Last Name	First Name	Primary E-mail Address	Keywords	
Agrawal	Anjali	anjali_50@yahoo.com;anjali.agrawal@bms.com		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Artificial intelligence	
			Colonic drug delivery	
			Content uniformity	
			Continuous processing	
			Controlled release	
			Drug delivery system(s)	
			Extrusion	
			Formulation	
			Gastroretentive drug delivery system(s)	
Akanuma	Shin-ichi	akanumas@pha.u-toyama.ac.jp		
			Blood flow Blood-Retinal Barrier (BRB)	
			Blood-Brain Barrier (BBB)	
			Blood-Cerebrospinal Fluid Barrier (Blood-CSF barrier)	
			Organic Anion Transporter(s) (OAT)	
			Organic Anion-Transporting Polypeptide(s) (OATP)	
			Organic Cation Transporter(s) (OCT)	
			P-glycoprotein (P-gp)	
			Tight junction(s)	
			Transport	
			Transporter(s)	
Akita	Hidetaka	hidetaka.akita.a4@tohoku.ac.jp		
			Lipid Nanoparticle(s) (LNP)	
			Lipid-based formulation(s)	
			Lipoplex(s)	
			Liposome(s)	
			Nanomedicine	
			Nanoparticle(s)	
Alavattam	Sreedhara	sreedhaa@gene.com		
			Formulation	
			Monoclonal antibody(s)	
			Protein aggregation	
			Protein delivery	
			Protein formulation(s)	
Alvarez-Lorenzo	Carmen	carmen.alvarez.lorenzo@usc.es		
			Biomaterial(s)	
			Biomimetic(s)	
			Contact lense(s)	
			Controlled release	
			Self-association	
			Wound healing	
Alvarez-Nunez	Fernando	faalvare@amgen.com		
			Developability	
			Machine Learning	
			Materials science	
			Particle size	
			Partition coefficient(s)	
			Pediatric	
			Permeability	
			pH	
Amidon	Gregory	geamidon@umich.edu		
			Granulation	
			Log P	
			Materials science	
			Mechanical properties	
			Nanotechnology	
			Poorly water-soluable drugs	
			Solid State	
			Solid dispersion	
			Solid dosage form	
			Solubility	
			Surface chemistry	
			Compaction	
			Dissolution	
			Formulation	
			Mechanical properties	
			Solid dosage form	
			tableting	
Last Name	**First Name**	**Email Address**	**Keywords**	
An	Guohua	guohua-an@uiowa.edu	ADME	
			Cancer chemotherapy	
			In vitro/in vivo correlations (IVIVC)	
			Interspecies scaling	
			LC-MS	

			Multidrug resistance	
			Pharmacokinetic/pharmacodynamic models	
			Pharmacokinetics/pharmacodynamics	
			Population pharmacokinetics	
			Transporters	
			membrane transporter	
			oncology; drug metabolism	
Anchordoquy	Thomas	tom.anchordoquy@cuanschutz.edu	Amorphous	
			DNA delivery	
			liposomes	
			lyophilization	
			Macromolecular drug delivery	
			Non-viral gene delivery	
			Oligonucleotides	
			Phospholipids	
			Physical stability	
			Plasmid DNA	
			Solid state stability	
			Stability	
			Stabilization	
Annaert	Pieter	pieter.annaert@kuleuven.be		
			Bioanalysis	
			Clinical pharmacokinetics	
			Hepatocyte(s)	
			Nonlinear pharmacokinetics	
			Physiologically Based Pharmacokinetic (PBPK) modeling	
			Population pharmacokinetics	
			Preclinical pharmacokinetics	
			Toxicity	
			Translational pharmacokinetics	
			Transporter(s)	
Arnold	Robert D	rda0007@auburn.edu	Bioanalysis	
			Biopharmaceutics	
			Cancer	
			Cancer chemotherapy	
			Drug Delivery	
			Drug delivery systems	
Artursson	Per	per.artursson@farmaci.uu.se	ABC transporters	
			Active transport	
			ADME	
			Caco-2 cells	
			Intestinal absorption	
			MDCK cells	
			Mucosal drug delivery	
			Permeability	
			QSPR	
Ashford	Marianne	marianne.ashford@astrazeneca.com		
			Biopharmaceutical characterization	
			Dendrimer(s)	
			Drug delivery system(s)	
			Nanoparticle(s)	
			Nanotechnology	
Augustijns	Patrick	patrick.augustijns@kuleuven.be		
			Absorption	
			Biopharmaceutical characterization	
			Biopharmaceutics classification system (BCS)	
			Cell culture	
			Disposition	
			Dissolution model(s)	
			Intestinal absorption	
			Keywords beginning with Letter A	
Aungst	Bruce J.	aungst.auc@gmail.com	Absorption	
			Drug transport	
			Efflux pumps	
			Epithelial delivery/permeability	
			Formulation vehicle	
			Gastrointestinal	
Last Name	**First Name**	**Email Address**	**Keywords**	
Ayala	Alejandro Pedro	ayala@fisica.ufc.br	Co-crystals	
			Crystal engineering	
			Crystal growth	
			Crystal polymorphism	
			Crystallography	
			Infrared spectroscopy	
			Materials science	
			Near-infrared spectroscopy	

			Physicochemical properties	
			Polymorphism	
			Pseudopolymorphism	
			Raman spectroscopy	
			Solid state	
			Thermal analysis	
			X-ray powder diffractometry	
Baertschi	Steven	swbaertschi@aol.com		
			410 Photodegradation	
			Analytical chemistry	
			Chemical stability	
			Photolysis	
			Stability	
			Structure	
Bai	Jane	jane.bai@fda.hhs.gov	Apoptosis	
			Biopharmaceutics classification system (BCS)	
			Computational biology	
			Disease effects	
			Drug effects	
			Drug transport	
			Epithelial	
			Genetic polymorphisms	
			Genomics	
			Mathematical model	
Bak	Annette	annette.bak@astrazeneca.com		
			Developability	
			Gene therapy	
			Oligonucleotide(s)	
			Peptide delivery	
			Polymeric drug delivery system(s)	
Balthasar	Joseph	jb@buffalo.edu	Cancer chemotherapy	
			Drug targeting	
			monoclonal antibodies	
			Pharamcokinetics	
			Pharmacodynamics	
			Pharmacokinetics/pharmacodynamics	
			Physiological model	
			Preclinical pharmacokinetics	
Bann	James G.	Jim.Bann@wichita.edu		
			Biopharmaceutical characterization	
			Biophysical model(s)	
			Protein aggregation	
			Protein binding	
			Protein folding	
			Protein refolding	
			Protein structure(s)	
			Vaccine adjuvants	
			Vaccine delivery	
			Vaccine(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Bansal	Arvind	akbansal@niper.ac.in		
			Co-crystal(s)	
			Compaction	
			Crystal defect(s)	
			Crystallization	
			Particle size	
			Poorly water-soluble drug(s)	
			Preformulation	
			Solid dispersion(s)	
			Solid-state	
			Solubility	
Bee	Jared S.	jaredsbee@gmail.com		
			Adeno-associated virus (AAV)	
			Analytical ultra-centrifugation	
			Monoclonal antibody(s)	
			Protein aggregation	
			Protein delivery	
			Protein formulation(s)	
Bergstrom	Christel	christel.bergstrom@farmaci.uu.se		
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Formulation	
			Lipid-based formulation(s)	
			Preformulation	
			Solubility	
Berkland	Cory	berkland@ku.edu		
			Biomaterial(s)	

