

Year	Authors	Title	Journal	Link
2020	Lauschke K, Rosenmai AK, Meiser I, Neubauer JC, Schmidt K, Rasmussen MA , Holst B , Taxvig C, Emnéus JK, Vinggaard AM.	A novel human pluripotent stem cell-based assay to predict developmental toxicity.	Arch Toxicol. 2020 Nov;94(11):3831-3846. doi: 10.1007/s00204-020-02856-6. Epub 2020 Jul 22. PMID: 32700165 Free PMC article.	https://pubmed.ncbi.nlm.nih.gov/32700165/
2020	Meyer BO, Stella MPJ, Holst B , Nielsen BS , Holmstrøm K , Andersen PE, Marti D.	Selecting optimal spectral bands for improved detection of autofluorescent biomarkers in multiphoton microscopy.	J Biomed Opt. 2020 Jul;25(7):1-13. doi: 10.1117/1.JBO.25.7.071206. PMID: 32638570 Free PMC article.	https://pubmed.ncbi.nlm.nih.gov/32638570/
2020	Kamand M, Ilieva M, Forsberg SL, Thomassen M, Fex Svenningsen Å, Holst B , Meyer M, Michel TM.	Generation of human induced pluripotent stem cells (SDUKi002-A) from a 22-year-old male diagnosed with autism spectrum disorder.	Stem Cell Res. 2020 Jul;46:101834. doi: 10.1016/j.scr.2020.101834. Epub 2020 May 7. PMID: 32447258	https://www.sciencedirect.com/science/article/pii/S1873506120303391
2020	Saaby L , Trasborg J, Rasmussen MA , Holst B , Brodin B.	IPEC-J2 rMdr1a, a New Cell Line with Functional Expression of Rat P-glycoprotein Encoded by Rat Mdr1a for Drug Screening Purposes.	Pharmaceutics. 2020 Jul 17;12(7):673. doi: 10.3390/pharmaceutics12070673. PMID: 32708885 Free PMC article.	https://pubmed.ncbi.nlm.nih.gov/32708885/
2020	Schmid B , Prehn KR, Nimsanor N, Garcia BIA, Poulsen U, Vørring I , Rasmussen MA , Clausen C , Maulholzmann UA, Ramakrishna S, Muddashetty R, Steeg R, Bruce K, Mackintosh P, Ebneith A, Holst B, Cabrera-Socorro A.	Corrigendum to "Generation of a set of isogenic, gene-edited iPSC lines homozygous for all main APOE variants and an APOE knock-out line" [Stem Cell Res. 34/1873-5061(2019)101349-55].	Stem Cell Res. 2020 Oct;48:102005. doi: 10.1016/j.scr.2020.102005. Epub 2020 Sep 21. PMID: 32971461 No abstract available	https://www.sciencedirect.com/science/article/pii/S187350612100026X
2020	Goldeman C, Andersen M, Al-Robai A, Buchholtz T, Svane N, Ozgür B, Holst B , Shusta E, Hall VJ, Saaby L , Hyttel P, Brodin B.	Human induced pluripotent stem cells (BIONI010-C) generate tight cell monolayers with blood-brain barrier traits and functional expression of large neutral amino acid transporter 1 (SLC7A5)	Epub 2020 Oct 1. PMID: 33011235	https://pubmed.ncbi.nlm.nih.gov/33011235/
2020	Jørgensen NS, Saaby L , Andersson AM, Kromann S, Sheikhsamani E, Permin A, Ronco T, Svenningsen SW, Christensen JB, Olsen RH.	A Novel Derivative of Thioridazine Shows Low Toxicity and Efficient Activity against Gram-Positive Pathogens	Antibiotics (Basel). 2020 Jun 15;9(6):327. doi: 10.3390/antibiotics9060327. PMID: 32549350	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7344759/
2020	Ambjørner SEB, Wiese M, Köhler SC, Svindt J, Lund XL, Gajhede M, Saaby L , Brodin B, Rump S, Weigt H, Brünner N, Stenvang J.	The Pyrazolo[3,4-d]pyrimidine Derivative, SCO-201, Reverses Multidrug Resistance Mediated by ABCG2/BCRP	Cells. 2020 Mar 4;9(3):613. doi: 10.3390/cells9030613. PMID: 32143347	https://europepmc.org/article/pmc/pmc7140522
