

Date	Author(s)	Title	Journal	DOI
07/01/2015	Linquan Ye, Xin Wang, Jing Han, Fan Gao, Lingjia Xu, Zhiliang Xiao, Peiming Bai, Qiuguan Wang, Bo Zhang	Two dimensional separations of human urinary protein digest using a droplet-interfaced platform	Analytica Chimica Acta	10.1016/j.aca.2015.01.006
07/01/2015	Sabrine S. Jensen , Henrik Jensen , Claus Cornett , Eva H. Møller, Jesper Østergaard	Real-time UV imaging identifies the role of pH in insulin dissolution behavior in hydrogel-based subcutaneous tissue surrogate	Eur J Pharm Sci.	10.1016/j.ejps.2014.12.015
02/01/2015	Lavoisier A, Schlaeppi JM	Early developability screen of therapeutic antibody candidates using Taylor dispersion analysis and UV area imaging detection.	MABs	10.4161/19420862.2014.985544
14/11/2014	Laura Hyrup Møller, Jesper Søborg Bahnsen, Hanne Mærck Nielsen, Jesper Østergaard, Stefan Stürup, Bente Gammelgaard	Selenium as an alternative peptide label – comparison to fluorophore-labelled penetratin	Eur J Pharm Sci.	10.1016/j.ejps.2014.11.001
01/11/2014	Jesper Østergaard, Jim Lenke, Sabrine S. Jensen, Yu Sun, and Fengbin Ye	UV Imaging for In Vitro Dissolution and Release Studies: Initial Experiences	Dissolution Technologies	10.14227/dt2014041927
17/08/2014	Jesper Østergaard, Henrik Jensen, Susan W. Larsen, Claus Larsen, Jim Lenke	Microenvironmental pH measurement during sodium naproxenate dissolution in acidic medium by UV/vis imaging	J. Pharm. Bio. Anal.	10.1016/j.jpba.2014.08.014
04/02/2014	Jesper Østergaard, Jian X. Wu, Kaisa Naelapää, Johan P. Boetker, Henrik Jensen and Jukka Rantanen	Simultaneous UV Imaging and Raman Spectroscopy for the Measurement of Solvent-Mediated Phase Transformations During Dissolution Testing	J. Pharm. Sci.	10.1002/jps.23883
06/01/2014	Daniel Bar-Shalom	The Challenge of Automated Compounding	Pediatric Formulations	10.1007/978-1-4899-8011-3_13
30/01/2014	Eveliina Czerniec-Michalik, Kai-Ta Hsieh and Pawel L. Urban	In quest for chemomarkers to classify Taiwanese teas	Anal. Methods	10.1039/C3AY42009G
25/02/2014	Sabrine S. Jensen, Henrik Jensen, Claus Cornett, Eva H. Møller, Jesper Østergaard	Insulin diffusion and self-association characterized by real-time UV imaging and Taylor dispersion analysis	J. Pharm. Bio. Anal.	10.1016/j.jpba.2014.01.022
07/01/2014	Andreas Niederquell, Martin Kuentz	Biorelevant dissolution of poorly soluble weak acids studied by UV imaging reveals ranges of fractal-like kinetics	Int J Pharm.	10.1016/j.ijpharm.2013.12.049
11/12/2013	Mingzhong Li, Ning Qiao, and Ke Wang	Influence of Sodium Lauryl Sulfate and Tween 80 on Carbamazepine–Nicotinamide Co-crystal Solubility and Dissolution Behaviour	Pharmaceutics	10.3390/pharmaceutics5040508
17/09/2013	H.-Y. Huang, T.-J. Lo, Y.-C. Chen, J.-B. Hu and P. L. Urban	Liquid-phase and gas-phase investigation of biomolecules in a single experiment	Anal. Methods	10.1039/C3AY41809H
16/09/2013	Line Hagner Nielsen, Sarah Gordon, Jari Pekka Pajander, Jesper Østergaard, Thomas Rades, Anette Müllertz	Biorelevant characterisation of amorphous furosemide salt exhibits conversion to a furosemide hydrate during dissolution	Int J Pharm.	10.1016/j.ijpharm.2013.08.029