			Drug delivery system(s)	
			Polymeric biomaterial(s)	
			Polymeric drug delivery system(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Bhambhani	Akhilesh	akhilesh_bhambhani@merck.com		
			Biopharmaceutical characterization	
			Freeze-drying	
			Gene therapy	
			Individualized drug therapy	
			Lyophilization	
			Monoclonal antibody(s)	
			Spray freeze-drying	
			Vaccine adjuvants	
			Vaccine delivery	
			Vaccine(s)	
Blaber	Michael	Michael.blaber@med.fsu.edu	Biotechnology	
			Calorimetry (DSC)	
			Crystallography	
			Protein folding/refolding	
			Proteins	
			Pegylation	
			Protein structure	
			Physical stability	
			Protease	
			Protein aggregation	
Blue	Jeffrey	jeff_blue@merck.com	Aluminium hydroxide	
			Apoptosis	
			Formulation	
			Freeze drying/lyophilization	
			Freeze-drying	
			Lyophilization	
			Protein formulation	
			Spray freeze-drying	
			Stability	
			Vaccine adjuvants	
Last Name	**First Name**	**Email Address**	**Keywords**	
Boateng	Joshua	J.S.Boateng@greenwich.ac.uk;joshboat40@gmail.com		
			Drug delivery system(s)	
			Formulation	
			Freeze-drying	
			Polymeric drug carrier(s)	
			Polymeric drug delivery system(s)	
			Preformulation	
Bogner	Robin	robin.bogner@uconn.edu		
			Freeze-drying	
			Lyophilization	
			Physical stability	
			Protein formulation(s)	
			Solid-state stability	
Boyd	Ben	ben.boyd@monash.edu	Colloid	
			Colloid science	
			Lipids	
			Nanoparticles	
			Oral absorption	
			Oral drug delivery	
			Surfactants	
Brodin	Birger	birger.brodin@sund.ku.dk		
			Blood-Brain Barrier (BBB)	
			Central Nervous System (CNS)	
			Endothelial	
			Epithelial (drug) delivery	
			Multidrug Resistance-associated protein(s) (MDR) Multiparticulate(s)	
Buckner	Ira Shea	buckneri@duq.edu		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Compaction	
			Compression	
			Mechanical activation	
			Mechanical properties	
			Tableting	
			Thermodynamics	
Butler	James	james.m.butler@gsk.com		
			Bioavailability	
			Bioequivalence	
			Biopharmaceutics classification system (BCS)	

			Dissolution	
			Dissolution rate(s)	
			Oral absorption	
			Oral drug delivery	
Caira	Mino	Mino.Caira@uct.ac.za		
			Co-crystal(s)	
			Crystal engineering	
			Crystal structure(s)	
			Cyclodextrin(s)	
			Polymorph(s)	
			Poorly water-soluble drug(s)	
			Preformulation	
			Solvate(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Cao	Shawn	scao@amgen.com		
			Analytical biochemistry	
			Excipient(s)	
			Formulation	
			Protein aggregation	
			Stability	
Caramella	Carla	carla.caramella@unipv.it	dissolution and bioavailability	
			hydrophilic matrix tablets	
			hydrophilic polymer characterization	
			in vivo- in vitro correlation	
			Micromeritics	
			mucoadhesion and mucoadhesive systems	
			pharmaceutics/biopharmaceutics	
			rheology of semisolids	
			transmucosal delivery	
Chadwick	Jennifer S.	jchadwick@bioanalytixinc.com		
			Adeno-associated virus (AAV)	
			Analytical chemistry	
			Antibody Drug Conjugate(s) (ADC)	
			Biopharmaceutical characterization	
			Enzyme(s)	
			Nuclear Magnetic Resonance (NMR) spectroscopy	
			Physical stability	
			Protein formulation(s)	
			Protein structure(s)	
			Protein(s)	
Chattoraj	Sayantan	chat0098@gmail.com	Amorphous	
			Calorimetry (DSC)	
			Co-crystals	
			Compaction	
			Crystal engineering	
			Degree of crystallinity	
			Formulation	
			Glass transition	
			Materials Science	
			Physical Pharmacy	
			Powder technology	
			Quality by design (QBD)	
			X-ray powder diffractometry	
Chaudhuri	Bodhisattwa	bodhi.chaudhuri@uconn.edu		
			Aerosol(s)	
			In silico modeling	
			Mechanistic modeling	
			Molecular modeling	
			Powder technology(s)	
			Printing (3D)	
Chen	Xiaodong	xic207@gmail.com		
			380 Spray drying	
			Lyophilization	
			Mechanistic modeling	
			Preformulation	
			Protein formulation(s)	
Cheng	Wei	chengwe@umich.edu	Analytical ultra-centrifugation	
			Enzyme kinetics	
			Enzymology	
			Fluorescence spectroscopy	
			HIV/AIDS	
			Kinetics	
			Protein aggregation	
			Protein binding	
			protein stability	
Chiang	Po-Chang	Chiang.pochang@gene.com		

			Absorption	
			Absorption enhancer(s)	
			Absorption potential	
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			GastroPlus modeling	
			In silico modeling	
			Oral absorption	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Physiologically Based Pharmacokinetic (PBPK) modeling	
			Preformulation	
Christie	Merry	merry.christie@fda.hhs.gov	Immune response	
			Microparticles	
			Nanoparticles	
			Particle size	
			Proteins	
Last Name	**First Name**	**Email Address**	**Keywords**	
Coker	Adeola	grillo@uiwtx.edu;adeolagrillo@hotmail.com		
			Keywords beginning with Letter P	
			Multivariate analysis	
			Protein aggregation	
			Protein binding	
			Protein delivery	
			Protein formulation(s)	
			Protein(s)	
Craig	Duncan	duncan.craig@ucl.ac.uk		
			Nanocapsule(s)	
			Nanocomposition(s)	
			Nanodrug(s)	
			Nanomedicine	
			Nanotechnology	
Das	Sudip	sdas@butler.edu		
			Blood-Brain Barrier (BBB)	
			Cancer	
			Controlled release	
			Drug delivery system(s)	
			Gene delivery	
			Microencapsulation	
			Micro-RNA (miRNA)	
			Nanotechnology	
			Non-viral gene delivery	
Das	Tapan K.	dtapan1@yahoo.com;tapan.das@bms.com		
			Adeno-associated virus (AAV)	
			Antibody Drug Conjugate(s) (ADC)	
			Antibody(s)	
			Biopharmaceutical characterization	
			Glycosylation	
			Oxidation(s)	
			Protein aggregation	
			Protein folding	
			Protein formulation(s)	
			Raman spectroscopy	
Dave	Rutesh Hemant	rutesh.dave@liu.edu		
			Coating	
			Compression	
			Formulation	
			Tablet(s)	
			Tableting	
Dave	Vivek S.	viveksdave@gmail.com	Compaction	
			Compression	
			Controlled release	
			Dissolution	
			Dissolution rate	
			Drug delivery systems	
			Excipients	
			Formulation	
			Granulation	
De Silva	Rukman	rukman.desilva@fda.hhs.gov		
			Particle size	
			Process analytical technology (PAT)	
			Protein aggregation	
			Protein structure(s)	
			Protein(s)	
			Regulatory science	