2020	Andersen, M. M., Larsen, J. , Hansen, M., Pedersen, A. E., & Gad, M.	Development of an In Vitro Assay to Assess Pharmacological Compounds and Reversion of Tumor-Derived Immunosuppression of Dendritic Cells	Immunological investigations, 1-17.	https://www.tandfonline.com/doi/abs/10.1080/08820139.2020.1778024
2020	Juhl, M., Follin, B., Gad, M. , Larsen, J. , Kastrup, J., & Ekblond, A.	Adipose Tissue-Derived Stromal Cells Induce a Highly Trophic Environment While Reducing Maturation of Monocyte-Derived Dendritic Cells	Stem cells international, 2020 .	https://www.hindawi.com/journals/sci/2020/8868909/
2020	Mathiesen, C. B., Rudjord-Levann, A. M., Gad, M. , Larsen, J. , Sellebjerg, F., & Pedersen, A. E.	Cladribine inhibits secretion of pro-inflammatory cytokines and phagocytosis in human monocyte-derived M1 macrophages in-vitro	International Immunopharmacology, 91, 107270.	https://pubmed.ncbi.nlm.nih.gov/33360830/
2020	NJ Hempel, F Morsch, MM Knopp , R Berthelsen, K Löbmann	The Use of Glycerol as an Enabling Excipient for Microwave-Induced In Situ Drug Amorphization	Journal of Pharmaceutical Sciences 110 (1), 155-163, 1, 2020	https://pubmed.ncbi.nlm.nih.gov/33058897/
2020	C Asgreen, MM Knopp , J Skytte, K Löbmann	Influence of the Polymer Glass Transition Temperature and Molecular Weight on Drug Amorphization Kinetics Using Ball Milling	Pharmaceutics 12 (6), 483, 1, 2020	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7355600/
2020	NJ Hempel, MM Knopp , R Berthelsen, JA Zeitler, K Löbmann	The influence of drug and polymer particle size on the in situ amorphization using microwave irradiation	European Journal of Pharmaceutics and Biopharmaceutics 149, 77-84, 4, 2020	https://europepmc.org/article/med/32035238
2020	NJ Hempel, MM Knopp , R Berthelsen, K Löbmann	Convection-Induced vs. Microwave Radiation-Induced in situ Drug Amorphization	Molecules 25 (5), 1068, 2020	https://www.mdpi.com/1420-3049/25/5/1068
2020	James JP, Riis LB, Malham M, Høgdall E, Langholz E, Nielsen BS	MicroRNA Biomarkers in IBD – Differential Diagnosis and Prediction of Colitis Associated Cancer.	Int J Mol Sci 2020. 21(21):E7893. doi: 10.3390/ijms21217893.	https://www.mdpi.com/1422-0067/21/21/7893
2020	Jacobsen NMY, Caglayan I, Caglayan A, Bar-Shalom D, Müllertz A .	Achieving delayed release of freeze-dried probiotic strains by extrusion, spheronization and fluid bed coating-evaluated using a three-step in vitro model.	Int J Pharm, 591, 120022, 2020	https://pubmed.ncbi.nlm.nih.gov/33122110/

2020	Huang J, Jacobsen J, Larsen SW, Genina N, van de Weert M, Müllertz A , Nielsen HM, Mu H.	Graphene oxide as a functional excipient in buccal films for delivery of clotrimazole: Effect of molecular interactions on drug release and antifungal activity in vitro.	Int J Pharm 589, 119811, 2020.	https://europepmc.org/article/med/32877734
2020	Møller A, Schultz HB, Meola TR, Müllertz A , Prestidge CA.	The Influence of Solidification on the in vitro Solubilisation of Bionanoserin Loaded Supersaturated Lipid-Based Oral Formulations	Eur J Pharm Sci., 105640, 2020.	https://pubmed.ncbi.nlm.nih.gov/33189902/