30/08/2013	Annika Sarnesa, Jesper Østergaard, Sabrine Smedegaard Jensen, Jaakko Aaltonen, Jukka Rantanen, Jouni Hirvonen, Leena Peltonen	Dissolution study of nanocrystal powders of a poorly soluble drug by UV imaging and channel flow methods	Eur J Pharm Sci.	10.1016/j.ejps.2013.08.030
13/08/2013	Anne-Laure, Gassner Serge Rudaz and Julie Schappler	Static coatings for the analysis of intact monoclonal antibody drugs by capillary zone electrophoresis	Electrophoresis	10.1002/elps.201300070
07/06/2013	Wendy L. Hulse, Jason Gray, Robert T. Forbes	Evaluating the inter and intra batch variability of protein aggregation behaviour using Taylor dispersion analysis and dynamic light scattering	Int J Pharm.	10.1016/j.ijpharm.2013.05.062
27/04/2013	Mette Høg Gaunå, Thomas Vilhelmsen, Crilles Casper Larsen, Johan Peter Boetker, Jørgen Wittendorf, Jukka Rantanena, Jesper Østergaard,	Real-time in vitro dissolution of 5-aminosalicylic acid from single ethyl cellulose coated extrudates studied by UV imaging	J. Pharm. Bio. Anal.	10.1016/j.jpba.2013.04.028
21/03/2013	David M Goodall and Edmund T Bergström	UV Imaging detection through a silica monolithic column	Online (paratype)	n/a
11/01/2013	Johan P. Boetker, Jukka Rantanen, Thomas Rades, Anette Müllertz, Jesper Østergaard, Henrik Jensen	A New Approach to Dissolution Testing by UV Imaging and Finite Element Simulations	Pharm. Res.	10.1007/s11095-013-0972-0
15/12/2012	Ning Qiao, Ke Wang, Walkiria Schindwein, Angela Davies, Mingzhong Li	In situ monitoring of carbamazepine–nicotinamide co-crystal intrinsic dissolution behaviour	Eur J Pharm Sci.	10.1016/j.ejps.2012.10.005
09/11/2012	Gordon S, Naelapää K, Rantanen J, Salen A, Müllertz A, Østergaard J.	Real-time dissolution behavior of furosemide in biorelevant media as determined by UV imaging.	Pharm Dev Technol.	10.3109/10871700.2012.737808
23/09/2012	Mette Thing, Sabrine Smedegaard Jensen, Claus Larsen, Jesper Østergaard, Susan Weng Larsen	Modification of concomitant drug release from oil vehicles using drug–prodrug combinations to achieve sustained balanced analgesia after joint drug release into hydrogel-based subcutaneous surrogates studied by UV imaging	Int J Pharm.	10.1016/j.ijpharm.2012.09.031
31/07/2012	Fengbin Ye, Susan Weng Larsen, Anan Yaghmur, Henrik Jensen, Claus Larsen, Jesper Østergaard	On-line monitoring system for chemical warfare agents using automated capillary micellar electrokinetic chromatography	J. Pharm. Bio. Anal.	10.1016/j.jpba.2012.07.024
11/06/2012	Victoria VanderNoot, Scott Ferko, James Van De Vreugde, Kamlesh Patel, Joanne Volponi, Kevin Morrissey, Lucille Forrest, James Horton, Brent Haroldsen	A discriminatory intrinsic dissolution study using UV area imaging analysis to gain additional insights into the dissolution behaviour of active	J. Chroma.	10.1016/j.chroma.2012.06.010
21/05/2012	Wendy L. Hulse, Jason Gray, Robert T. Forbes	A discriminatory intrinsic dissolution study using UV area imaging analysis to gain additional insights into the dissolution behaviour of active	Int J Pharm.	10.1016/j.ijpharm.2012.05.023
20/03/2012	Farid Ouakine, Bernard Romestand, David M. Goodall, Gladys Massiera, Laurent Garrelly, and Hervé Cottet	Study of Antibacterial Activity by Capillary Electrophoresis Using Multiple UV Detection Points	Anal. Chem.	10.1021/a300004i
03/03/2012	Jari Pajander, Stefania Baldursdottir, Jukka Rantanen, Jesper Østergaard	Behaviour of HPMC compacts investigated using UV-imaging	Int J Pharm.	10.1016/j.ijpharm.2012.02.034