De Villiers	Melgardt M.	melgardt.devilliers@wisc.edu		
			Crystallization	
			Nanotechnology	
			Polymorph(s)	
			Pseudopolymorph(s)	
			Pseudopolymorphism	
Deguchi	Yoshiharu	deguchi@pharm.teikyo-u.ac.jp		
			Blood-Brain Barrier (BBB)	
			Blood-Cerebrospinal Fluid Barrier (Blood-CSF barrier)	
			Organic Cation Transporter(s) (OCT)	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Preclinical pharmacokinetics	
			Transporter(s)	
Denora	Nunzio	nunzio.denora@uniba.it		
			Controlled delivery	
			Cyclodextrin(s)	
			Drug delivery system(s)	
			Lipid Nanoparticle(s) (LNP)	
			Mucosal delivery	
			Mucosal drug delivery	
			Nanoparticle(s)	
			Oral drug delivery	
			Site-specific delivery	
			Targeted drug delivery	
Last Name	**First Name**	**Email Address**	**Keywords**	
DePaz	Roberto	robertoadepaz@gmail.com		
			Adeno-associated virus (AAV)	
			Lyophilization	
			Protein aggregation	
			Protein formulation(s)	
			Stability	
DiNunzio	James	james.dinunzio@merck.com	Amorphous	
			Bioavailability	
			Coating	
			Compression	
			Controlled release	
			Dissolution	
			Extrusion	
			Fluid-bed	
			Glass transition	
Dressman	Jennifer	dressman@em.uni-frankfurt.de		
			Biopharmaceutics classification system (BCS)	
			Dissolution	
			Dissolution rate(s)	
			Formulation	
			Oral absorption	
			Preformulation	
			Translational pharmacokinetics	
Dufés	Christine	c.dufes@strath.ac.uk		
			Blood-Brain Barrier (BBB)	
			Cancer chemotherapy	
			Dendrimer(s)	
			Gene therapy	
			Gene vector(s)	
			Lipid Nanoparticle(s) (LNP)	
			Nanomedicine	
			Non-viral gene delivery	
Ehrhardt	Carsten	ehrhardc@tcd.ie		
			ABC transporter(s)	
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Aerosol(s)	
			Lung drug delivery	
			Lung metabolism	
			Pulmonary drug delivery	
Elder	David	davidelder2110@gmail.com		
			Keywords beginning with Letter E	
			Keywords beginning with Letter I	
			Keywords beginning with Letter M	
			Keywords beginning with Letter P	
			Keywords beginning with Letter Q	
			Keywords beginning with Letter R	
			Keywords beginning with Letter S	
			Keywords beginning with Letter T	

Last Name	First Name	Email Address	Keywords	
Esfandiary	Reza	reza.esfandiary@astrazeneca.com		
			Biopharmaceutical characterization	
			Computer-aided drug design	
			Developability	
			Formulation	
			High concentration	
			In silico modeling	
			Injectable(s)	
			Interaction(s)	
			Lyophilization	
			Monoclonal antibody(s)	
Etzler	Frank	fetzler@lecom.edu	Calorimetry (DSC)	
			Colloid	
			Compaction	
			Contact angles	
			Formulation	
			Materials science	
			Particle size	
			Physical characterization	
			Physicochemical properties	
			Porosity	
			Powder technology	
			Pulmonary drug delivery	
			Quality by design (QBD)	
			Surface chemistry	
Fissore	Davide	davide.fissore@polito.it		
			Freeze-drying	
			Lyophilization	
			Nanoparticle(s)	
			Process analytical technology (PAT)	
			Processing	
Foged	Camilla	camilla.foged@sund.ku.dk		
			Messenger ribonucleic acid(mRNA)	
			Nanomedicine	
			Vaccine adjuvants	
			Vaccine delivery	
			Vaccine(s)	
Foppoli	Anastasia	anastasia.foppoli@unimi.it	Dissolution rate	
			Thermal analysis	
			Solid state stability	
			Psuedopolymorphism	
			Polymorphism	
			Excipients	
Friess	Wolfgang	wolfgang.friess@lrz.uni-muenchen.de		
			Freeze-drying	
			Process analytical technology (PAT)	
			Protein aggregation	
			Protein delivery	
			Protein formulation(s)	
Fujiwara	Ryoichi	rfujiwara@neomed.edu		
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			First-pass metabolism	
			Genetic polymorphism(s)	
			Hepatic metabolism	
			Intestinal metabolism	
			Metabolism	
			Phase I metabolism	
			Phase II metabolism	
			Single nucleotide polymorphism (SNP)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Gamble	John	john.gamble@bms.com		
			430 Physical characterization	
			Image analysis	
			Particle size	
			Powder technology(s)	
			Processing	
Giuseppina	Sandri	giuseppina.sandri@unipv.it	Needs Keywords	
Goldfarb	David J.	david.goldfarb@merck.com	compression	
			Encapsulation	
			fluid-bed	

			formulation	
			granulation	
			Mechanical properties	
			particle size	
			Powder technology	
			rheology	
			Semi-solids	
Gonda	Igor	igorgonda@aol.com		
			Aerosol(s)	
			Inhalation	
			Lung drug delivery	
			Lung metabolism	
			Regulatory science	
Gordon	Sarah	S.C.Gordon@bham.ac.uk		
			Antiinfective(s)	
			Drug delivery system(s)	
			Lipid-based formulation(s)	
			Nanoparticle(s)	
			Vaccine(s)	
Goss	Monica	monicap@amgen.com		
			Antibody drug(s)	
			Formulation	
			Monoclonal antibody(s)	
			Protein aggregation	
			Protein formulation(s)	
			Viscosity	
Green	Henrik	henrik.green@liu.se		
			Cancer chemotherapy	
			Mass Spectrometry (MS)	
			Metabolism	
			Pharmacogenetics	
			Pharmacogenomics	
			Toxicology	
Guy	Richard	r.h.guy@bath.ac.uk		
			Bioavailability	
			Bioequivalence	
			Raman spectroscopy	
			Skin	
			Transdermal	
Harris	David	david.harris@merck.com		
			Controlled release	
			Food interaction(s)	
			Formulation	
			Mucosal drug delivery	
			Osmotic pump(s)	
			Pediatric	
			Semi-solid(s)	
Hauss	David J.	david.hauss@regeneron.com	Absorption	
			Absorption enhancer	
			Absorption potential	
			Bioavailability	
			Biopharmaceutics	
			Biotechnology	
			Controlled delivery	
			Controlled release	
			Drug Delivery	
			Drug delivery systems	
			Gene delivery	
			Lipids	
Hayes	David B.	david.hayes@sednterp.org;dhayes@bioanalysisllc.com		
			Adeno-associated virus (AAV)	
			Adenoviral vectors	
			Analytical ultra-centrifugation	
			Antibody Drug Conjugate(s) (ADC)	
			Antibody(s)	
			Biopharmaceutical characterization	
			Protein aggregation	
			Protein binding	
			Protein formulation(s)	
			Protein structure(s)	
Haynes Raines	Amber	afradkin@kbibiopharma.com	Particle size	
			Protein aggregation	
			Standards (or drug standards)	
			Proteins	
			Raman spectroscopy	
			Biotechnology	

