. A. Beninson and M. Fleshner, "Exosomes in fetal bovine serum dampen primary macrophage IL-1beta response to lipopolysaccharide (LPS) challenge," *Immunol. Lett.*, vol. 163, no. 2, pp. 187–192, Feb. 2015, doi: 10.1016/j.imlet.2014.10.019.
- [457] M. S. Kavosh, *The role of Ski protein in the modulation of cardiac myofibroblast phenotype: MMP expression and function*. mspace.lib.umanitoba.ca, 2015.
- [458] D. O. Okello, *Six2 Exhibits a Temporal-spatial Expression Profile in the Developing Mouse Palate and Impacts Cell Proliferation During Murine Palatogenesis*. bac-lac.gc.ca, 2015.
- [459] G. C. S. Jr, A. P. A. da Silva, L. Feldman, and ..., "Epigenetic Modifications, Chromatin Distribution and TP53 Transcription in a Model of Breast Cancer Progression," *J. Cell.* ..., 2015, doi: 10.1002/jcb.25003.
- [460] C.-Y. Chen *et al.*, "Anti-inflammatory effects of Perilla frutescens in activated human neutrophils through two independent pathways: Src family kinases and Calcium," *Sci. Rep.*, vol. 5, p. 18204, 2015, doi: 10.1038/srep18204.
- [461] Y. Wu, *In Vitro Studies of a New Radiosensitizer for Radiotherapy of Breast Cancer*. uwspace.uwaterloo.ca, 2015.
- [462] C. M. Doskey, T. J. van 't Erve, B. A. Wagner, and G. R. Buettner, "Moles of a Substance per Cell Is a Highly Informative Dosing Metric in Cell Culture," *PLoS One*, vol. 10, no. 7, p. e0132572, 2015, doi: 10.1371/journal.pone.0132572.
- [463] S. Lessard, M. Beaudoin, K. Benkirane, and G. Lettre, "Comparison of DNA methylation profiles in human fetal and adult red blood cell progenitors," *Genome Med.*, vol. 7, no. 1, p. 1, 2015, doi: 10.1186/s13073-014-0122-2.
- [464] D. P. Ivanov *et al.*, "Multiplexing spheroid volume, resazurin and acid phosphatase viability assays for high-throughput screening of tumour spheroids and stem cell neurospheres," *PLoS One*, vol. 9, no. 8, p. e103817, 2014, doi: 10.1371/journal.pone.0103817.
- [465] S. Sanschagrin and E. Yergeau, "Next-generation sequencing of 16S ribosomal RNA gene amplicons," *JoVE (Journal of Visualized Experiments)*. jove.com, 2014.
- [466] M. R. Goode, S. Y. Cheong, N. Li, W. C. Ray, and ..., "Collection and extraction of saliva DNA for next generation sequencing," *JoVE (Journal of jove.com*, 2014.
- [467] M. L. Shao, Q. Yang, J. He, and B. S. Hsiao, "Preparation and Biological Characterization of Electrospun Aligned Poly (Butylene Carbonate) Nano-Fibers," *Mater. Sci. Forum*, 2014.

- [468] K. Yamamoto *et al.*, "Largen: a molecular regulator of mammalian cell size control," *Mol. Cell*, vol. 53, no. 6, pp. 904–915, Mar. 2014, doi: 10.1016/j.molcel.2014.02.028.
- [469] L. Naghi, "Naegleria minor: Characterization of Its Differentiation and The Possibility of Genetics," Brandeis University, 2014.
- [470] A. J. Favreau, C. P. H. Vary, P. C. Brooks, and P. Sathyaranayana, "Cryptic collagen IV promotes cell migration and adhesion in myeloid leukemia," *Cancer Med.*, vol. 3, no. 2, pp. 265–272, Apr. 2014, doi: 10.1002/cam4.203.
- [471] C. R. Gallistel, F. Balci, D. Freestone, A. Kheifets, and ..., "Automated, quantitative cognitive/behavioral screening of mice: for genetics, pharmacology, animal cognition and undergraduate instruction," *JoVE (Journal of ... jove.com)*, 2014.