23/02/2012	Fengbin Ye, Susan Weng Larsen, Anan Yaghmur, Henrik Jensen, Claus Larsen, Jesper Østergaard	Real-time UV imaging of piroxicam diffusion and distribution from oil solutions into gels mimicking the subcutaneous matrix	Eur J Pharm Sci.	10.1016/j.ejps.2012.02.011
20/02/2012	Joseph Chamieh, Farid Ouakine, Hervé Cottet	Taylor dispersion analysis with two detection points on a commercial capillary electrophoresis apparatus	J. Chroma.	10.1016/j.chroma.2012.02.049
07/12/2011	Xin Hai, Bao-feng Yang and Ann Van Schepdael	Recent developments and applications of EMMA in enzymatic and derivatization reactions	Electrophoresis	10.1002/elps.201100366
09/12/2011	Mette Thing , Claus Larsen , Jesper Østergaard , Henrik Jensen , Susan Weng Larsen	In vitro release from oil injectables for intra-articular administration: Importance of interfacial area, diffusivity and partitioning	Eur J Pharm Sci.	10.1016/j.ejps.2011.11.006
06/12/2011	Fengbin Ye, Henrik Jensen, Susan W. Larsen, Anan Yaghmur, Claus Larsen, Jesper Østergaard	Measurement of drug diffusivities in pharmaceutical solvents using Taylor dispersion analysis	J. Pharm. Bio. Anal.	10.1016/j.jpba.2011.11.030
28/09/2011	Andrea Hawe, Wendy L. Hulse, Wim Jiskoot, and Robert T. Forbes	Taylor Dispersion Analysis Compared to Dynamic Light Scattering for the Size Analysis of Therapeutic Peptides and Proteins and Their Aggregates	Pharm. Res.	10.1007/s11095-011-0460-3
15/09/2011	Hulse W, Forbes R.	A Taylor dispersion analysis method for the sizing of therapeutic proteins and their aggregates using nanolitre sample quantities.	Int. J. Pharm.	10.1016/j.ijpharm.2011.06.045
01/08/2011	Boetker JP, Savolainen M, Koradi V, Tian F, Rades T, Müllertz A, Cornett C, Rantanen J, Østergaard J.	Insights into the Early Dissolution Events of Amlodipine Using UV Imaging and Raman Spectroscopy	Mol. Pharm.	10.1021/ml200205a
22/07/2011	S. Matosevic, G.J. Lye, F. Baganz	Immobilised enzyme microreactor for screening of multi-step biocoersions: Characterisation of a de novo transketolase- ω -transaminase pathway	J. Biotech.	10.1016/j.biotech.2011.07.017
02/06/2011	Johan P. Boetke, Marja Savolainen, Vishal Koradi, Fang Tia, Thomas Rades, Anette Müllertz, Claus Cornett, Jukka Rantanen, and Jesper Østergaard	Insights into the Early Dissolution Events of Amlodipine Using UV Imaging and Raman Spectroscopy	Mol. Pharm.	10.1021/ml200205a
27/04/2011	Fengbin Ye, Anan Yaghmur, Henrik Jensen, Susan W. Larsen, Claus Larsen, Jesper Østergaard	Real-time UV imaging of drug diffusion and release from Pluronic F127 hydrogels	Eur J Pharm Sci.	10.1016/j.ejps.2011.04.015
25/03/2011	Wendy L. Hulse, Robert T. Forbes	A nanolitre method to determine the hydrodynamic radius of proteins and small molecules by Taylor dispersion analysis	Int. J. Pharm.	10.1016/j.ijpharm.2011.03.040
08/03/2011	Jesper Østergaard, Fengbin Ye, Jukka Rantanen, Anan Yaghmur, Susan Weng Larsen, Claus Larsen and Henrik Jensen	Monitoring lidocaine single-crystal dissolution by ultraviolet imaging	J. Pharm. Sci.	10.1002/jps.22532
01/03/2011	Oukacine F, Garrelly L, Romestand B, Goodall DM, Zou T, Cottet H	Focusing and mobilization of bacteria in capillary electrophoresis.	Anal. Chem.	10.1021/a1021815