			Liquid chromatography	
			Protein formulation	
He	Xiaorong X.	xiaorong.he@boehringer-ingelheim.com		
			Adeno-associated virus (AAV)	
			Crystallization	
			Drug delivery system(s)	
			Gene therapy	
			In silico modeling	
			Lipid-based formulation(s)	
			Mechanistic modeling	
			Nanotechnology	
			Targeted drug delivery	
He	Yan	yan.he2@sanofi.com		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Cyclodextrin(s)	
			Developability	
			Nanomilling	
			Poorly water-soluble drug(s)	
			Precipitation	
			Preformulation	
			Salts	
			Solubilization	
Heng	Paul W.S.	phapaulh@nus.edu.sg		
			Extrusion	
			Granulation	
			Spheronization	
			Tablet(s)	
			Tableting	
Last Name	**First Name**	**Email Address**	**Keywords**	
Hickey	Anthony J.	ahickey@rti.org		
			Aerosol(s)	
			Formulation	
			Inhalation	
			Nasal drug delivery	
			Pulmonary	
Higaki	Kazutaka	higaki@okayama-u.ac.jp		
			Absorption	
			Absorption enhancer(s)	
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Formulation	
			Intestinal absorption	
			Lipid-based formulation(s)	
			Oral absorption	
			Preclinical pharmacokinetics	
Holm	Rene	mrreneholm@hotmail.com		
			Active transport	
			Bioavailability	
			Biopharmaceutics classification system (BCS)	
			Buccal delivery	
			Cyclodextrin(s)	
			Developability	
Hook	Sarah	sarah.hook@otago.ac.nz		
			Cancer chemotherapy	
			Liposome(s)	
			Vaccine adjuvants	
			Vaccine delivery	
			Vaccine(s)	
Hosoya	Ken-ichi	hosoyak@pha.u-toyama.ac.jp	barrier transport	
			Blood-brain barrier	
			blood-ocular barrier	
			efflux transport	
			ocular drug delivery	
			transporter	
Last Name	**First Name**	**Email Address**	**Keywords**	
Hussain	Munir A.	Hussaima@aol.com		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Chemical stability	
			Drug delivery system(s)	
			Formulation	

			Keywords beginning with Letter C	
			Keywords beginning with Letter P	
			Nasal drug delivery	
			Physical stability	
			Preformulation	
Inoue	Katsuhisa	kinoue@toyaku.ac.jp		
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Epithelial permeability	
			Facilitated diffusion	
			Food interaction(s)	
			Gastrointestinal	
			High throughput technology(s)	
			Keywords beginning with Letter T	
			Membrane transporter(s)	
			Mucosal drug delivery	
			Solute Carrier (SLC) transporter(s)	
Ishida	Tatsuhiro	ishida@tokushima-u.ac.jp		
			Cancer chemotherapy	
			Controlled delivery	
			Drug delivery system(s)	
			Gene delivery	
			Liposome(s)	
			Polyethylene glycol (PEG)	
			Targeted drug delivery	
Ishii-Watabe	Akiko	watabe@nihs.go.jp		
			Antibody Drug Conjugate(s) (ADC)	
			Antibody drug(s)	
			Bioanalysis	
			Biosimilar(s)	
			IgG antibody(s)	
			Immunogenicity	
			Monoclonal antibody(s)	
			Peptide(s)	
			Protein(s)	
			Quality by design (QBD)	
Ito	Kousei	itokousei@chiba-u.jp		
			ABC transporter(s)	
			Bile acid transporter(s)	
			Biliary excretion	
			Efflux pump(s)	
			Toxicity	
			Toxicology	
Ito	Shingo	ishingo@kumamoto-u.ac.jp		
			Absorption	
			Absorption enhancer(s)	
			Alzheimerâ€™s disease	
			ATP-Binding Cassette (ABC) transporter(s)	
			Blood-Brain Barrier (BBB)	
			Drug delivery system(s)	
			Membrane transport	
			Pharmacoproteomics	
			Solute Carrier (SLC) transporter(s)	
			Transporter(s)	
Iwao	Yasunori	yasuiwao@u-shizuoka-ken.ac.jp		
			Formulation	
			Formulation vehicle	
			Lipid-based formulation(s)	
			Oral drug delivery	
			Skin	
Izutsu	Ken-ichi	izutsu@nihs.go.jp		
			Bioequivalence	
			Formulation	
			Freeze-drying	
			Protein formulation(s)	
			Regulatory science	
Johnson	Kevin C.	kjohnson29@snet.net	Absorption	
			absorption rate constant	
			dissolution, content uniformity, computer simulation	
			GITS	
			Modelling	
			nifedipine	
			Pharmacokinetics	
			Precipitation	
			simulation	
			water absorption	

Jones Braun	LaToya	lbraun001@regis.edu	2-dimensional gel electrophoresis	
			Formulation	
			Physical stability	
			Preformulation	
			Protein aggregation	
			Protein formulation	
			Surfactants	
			Vaccine adjuvants	
			Vaccine delivery	
			Vaccines	
Jones	David Simon	d.jones@qub.ac.uk	Biomaterials	
			Extrusion	
			Gels	
			Hydrogels	
			Materials science	
			Polymers	
			Relaxation time	
			Semi-solids	
			Thermal analysis	
			Viscosity	
Joubert	Marisa K.	mjoubert@amgen.com		
			Analytical biochemistry	
			Antibody drug(s)	
			Biopharmaceutical characterization	
			Immunogenicity	
			Protein aggregation	
Kasting	Gerald	Gerald.Kasting@uc.edu		
			Mathematical model(s)	
			Mechanistic modeling	
			Membrane transport	
			Partition coefficient(s)	
			Permeability	
			Permeability coefficient(s)	
			Physicochemical properties	
			Skin	
Kato	Yukio	ykato@p.kanazawa-u.ac.jp		
			ABC transporter(s)	
			ATP-Binding Cassette (ABC) transporter(s)	
			Membrane transporter(s)	
			Organic Anion Transporter(s) (OAT)	
			Organic Cation Transporter(s) (OCT)	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Physiologically Based Pharmacokinetic (PBPK) modeling	
			Transporter(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Kerwin	Bruce A.	bruce.kerwin@just.bio;bruce.kerwin@gmail.com		
			Analytical biochemistry	
			Biopharmaceutical characterization	
			Biophysical model(s)	
			Monoclonal antibody(s)	
			Protein aggregation	
			Protein delivery	
			Protein folding	
			Protein formulation(s)	
			Protein refolding	
			Protein structure(s)	
Khan	Tarik	tarik.khan@roche.com		
			Formulation	
			High concentration	
			Immunogenicity	
			Protein aggregation	
			Surfactant(s)	
Khutoryanskiy	Vitaliy	v.khutoryanskiy@reading.ac.uk		
			Buccal delivery	
			Mucosal delivery	
			Mucosal drug delivery	
			Nasal drug delivery	
			Ophthalmic drug delivery	
			Polymer(s)	
Klein	Sandra	sandra.klein@uni-greifswald.de	Bioavailability	
			Complexation	
			Cyclodextrins	
			Dissolution	
			Dissolution Testing	
			Dissolution rate	
			Gastrointestinal transit	