2020	Okonogi S, Kaewpinta A, Rades T, Müllertz A , Yang M, Khongkhunthian S, Chaijareenont P.	Enhancing Stability and Tooth Bleaching Activity of Carbamide Peroxide by Electrospun Nanofibrous Film	Pharmaceuticals 13 (11), 381, 2020.	https://www.mdpi.com/1424-8247/13/11/381
2020	Jørgensen JR, Thamdrup LHE, Kamguyan K, Nielsen LH, Nielsen HM, Boisen A, Rades T, Müllertz A .	Design of a self-unfolding delivery concept for oral administration of macromolecules.	J Control Release, 2020.	https://pubmed.ncbi.nlm.nih.gov/33086101/
2020	Falavigna M, Klitgaard M, Berthelsen R, Müllertz A , Flaten GE.	Predicting oral absorption of fenofibrate in lipid-based drug delivery systems by combining in vitro lipolysis with the mucus-PVPA permeability model	J Pharm Sci, 2020	https://pubmed.ncbi.nlm.nih.gov/32916137/
2020	Giassafaki LN, Siqueira S, Panteris E, Psatha K, Chatzopoulou F, Aivaliotis M, Tzimagiorgis G, Müllertz A , Fatouros DG, Vizirianakis IS	Towards analyzing the potential of exosomes to deliver microRNA therapeutics.	J Cell Physiol. 29991, 2020	https://europepmc.org/article/med/32749687
2020	Kontogiannidou E, Meikopoulos T, Gika H, Panteris E, Vizirianakis IS, Müllertz A , Fatouros DG	In Vitro Evaluation of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) Containing Room Temperature Ionic Liquids (RTILs) for the Oral Delivery of Amphotericin B	Pharmaceutics.; 12(8): E699, 12080699, 2020	https://pubmed.ncbi.nlm.nih.gov/32722400/
2020	Selen A, Müllertz A , Kesiosoglou F, Ho RJY, Cook JA, Dickinson PA, Flanagan T	Integrated Multi-stakeholder Systems Thinking Strategy: Decision-making with Biopharmaceutics Risk Assessment Roadmap (BioRAM) to Optimize Clinical Performance of Drug Products.	AAPS J. 22(5):97, 2020	https://europepmc.org/article/med/32719954
2020	Ueda H, Peter Bøtker J, Edinger M, Löbmann K, Grohganz H, Müllertz A , Rades T, Østergaard J.	Formulation of co-amorphous systems from naproxen and naproxen sodium and in situ monitoring of physicochemical state changes during dissolution testing by Raman spectroscopy	Int J Pharm 587:119662, 2020	https://pubmed.ncbi.nlm.nih.gov/32682958/
2020	Klitgaard M, Beilles S, Sassene PJ, Berthelsen R, Müllertz A *	Adding a gastric step to the intestinal in vitro digestion model improves the prediction of pharmacokinetic data in beagle dogs of two lipid-based drug delivery systems	Mol Pharm. Jul 14, 0c00307, 2020	https://pubmed.ncbi.nlm.nih.gov/32662647/
2020	Abrahamsson B, McAllister M, Augustijns P, Zane P, Butler J, Holm R, Langguth P, Lindahl A, Müllertz A , Pepin X, Rostami-Hodjegan A, Sjögren E, Berntsson M, Lennernäs H	Six years of progress in the oral biopharmaceutics area - A summary from the IMI OrBITo project	Eur J Pharm Biopharm. 152:236-247, 2020	https://www.sciencedirect.com/science/article/abs/pii/S0939641120301351
2020	Plum J, Bavnhøj CG, Eliassen JN, Rades T, Müllertz A	Comparison of induction methods for supersaturation: Amorphous dissolution versus solvent shift	Eur J Pharm Biopharm. 152:35-43, 2020	https://europepmc.org/article/med/31759102