- [472] C.-A. Martin *et al.*, "Mutations in PLK4, encoding a master regulator of centriole biogenesis, cause microcephaly, growth failure and retinopathy," *Nat. Genet.*, vol. 46, no. 12, pp. 1283–1292, Dec. 2014, doi: 10.1038/ng.3122.
- [473] B. Gunasegaran, "TARGETING THE P53 PATHWAY AS A NOVEL APPROACH IN SUPPRESSING SIDE EFFECTS OF CHEMOTHERAPEUTIC DRUGS IN COLORECTAL" 2014.
- [474] T. Schneider and S. Preußler, "Quasi-light storage for optical data packets," *JoVE (Journal of Visualized Experiments)*. jove.com, 2014.
- [475] M. D. Urbanowski, *Characterization of the anti-apoptotic properties of flavivirus capsid proteins*. era.library.ualberta.ca, 2014.
- [476] K. B. A. Sousa, *Detecção de Bunyavírus em flebotomíneos coletados em duas áreas do estado do Amazonas, Brasil*. tede.ufam.edu.br, 2014.
- [477] J. M. Posimo, A. S. Unnithan, A. M. Gleixner, H. J. Choi, and ..., "Viability assays for cells in culture," *JoVE (Journal of ... jove.com)*, 2014.
- [478] S. R. Gregório, *Improvement of viral fusion inhibitor enfuvirtide efficacy by conjugation with membrane anchoring lipids*. run.unl.pt, 2014.
- [479] M. E. Kjelland, T. Stroud, H. E. Ayliffe, and ..., "178 Portable automated microfluidic device for rapid determination of sperm counts," *Reprod. Fertil.* ..., 2014.
- [480] S. Wu *et al.*, "Spider silk for xeno-free long-term self-renewal and differentiation of human pluripotent stem cells," *Biomaterials*, vol. 35, no. 30, pp. 8496–8502, Oct. 2014, doi: 10.1016/j.biomaterials.2014.06.039.
- [481] R. Pintwala, *Development of an in vitro model to assess wound-healing response and biocompatibility of intraocular biomaterials*. uwspace.uwaterloo.ca, 2014.
- [482] G. Müller, H. Benkhai, R. Matthes, B. Finke, W. Friedrichs, and ..., "Poly (hexamethylene biguanide) adsorption on hydrogen peroxide treated Ti-Al-V alloys and effects on wettability, antimicrobial efficacy, and cytotoxicity," *Biomaterials*, 2014.
- [483] Z. Lee, *Hepatitis B Virus (HBV) Infection in Peripheral Blood Mononuclear Cells of HBV Mono-infected and HBV/Human Immunodeficiency Virus Type-1 Co-infected Patients*. prism.ucalgary.ca, 2014.
- [484] L. Sever, N. T. K. Vo, J. Lumsden, N. C. Bols, and B. Dixon, "Induction of rainbow trout MH class I and accessory proteins by viral haemorrhagic septicaemia virus," *Mol. Immunol.*, vol. 59, no. 2, pp. 154–162, Jun. 2014, doi: 10.1016/j.molimm.2014.02.001.
- [485] H. F. N. Kvittang, K. A. Kristiansen, and P. Bruheim, "Assessment of capillary anion exchange ion chromatography tandem mass spectrometry for the quantitative profiling of the phosphometabolome and organic acids in ...," *J. Chromatogr. A*, 2014.
- [486] R. Jafari, H. Almqvist, H. Axelsson, M. Ignatushchenko, and ..., "The cellular thermal shift assay for evaluating drug target interactions in cells," *Nat. Protoc.*, 2014.
- [487] E. Soors, "Effecten van ioniserende straling op in vitro kankercellen." publications.sckcen.be, 2014.
- [488] Q. Huang, A. Cheng, M. Antensteiner, C. Lin, and E. A. Vogler, "Mammalian cell-adhesion kinetics measured by suspension depletion," *Biomaterials*, vol. 34, no. 2, pp. 434–441, Jan. 2013, doi: 10.1016/j.biomaterials.2012.09.073.