01/03/2011	Ulrik Franzen, Charlotte Vermehren, Henrik Jensen and Jesper Østergaard	Physicochemical characterization of a PEGylated liposomal drug formulation using capillary electrophoresis	Electrophoresis	10.1002/elps.201000552
18/02/2011	Lenke, J	Two Dimensional orthogonal imaging of laminar fluid flow across API surface: Insight into dosage concentration inside GI Lumen and permeability	ECPS 2011	n/a
01/02/2011	Wren S, Lenke J	Pharmaceutical Dissolution and UV Imaging	American Laboratory	n/a
27/12/2010	Ulrik Franzen, Charlotte Vermehren, Henrik Jensen, Jesper Østergaard	Physicochemical characterization of a PEGylated liposomal drug formulation using capillary electrophoresis	Electrophoresis	10.1002/elps.201000552
27/12/2010	Østergaard J, Meng-Lund E, Larsen SW, Larsen C, Petersson K, Lenke J, Jensen H.	Real-time UV imaging of nicotine release from transdermal patch.	Pharm. Res.	10.1007/s11095-010-0257-9
01/12/2010	David M. Goodall, Ed Bergström and Mats Surve	Separation, size and charge determination of small molecules using CE in combination with UV area imaging	Chromatography today	n/a
21/10/2010	Matthias C. Jecklin, Stefan Schmid, Pawel L. Urban, Andrea Amantonico and Renato Zenobi	Miniature flowing atmospheric-pressure afterglow ion source for facile interfacing of CE with MS	Electrophoresis	10.1002/elps.201000350
29/09/2010	Aline Staub, Sylvain Comte, Serge Rudaz, Jean-Luc Veuthey, and Julie Schappler	Use of organic solvent to prevent protein adsorption in CE-MS experiments	Electrophoresis	10.1002/elps.201000245
03/09/2010	Aline Staub, Serge Rudaz, Jean-Luc Veuthey, Julie Schappler	Multiple injection technique for the determination and quantitation of insulin formulations by capillary electrophoresis and time-of-flight mass	J. Chroma.	10.1016/j.chroma.2010.08.076
23/09/2009	Jesper Østergaard and Henrik Jensen	Simultaneous Evaluation of Ligand Binding Properties and Protein Size by Electrophoresis and Taylor Dispersion in Capillaries	Anal. Chem.	10.1021/a901919x
27/05/2009	Andrea Amantonico, Pawel L. Urban and Renato Zenobi	Facile analysis of metabolites by capillary electrophoresis coupled to matrix-assisted laser desorption/ionization mass spectrometry using target	Analyst	10.1039/b907019g
03/10/2008	Pawel L. Urban, David M Goodall, Alexandre Z Carvalho Edmund T. Bergström, Ann Van Schepdael, Neil C. Bruce	Multi-compound electrophoretic assays for tyramine oxidase with a UV area detector imaging multiple windows on a looped capillary	J. Chroma	10.1016/j.chroma.2008.06.003
31/08/2007	Pawel L. Urban, David M Goodall, Edmund T. Bergström, Neil C. Bruce	Electrophoretically mediated microanalysis of a nicotinamide adenine dinucleotide-dependent enzyme and its facile multiplexing using an active pixel	J. Chroma	10.1016/j.chroma.2007.04.071
23/08/2007	Pawel L. Urban, Edmund T. Bergström, David M. Goodall, Sreedevi Narayanaswamy, Neil C. Bruce	Electrophoretic method for assessment of substrate promiscuity of a heterologous biocatalyst using an area imaging ultraviolet detector	Analyst	10.1039/b710495h
03/05/2007	Pawel L. Urban, David M Goodall, Edmund T. Bergström, Neil C. Bruce	Electrophoretic assay for penicillinase: Substrate specificity screening by parallel CE with an active pixel sensor	Electrophoresis	10.1002/elps.200600626