			Geriatric	
			Oral and vaginal MR formulations	
			Pediatric	
			Precipitation	
			Preformulation	
			Solid dispersion	
			Solubility	
			Supersaturation	
			solubility enhancement	
Kleinebudde	Peter	kleinebudde@hhu.de		
			Coating	
			Compaction	
			Continuous processing	
			Extrusion	
			Factorial design	
			Granulation	
			Residence time(s)	
			Solid dosage form(s)	
			Spheronization	
			Tableting	
Knipp	Gregory T.	gknipp@purdue.edu		
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Active transport	
			Blood-Brain Barrier (BBB)	
			Caco-2 cells	
			Cell culture	
			Cell line(s)	
			Toxicity	
			Toxicology	
			Transporter(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Kobayashi	Kaoru	kaoruk@my-pharm.ac.jp		
			Cytochrome P450 (CYP)	
			Human Liver Microsomes	
			Induction	
			Intestinal metabolism	
			Pharmacogenetics	
Koe	Janet G.	janetkoe@jgijcmc.com	Biotechnology	
			Lipoplexes	
			Liposomes	
			Non-viral gene delivery	
			Physical characterization	
			Physical stability	
			Physicochemical properties	
			Plasmid DNA	
			Stability	
			Targeted drug delivery	
Krause	Mary	mary.krause@bms.com		
			Antibody Drug Conjugate(s) (ADC)	
			Antibody drug(s)	
			Antibody(s)	
			Conjugate(s)	
			Formulation	
			Monoclonal antibody(s)	
			Protein aggregation	
			Protein formulation(s)	
			Protein structure(s)	
			Protein(s)	
Kubo	Yoshiyuki	kubo.yoshiyuki.jf@teikyo-u.ac.jp		
			ABC transporter(s)	
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Active transport	
			Blood flow Blood-Retinal Barrier (BRB)	
			Blood-Brain Barrier (BBB)	
			Cell culture	
			Cell line(s)	
			Solute Carrier (SLC) transporter(s)	
			Transport	
			Transporter(s)	
Kumru	Ozan S.	okumru@ku.edu		
			Formulation	
			Monoclonal antibody(s)	
			Preformulation	
			Protein aggregation	
			Protein folding	
			Protein formulation(s)	
			Protein(s)	
			Vaccine adjuvants	
			Vaccine(s)	

Lai	Yurong	laiyurong@gmail.com		
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Biliary excretion	
			Hepatic transport	
			Membrane transporter(s)	
			Pharmacokinetic/pharmacodynamic (PK/PD) correlation	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Transporter(s)	
Lambert	William J	pharmsci.BL@gmail.com		
			Drug delivery system(s)	
			Formulation	
			Injectable(s)	
			Preformulation	
			Protein formulation(s)	
			Stability	
Landis	Margaret	margaret.s.landis@pfizer.com		
			Biopharmaceutics classification system (BCS)	
			Chemical stability	
			Colonic drug delivery	
			Drug delivery system(s)	
			Prodrug(s)	
Langer	Robert S.	rlanger@mit.edu	drug delivery systems	
Last Name	**First Name**	**Email Address**	**Keywords**	
Law	Devalina	devalina.law@abbvie.com		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Crystal defect(s)	
			Formulation	
			Nanocrystal(s)	
			Nanoparticle(s)	
			Nanotechnology	
			Preformulation	
			Solid dispersion(s)	
			Solid phase(s)	
			Solid solution(s)	
Lechuga-Ballesteros	David	dlechuga@pearltherapeutics.com	Co-crystals	
			Crystal engineering	
			inhalation technology	
			Liposomes	
			Nanotechnology	
			preformulation	
			Solid dispersion	
			Solid state	
			solid state characterization	
			Solid state stability	
			Spray drying	
			Supercritical fluids	
			Surface chemistry	
Lee	Wooin	wooin.lee@snu.ac.kr	Cancer chemotherapy	
			Drug resistance	
			Drug transport	
			Organic anion-transporting polypeptide transporters	
			P-glycoprotein	
			Pharmacodynamics	
			Pharmacogenomics	
			Pharmacokinetics	
			chemotherapy response	
Li	S. Kevin	likv@ucmail.uc.edu		
			Diffusion	
			Membrane transport	
			Ophthalmic drug delivery	
			Passive diffusion	
			Skin	
			Structure-transport relationship(s) (STR)	
			Transcellular transport	
			Transdermal	
			Transport	
Liebenberg	Wilna	Wilna.Liebenberg@nwu.ac.za		
			need keywords	
Loftsson	Thorsteinn	thorstlo@hi.is		
			Chemical stability	
			Cyclodextrin(s)	

			Ophthalmic drug delivery	
			Solubility	
			Transdermal	
Lopalco	Antonio	antonio.lopalco@uniba.it		
			Chemical stability	
			Drug delivery system(s)	
			Formulation	
			Kinetics	
			Nanoparticle(s)	
			Physical stability	
			Polymeric drug delivery system(s)	
			Preformulation	
			Stability	
Last Name	**First Name**	**Email Address**	**Keywords**	
Maeda	Kazuya	maedak@pharm.kitasato-u.ac.jp		
			ABC transporter(s)	
			Clinical pharmacokinetics	
			Intestinal transporter(s)	
			Membrane transporter(s)	
			Pharmacogenetics	
			Solute Carrier (SLC) transporter(s)	
			Transporter(s)	
Mallela	Krishna	krishna.mallela@cuanschutz.edu		
			Circular dichroism	
			Excipient(s)	
			Fluorescence spectroscopy	
			Nuclear Magnetic Resonance (NMR) spectroscopy	
			Protein aggregation	
			Protein folding	
			Protein formulation(s)	
			Protein refolding	
			Protein structure(s)	
			Protein(s)	
Marini	Amedeo	amedeo.marini@unipv.it		
			Co-crystal(s)	
			Differential Scanning Calorimetry (DSC)	
			Phase diagram(s)	
			Phase transformation(s)	
			Physicochemical properties	
			Polymorph(s)	
			Solid-state	
			Thermal analysis	
			Thermodynamics	
			Thermogravimetric Analysis (TGA)	
Maroni	Alessandra	alessandra.maroni@unimi.it		
			Coating	
			Controlled delivery	
			Controlled release	
			Formulation	
			Oral drug delivery	
Marsac	Patrick	patrick.marsac@uky.edu	Absorption	
			Amorphous	
			Calorimetry	
			Image Analysis	
Masuda	Satohiro	satomsd@gm.himeji-du.ac.jp		
			Pharmacogenetics	
			Renal transport	
			Solute Carrier (SLC) transporter(s)	
			Therapeutic drug monitoring	
			Toxicity	
			Transporter(s)	
Maurin	Michael B.	mmaurin30@gmail.com		
			Chemical stability	
			Formulation	
			Oral absorption	
			Physicochemical properties	
			Polymorph(s)	
			Preformulation	
			Prodrug(s)	
			Solubility	
			Solubilization	
			Stability	