2020	Strindberg S, Plum J, Stie MB, Christiansen ML, Hagner Nielsen L, Rades T, Müllertz A *	Effect of supersaturation on absorption of indomethacin and tadalafil in a single pass intestinal perfusion rat model, in the absence and presence of a precipitation inhibitor	Eur J Pharm Biopharm. 151:108-115, 2020	https://pubmed.ncbi.nlm.nih.gov/32298758/
2020	Kontogiannidou E, Meikopoulos T, Virgiliou C, Bouropoulos N, Gika H, Vizirianakis IS, Müllertz A , Fatouros DG	Towards the development of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) containing trimethyl chitosan for the oral delivery of amphotericin B: In vitro assessment and cytocompatibility studies	J Drug Del Sci and Tech, 56, 101524, 2020	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7463809/
2020	Siepmann J, Rades T, Muellertz A , Loftsson T.	Poorly Soluble Drugs	Int J Pharm 577, 119055, 2020	https://pubmed.ncbi.nlm.nih.gov/31958490/

2020	Stillhart C, Vučićević K, Augustijns P, Basit AW, Batchelor H, Flanagan TR, Gesquiere I, Greupink R, Keszthelyi D, Koskinen M, Madla CM, Matthys C, Miljusić G, Mooij MG, Parrott N, Ungell AL, de Wildt SN, Orlu M, Klein S, <u>Müllertz A*</u>	Impact of gastrointestinal physiology on drug absorption in special populations - An UNGAP review	Eur J Pharm Sci., 105280. 2020	https://pubmed.ncbi.nlm.nih.gov/32109493/
2020	Liu J, Hirschberg C, Fanø M, Mu H, <u>Müllertz A*</u>	Evaluation of self-emulsifying drug delivery systems for oral insulin delivery using an in vitro model simulating the intestinal proteolysis	Eur J Pharm Sci. 147, 105272, 2020.	https://pubmed.ncbi.nlm.nih.gov/32084584/
2020	Jørgensen JR, Yu F, Venkatasubramanian R, Nielsen LH, Nielsen HM, Boisen A, Rades T, <u>Müllertz A*</u>	In Vitro, Ex Vivo and In Vivo Evaluation of Microcontainers for Oral Delivery of Insulin	Pharmaceutics. 12(1). 2020	https://orbit.dtu.dk/en/publications/in-vitro-ex-vivo-and-in-vivo-evaluation-of-microcontainers-for-or
2020	Eliassen JN, Berthelsen R, Slot AL, <u>Müllertz A*</u>	Evaluating side-by-side diffusion models for studying drug supersaturation in an absorptive environment	J Pharm Pharmacol. 72(3):371-384. 2020	https://pubmed.ncbi.nlm.nih.gov/31876955/
2020	Plum J, Bavnhøj C, Palmelund H, Pérez-Alós L, <u>Müllertz A*</u> , Rades T.	Comparison of induction methods for supersaturation: pH shift versus solvent shift.	Int J Pharm. 573:118862. 2020	https://pubmed.ncbi.nlm.nih.gov/31759102/
2020	Bannow J, Yorulmaz Y, Löbmann K, <u>Müllertz A</u> , Rades T	Improving the drug load and <i>in vitro</i> performance of supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS) using polymeric precipitation inhibitors.	Int J Pharm 15;575:118960, 2020	https://pubmed.ncbi.nlm.nih.gov/31846728/
2020	B Christensen, NJ Karlsen, SDS Jørgensen, LN Jacobsen, MS Ostenfeld, SV Petersen, A Müllertz, ES Sørensen	Milk osteopontin retains integrin-binding activity after <i>in vitro</i> gastrointestinal transit	J Dairy Sci. 102 (1), 42-51, 2020.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7602804/