- [489] A. J. Adler, G. B. Wiley, and P. M. Gaffney, "Infinium assay for large-scale SNP genotyping applications," *JoVE (Journal of Visualized Experiments)*. jove.com, 2013.
- [490] C.-H. Chang *et al.*, "Posttranscriptional control of T cell effector function by aerobic glycolysis," *Cell*, vol. 153, no. 6, pp. 1239–1251, Jun. 2013, doi: 10.1016/j.cell.2013.05.016.
- [491] S. Althari, "Targeted Delivery of Boron-10-Loaded Peptide Polymers to Pancreatic Adenocarcinoma Cells Via Bioconjugated Gold Nanoparticles for Neutron Capture" repository.wellesley.edu, 2013.
- [492] T. J. V. Erve, *Discoveries on the storage of red blood cells and the exposure of cells in culture to xenobiotics*. search.proquest.com, 2013.
- [493] J. De Jesus, *A Microfluidic Device for Dissociating Tumor Tissue into Single Cells*. search.proquest.com, 2013.
- [494] H. El-Saghire, A. Michaux, H. Thierens, and S. Baatout, "Low doses of ionizing radiation induce immune-stimulatory responses in isolated human primary monocytes," *Int. J. Mol. Med.*, vol. 32, no. 6, pp. 1407–1414, Dec. 2013, doi: 10.3892/ijmm.2013.1514.
- [495] F. Gracio, J. Cabral, and B. Tidor, "Modeling stem cell induction processes," *PLoS One*. journals.plos.org, 2013.

- [496] R. E. Guldberg, B. D. Boyan, T. Barker, R. Bellamkonda, and ..., *Center for Advanced Bioengineering for Soldier Survivability*. apps.dtic.mil, 2013.
- [497] Y.-S. Sohn *et al.*, "NAF-1 and mitoNEET are central to human breast cancer proliferation by maintaining mitochondrial homeostasis and promoting tumor growth," *Proc. Natl. Acad. Sci. U. S. A.*, vol. 110, no. 36, pp. 14676–14681, Sep. 2013, doi: 10.1073/pnas.1313198110.
- [498] Y. MEYVIS, "Consequences of space stressors on immunity." publications.sckcen.be, 2013.
- [499] B. Bariar, *Topoisomerase II inhibitors induce an illegitimate genome rearrangement common in infant leukemia*. search.proquest.com, 2013.
- [500] S. Sengupta, "Hyperoxia and Phototherapy Alter Circadian Gene Expression," *2013 AAP Natl. Conf. Exhib.*, 2013.
- [501] G. J. Gage, D. R. Kipke, and W. Shain, "Whole animal perfusion fixation for rodents," *JoVE (Journal of Visualized Experiments)*. jove.com, 2012.
- [502] A. J. Favreau, E. Cross, and P. Sathyaranayana, "miR-199b-5p DIRECTLY TARGETS PODXL AND DDR1 AND DECREASED LEVELS OF miR-199b-5p CORRELATE WITH ELEVATED EXPRESSIONS OF PODXL AND DDR1 IN ACUTE MYELOID LEUKEMIA," *Am. J. Hematol.*, vol. 87, no. 4, pp. 442–446, Apr. 2012, doi: 10.1002/ajh.23129.
- [503] A. G. Dumont, Y. Yang, D. Reynoso, D. Katz, J. C. Trent, and D. P. Hughes, "Anti-tumor effects of the Notch pathway in gastrointestinal stromal tumors," *Carcinogenesis*, vol. 33, no. 9, pp. 1674–1683, Sep. 2012, doi: 10.1093/carcin/bgs221.
- [504] A. N. Melchior, *Design of Bioluminescent Protein-Nanoparticle Complexes for Targeted Imaging*. scholarship.miami.edu, 2012.
- [505] A. S. V Fremstedal, *Utvikling og optimalisering av protokoll for massespektrometrisk metabolsk profilering av adhærente humane celler*. ntnuopen.ntnu.no, 2012.