McAllister	Mark	mark.mcallister@pfizer.com		
			Biopharmaceutical characterization	
			Biopharmaceutics classification system (BCS)	
			Developability	
			Dissolution	
			Dissolution model(s)	
McGeorge	Gary	gary.mcgeorge@bms.com	FTIR	
			Image analysis	
			Imaging methods	
			Infrared spectroscopy	
			Multivariate analysis	
			Near-infrared spectroscopy	
			PAT	
			polymorphism	
			Principal component analysis	
			Raman spectroscopy	
			Solid state NMR	
			Spectroscopy	
McNamara	Patrick	pmcnamar@email.uky.edu		
			ABC transporter(s)	
			ATP-Binding Cassette (ABC) transporter(s)	
			Lactation	
			Membrane transporter(s)	
			Preclinical pharmacokinetics	
			Protein binding	
			Translational pharmacokinetics	
			Transporter(s)	
Last Name	**First Name**	**Email**	**Keywords**	
Medlicott	Natalie	natalie.medlicott@otago.ac.nz	Macromolecular drug delivery	
			Principal component analysis	
			Pharmacokinetics	
			Protein aggregation	
			Protein formulation	
			Spectroscopy	
			Chromatography	
			Drug-excipient interaction	
			Clinical Pharmacokinetics	
			Infrared spectroscopy	
Miller	Danforth	dan.miller@novartis.com	Aerosols	
			Amorphous	
			Amorphous Materials	
			Calorimetry	
			Chemometrics	
			Glass transition	
			Moisture sorption	
			Pharmaceutics	
			Physical characterization	
			Physical stability	
			Polymorph	
			Powder technology	
			Pulmonary	
			Relaxation	
			Relaxation time	
			Solid state	
			Solid-state pharmaceutics	
			Spectroscopy	
			Spray drying	
			X-ray powder diffractometry	
Moyano-Mendez	Jose Ramon	jrmoyano@us.es		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Cyclodextrin(s)	
			Differential Scanning Calorimetry (DSC)	
			Solid dispersion(s)	
			Thermal analysis	
Mullertz	Anette	anette.mullertz@sund.ku.dk		
			Biopharmaceutics classification system (BCS)	
			Dissolution	
			Dissolution model(s)	
			Dissolution rate(s)	
			Lipid Nanoparticle(s) (LNP)	
			Lipid(s)	
			Lipid-based formulation(s)	
			Oral drug delivery	
			Phospholipid(s)	
			Supersaturation	
Munson	Eric J.	eric.munson@uky.edu	Amorphous	
			Analytical chemistry	
			Biodegradable polymers	
			Co-crystals	
			Crystallinity	

			Excipients	
			Hydrates/solvates	
			Mobility	
			NMR spectroscopy	
			Physical characterization	
Murthy	Narasimha J.	murthy@olemiss.edu		
			Drug delivery system(s)	
			Skin	
			Systems pharmacology	
			Transdermal	
			Transmucosal drug delivery	
Last Name	**First Name**	**Email Address**	**Keywords**	
Nail	Steven	steven_nail@baxter.com	Amorphous	
			Calorimetry (DSC)	
			Drying	
			Freeze drying/lyophilization	
			Freezing/Freeze-Drying	
			Glass transition	
			Materials science	
			Pharmaceutical Technology - Parenteral	
			Physical stability	
			Thermal Analysis	
			Thermal analysis	
Nakajima	Miki	nmiki@p.kanazawa-u.ac.jp		
			CYP enzyme(s)	
			Cytochrome P450 (CYP)	
			Pharmacogenetics	
			Phase I enzyme(s)	
			Phase II enzyme(s)	
			UDP-Glucuronosyltransferase (UGT)	
Nakanishi	Takeo	nakanishi@takasaki-u.ac.jp		
			Membrane transport	
			Membrane transporter(s)	
			Multidrug resistance	
			Multidrug Resistance-associated protein(s) (MDR) Multiparticulate(s)	
			Organic Anion Transporter(s) (OAT)	
			Organic Anion-Transporting Polypeptide(s) (OATP)	
			Organic Cation Transporter(s) (OCT)	
Narang	Ajit S.	ajit.narang@oricpharma.com		
			Buccal delivery	
			Colonic drug delivery	
			Controlled delivery	
			Tablet(s)	
			Tableting	
Narayan	Padma	padmajnarayan@yahoo.com		
			Formulation	
			Lipid-based formulation(s)	
			Materials science	
			Nanoparticle(s)	
			Nasal drug delivery	
			Polymeric drug delivery system(s)	
			Powder technology(s)	
			Solid dispersion(s)	
			Solid dosage form(s)	
			Transdermal	
Narhi	Linda	lindaonarhi@gmail.com		
			Analytical biochemistry	
			Antibody drug(s)	
			Biopharmaceutical characterization	
			Protein aggregation	
			Protein formulation(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Nebuloni	Marino	marino.nebuloni@unipr.it	Analytical chemistry	
			Calorimetry	
			Crystal structure	
			Physical characterization	
			Particle size	
			solid dosage forms	
			Polymorphism	
			Thermal analysis	
			X-ray powder diffractometry	
Nicolazzo	Joseph	joseph.nicolazzo@monash.edu		
			Blood-Brain Barrier (BBB)	

			Disease effect(s)	
			Peptide delivery	
			P-glycoprotein (P-gp)	
			Transporter(s)	
Nishimura	Tomohiro	nishimura-tm@pha.keio.ac.jp		
			Absorption	
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Active transport	
			Keywords beginning with Letter A	
			Membrane transport	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Pregnancy	
			Transporter(s)	
Ogawa	Noriko	noriko30@dpc.agu.ac.jp		
			380 Spray drying	
			Crystallography	
			Cyclodextrin(s)	
			Nasal drug delivery	
			Solid dispersion(s)	
			Solubilization	
Ogihara	Takuo	togihara@takasaki-u.ac.jp		
			Bile acid transporter(s)	
			Biliary excretion	
			Hepatic metabolism	
			Pharmacokinetic/pharmacodynamic (PK/PD) correlation	
			Transporter(s)	
Ohtake	Satoshi	satoshi.ohtake@pfizer.com		
			Drying	
			Formulation	
			Gene therapy	
			Lyophilization	
			Processing	
			Protein formulation(s)	
			Solid-state stability	
			Stabilization	
			Vaccine adjuvants	
			Vaccine(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Ohtsuki	Sumio	sohtsuki@kumamoto-u.ac.jp		
			ABC transporter(s)	
			ATP-Binding Cassette (ABC) transporter(s)	
			Blood flow Blood-Retinal Barrier (BRB)	
			Blood-Brain Barrier (BBB)	
			Blood-Cerebrospinal Fluid Barrier (Blood-CSF barrier)	
			Membrane transporter(s)	
			Pharmacoproteomics	
			Transporter(s)	
Okuda	Tomoyuki	tokuda@meijo-u.ac.jp		
			380 Spray drying	
			Aerosol(s)	
			Liposome(s)	
			Lung drug delivery	
			Nanoparticle(s)	
			Non-viral gene delivery	
			Powder technology(s)	
			Pulmonary drug delivery	
			Small interfering RNA (siRNA)	
			Spray freeze-drying	
Okura	Takashi	okura@pharm.teikyo-u.ac.jp		
			Blood-Brain Barrier (BBB)	
			Blood-Spinal Cord Barrier (BSCB)	
			Pharmacodynamics	
			Pharmacokinetic/pharmacodynamic (PK/PD) correlation	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
Ozeki	Tetsuya	ozekit@phar.nagoya-cu.ac.jp		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Drug delivery system(s)	
			Liposome(s)	
			Oral absorption	
			Oral drug delivery	
			Powder technology(s)	
			Pulmonary	
			Pulmonary drug delivery	
			Solid dispersion(s)	

Panyam	Jayanth	panyam@umn.edu	Biomaterials	
			DNA/oligonucleotide delivery	
			Drug Delivery	
			Drug resistance	
			Gene therapy	
			Intracellular trafficking	
			Local delivery	
			Microparticles	
			Nanoparticles	
			Nanotechnology	
			restenosis	
			Sustained Release	
Palugan	Luca	luca.palugan@unimi.it		
			Bioavailability	
			Factorial design	
			Formulation	
			Oral drug delivery	
			Solid dosage form(s)	
			Tablet(s)	
Park	Jae Hyung	jhpark1@skku.edu		
			Needs Keywords	
Perrie	Yvonne	yvonne.perrie@strath.ac.uk	Gene delivery	
			Gene therapy	
			Gene vectors	
			drug delivery	
			Liposomes	
			Vaccine delivery	
			Vaccines	
Porter	Christopher J.H.	chris.porter@monash.edu	ADME	
			Absorption	
			Drug delivery	
Last Name	**First Name**	**Email Address**	**Keywords**	
Qi	Wei	wqi@amgen.com		
			Fluorescence spectroscopy	
			Formulation	
			Freeze-drying	
			Light scattering (dynamic)	
			Process analytical technology (PAT)	
			Protein aggregation	
			Protein folding	
			Protein formulation(s)	
			Protein structure(s)	
Rades	Thomas	thomas.rades@sund.ku.dk		
			430 Physical characterization	
			Formulation	
			Lipid-based formulation(s)	
			Physical stability	
			Preformulation	
			Solid dispersion(s)	
			Solid dosage form(s)	
Raines	Amber	afradkin@kbibiopharma.com;amber.fradkin@gmail.com		
			Biocompatibility	
			Image analysis	
			Machine Learning	
			Microparticle(s)	
			Nanoparticle(s)	
			Particle size	
			Protein aggregation	
			Protein formulation(s)	
			Stability	
Rajewski	Roger A.	rajewski@ku.edu	Complexation	
			Cyclodextrins	
			Freeze drying/lyophilization	
			Pharamcokinetics	
			Pharmacodynamics	
Randolph	Theodore	theodore.randolph@colorado.edu		
			Protein aggregation	
			Protein delivery	
			Protein folding	
			Protein formulation(s)	
			Protein refolding	
			Vaccine adjuvants	
			Vaccine delivery	

			Vaccine(s)	
Rantanen	Jukka	jukka.rantanen@sund.ku.dk		
			Crystal engineering	
			Crystal structure(s)	
			Machine Learning	
			Near-Infrared Spectroscopy (NIRS)	
			Phase transformation(s)	
			Physical stability	
			Physicochemical properties	
			Printing (3D)	
			Process analytical technology (PAT)	
			Raman spectroscopy	
Reutzel-Edens	Susan M.	reutzel@lilly.com	Calorimetry (DSC)	
			Polymorphism	
			Solid state	
			Solid state NMR	
			Solvate	
			Spectroscopy	
			Structure-property relationship (SPR)	
			Water in solids	
			Water sorption	
			X-ray powder diffractometry	
Roberts	Christopher	cjr@udel.edu		
			Antibody(s)	
			Biopharmaceutical characterization	
			Physical stability	
			Protein aggregation	
			Protein folding	
			Protein formulation(s)	
			Protein refolding	
Rogge	Mark	markrogge@live.com	ADME	
			Absorption	
			Biopharmaceutics	
			Biotechnology	
			Clinical pharmacokinetics	
			CYP enzymes	
			Distribution	
			Drug effects	
			Drug interactions	
Last Name	**First Name**	**Emails Address**	**Keywords**	
Rohrs	Brian R.	brian.rohrs@bausch.com	Analytical chemistry	
			Biopharmaceutics classification system (BCS)	
			Chemical stability	
			Content uniformity	
			Controlled release	
			Dissolution	
			Dissolution rate	
			Formulation	
			In vitro/in vivo correlations (IVIVC)	
			Mathematical model	
			Ophthalmic Dosage forms	
			Ophthalmic drug delivery	
			Physical stability	
Rosen	Larry	rosen@venatorx.com	Compaction	
			Drying	
			Fluid-bed	
			Formulation Design	
			Granulation	
			Oral Delivery	
			Particle size	
			Physical characterization	
			Quality by design (QBD)	
			Rheology	
			Solid State Characterization	
			Solid dosage form	
Rosenberg	Amy	amy.rosenberg@fda.hhs.gov	Biotechnology	
			Enzymes	
			Glycosylation	
			Immunology	
			Immunology/Immunogenicity of Therapeutic Proteins	
			Protein aggregation	
			Proteins	
			Vaccines	
Rumondor	Alfred	rumondor@gmail.com	Amorphous	
			Formulation	
			Physical stability	
			Poorly water-soluable drugs	
			Preformulation	
			Solid dispersion	