- [506] B. Olson and G. Dittami, "Hemocytometer Counting Alternative: Novel System Offers Cell Sizing, Count, and Assessment of Health," *Genet. Eng. Biotechnol. News*, 2012, doi: 10.1089/gen.32.14.14.
- [507] E. Machholz, G. Mulder, C. Ruiz, B. F. Corning, and ..., "Manual restraint and common compound administration routes in mice and rats," *JoVE (Journal of ...)*. jove.com, 2012.
- [508] L. J. Cseke and S. M. Talley, "A PCR-based genotyping method to distinguish between wild-type and ornamental varieties of *Imperata cylindrica*," *JoVE (Journal of Visualized Experiments)*. jove.com, 2012.
- [509] G. M. Dittami, M. Sethi, R. D. Rabbitt, and H. E. Ayliffe, "Determination of mammalian cell counts, cell size and cell health using the Moxi Z mini automated cell counter," *J. Vis. Exp.*, no. 64, 2012, doi: 10.3791/3842.
- [510] V. Glaser, "New Cancer Research Tools Change Paradigm: Increased Speed, Automation, and Visualization Should Bring Field to Another Level," *Genet. Eng. Biotechnol. News*, 2011, doi: 10.1089/gen.31.9.27.
- [511] S. Fasbender, "The interaction of graphene quantum dots with human cells," *docserv.uni-duesseldorf.de..*
- [512] B. Birk, A. Stähle, M. Meier, M. Palm, D. Funk-Weyer, and ..., "Research Article Investigation of ruminant xenobiotic metabolism in a modified rumen simulation system (RUSITEC)," *altex.org..*
- [513] R. Henstock, J. Curran, and F. G. Tseng, "Fluorescence based Nano Oxygen Particle (FNOP) for Spatiometric Monitoring of Cell Physiological Conditions," *researchgate.net..*
- [514] S. Kircher, "Charakterisierung humaner CD4 T-Zell Subtypen," *scholar.archive.org..*
- [515] D. Regele, "Molecular role of neonatal diabetes factor MNX1 in human beta-cell formation and function," *marshallplan.at..*
- [516] M. Alex, K. Roni, and E. Kozlowski, "Inhibition of Retinal Pigment Epithelial Cell Senescence by Metformin: Implications for the Treatment of Macular Degeneration," *medicalpressopenaccess.com..*
- [517] R. Ramadan, "Radiation-induced molecular modulations in thyroid cells cultured under iodine-deficiency," *publications.sckcen.be..*
- [518] E. M. Edwards, "MASTER OF SCIENCE BY RESEARCH," *pureportal.coventry.ac.uk..*
- [519] M. M. White, D. T. Drapeau, L. C. Lubelczyk, B. C. Bowler, and ..., "Coccolithophore growth, photosynthesis, calcification, and culture dynamics in response to increased pCO₂," *researchgate.net..*
- [520] D. M. Graziano, "COLD-ADAPTED ASSOCIATED MARINE BACTERIA: A SOURCE OF NEW BIOMOLECULES WITH PHARMACEUTICAL APPLICATION," *iris.unime.it..*
- [521] M. Robak and T. Koźlecki, "Simple And Rapid Technique For Measure of Liquid Paints Antimicrobial Activity," *researchgate.net..*
- [522] E. K. Asiamah, M. Vailati-Riboni, J. J. Loor, M. Worku, and ..., "REGULAR ARTICLE SUPPLEMENTAL METHIONINE, CHOLINE, OR TAURINE AFFECT GALECTIN GENE EXPRESSION IN ADULT HOLSTEIN COW AND ...," *jmbfs.org..*
- [523] Z. Khadir, V. Schmidt, K. Chabot, J. F. Bryche, U. Froehlich, and ..., "Surface Micropatterning for the Formation of an in Vitro Functional Endothelial Model for Cell-Based Biosensors," *papers.ssrn.com..*
- [524] J. Azadeh, Z. Song, A. S. Laureano, A. Toro-Ramos, and ..., "Adames, NR, Schuck, PL, Chen, KC, Murali, TM, Tyson, JJ, & Peccoud, J.(2015). Experimental testing of a new integrated model of the budding yeast Start ...," *orflo.com..*