Saal	Christoph	christoph.saal@merckgroup.com		
			Analytical chemistry	
			Polymorph(s)	
			Poorly water-soluble drug(s)	
			Preformulation	
			Salt selection	
			Salts	
			Solid-state	
			Solubility	
Sampath Kumar	Krishnan	sampkrish@gmail.com		
			Analytical biochemistry	
			Antibody Drug Conjugate(s) (ADC)	
			Antibody drug(s)	
			Biopharmaceutical characterization	
			Biosimilar(s)	
			Protein aggregation	
			Protein formulation(s)	
Serajuddin	Abu	serajuda@stjohns.edu		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Dissolution	
			Drug delivery system(s)	
			Excipient(s)	
			Hygroscopicity	
			Lipid-based formulation(s)	
			Nanoparticle(s)	
			Poorly water-soluble drug(s)	
			Salt selection	
			Solubility	
Siahaan	Teruna J.	siahaan@ku.edu	adheren junctions	
			Cadherin	
			Cell adhesion	
Last Name	**First Name**	**Email Address**	**Keywords**	
Singh	Satish Kumar	satish.singh@lonza.com	Aggregation	
			Biophysical models	
			Calorimetry	
			Circular dichroism	
			Colloid	
			Colloids	
			Glass transition	
			Protein aggregation	
			Protein binding	
			Protein delivery	
			Protein folding/refolding	
			Protein structure	
			Proteins	
Sonvico	Fabio	fabio.sonvico@uts.edu.au	Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Chitosan	
			Dissolution	
			Drug delivery system(s)	
			Nanotechnology	
			Nasal drug delivery	
			Cancer	
			Cancer chemotherapy	
			Colloid(s)	
			Microencapsulation	
Sou	Tomas	tomas.sou@carexer.com;tomas.sou@hotmail.com		
			Drug delivery system(s)	
			Formulation	
			Inhalation	
			Lung drug delivery	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Pharmacometrics	
			Population pharmacokinetics	
			Preclinical pharmacokinetics	
			Pulmonary drug delivery	
			Translational pharmacokinetics	
Souillac	Pierre	pierre_souillac@yahoo.com		
			Biophysical model(s)	
			Formulation	
			Formulation vehicle	
			Freeze-drying	
			Preformulation	
			Protein formulation(s)	
Spencer	David	david.spencer@ipsen.com		
			Analytical biochemistry	

			Antibody Drug Conjugate(s) (ADC)	
			Antibody drug(s)	
			Glycosylation	
			Mass Spectrometry (MS)	
			Oxidation(s)	
			Peptide(s)	
			Protein structure(s)	
			Protein(s)	
			Structure-activity relationship(s) (SAR)	
Stagner	William C.	stagnerw@campbell.edu	Materials science	
			Differential Scanning Calorimetry (DSC)	
			Chemical stability	
			Content uniformity	
			Process analytical technology (PAT)	
			Crystal polymorphism	
			Emulsion(s)	
			Factorial Design	
			Granulation	
			Near-Infrared Spectroscopy (NIRS)	
Strachan	Clare	clare.strachan@helsinki.fi	Polymorphism	
			Amorphous Solid Dispersion(s) (ASD)	
			Crystallinity	
			Dehydration	
			Hydrates/solvates	
			Multivariate analysis	
			Raman spectroscopy	
			solid-state	
			Spectroscopy	
Straubinger	Robert M.	rms@buffalo.edu		
			Cancer	
			Drug delivery system(s)	
			Drug-combination particle(s)	
			Lipid Nanoparticle(s) (LNP)	
			Lipid-based formulation(s)	
			Liposome(s)	
			Nanomedicine	
			Nanoparticle(s)	
			Nanosphere(s)	
			Nanotechnology	
Strickley	Robert	rstrickley@pliantrx.com		
			Formulation	
			Lipid-based formulation(s)	
			Preformulation	
			Prodrug(s)	
			Protein formulation(s)	
Su	Yongchao	yongchao.su@merck.com		
			Formulation	
			Formulation vehicle	
			Lipid-based formulation(s)	
			Nuclear Magnetic Resonance (NMR) spectroscopy	
			Preformulation	
			Protein formulation(s)	
			Solid-State NMR (SSNMR) spectroscopy	
Sun	Changquan Calvin	sunx0053@umn.edu;sunx0053@yahoo.com		
			Compaction	
			Crystal engineering	
			Formulation	
			Glass	
			Materials science	
			Mechanical properties	
			Preformulation	
			Solid dispersion(s)	
			Solubility	
			Tableting	
Suryanarayanan	Raj	surya001@umn.edu		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Freeze-drying	
			Hydrate(s)	
			Polymorph(s)	
			Pseudopolymorphism	
			Solid dispersion(s)	
			Solid-state	
			Solvate(s)	
			Thermal analysis	
			X-ray Powder Diffraction (XRD)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Taft	David R.	david.taft@liu.edu		

			Dose proportionality	
			Membrane transporter(s)	
			Pharmacokinetic/pharmacodynamic (PK/PD) correlation	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Pharmacometrics	
Tam	Yun K.	ytam@sinoveda.com		
			Keywords beginning with Letter A	
			Keywords beginning with Letter D	
			Keywords beginning with Letter E	
			Keywords beginning with Letter M	
			Keywords beginning with Letter P	
Tamai	Ikumi	tamai@p.kanazawa-u.ac.jp		
			ABC transporter(s)	
			Absorption	
			Active transport	
			Transport	
			Transporter(s)	
Taylor	Lynne s.	lstaylor@purdue.edu		
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Bioavailability	
			Crystallinity	
			Crystallization	
			Physicochemical properties	
Tejwani,	Ravindra	rtejwani@acadia-pharm.com	Absorption potential	
			Water sorption	
			Transcellular transport	
			Tight junction(s)	
			Statistical mechanics	
			Thermodynamics	
			Thermal analysis	
			Surface chemistry	
			Structure-transport relationship(s) (STR)	
			Solvation	
Templeton	Allen	allen_templeton@merck.com	Analytical chemistry	
			Bioavailability	
			Biopharmaceutics classification system (BCS)	
			Chemical stability	
			Chromatography	
			Co-crystals	
			Drug stability	
			Oxidation	
			Pharmaceutical analysis	
			Photodegradation	
			Physical characterization	
			Preformulation	
			Targeted Drug Delivery	
Last Name	**First Name**	**Email Address**	**Keywords**	
Theil	Frank-Peter	theilfdrk@gmail.com	Modeling & Simulation	
			Monte Carlo	
			PBPK	
			PKPD	
			Pharmacodynamics	
			Pharmacokinetic/pharmacodynamic models	
			Pharmacokinetics	
			Pharmacokinetics/pharmacodynamics	
			Physiological model	
			Population pharmacokinetics	
			Population pharmacokinetics/pharmacodynamics	
			Preclinical pharmacokinetics	
			Simulations	
Tobyn	Mike	mike.tobyn@bms.com		
			Excipient(s)	
			Particle size	
			Powder technology(s)	
			Preformulation	
			Process analytical technology (PAT)	
Tomi	Masatoshi	tomi-ms@pha.keio.ac.jp		
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Blood flow Blood-Retinal Barrier (BRB)	
			Blood-Brain Barrier (BBB)	
			Distribution	
			Membrane transporter(s)	
			Transporter(s)	

Trevaskis	Natalie	natalie.trevaskis@monash.edu		
			Drug delivery system(s)	
			HPLC (high-performance/pressure liquid chromatography)	
			Lipid-based formulation(s)	
			Liposome(s)	
			Lymphatic transport	
			Nanoparticle(s)	
			Oral absorption	
			Oral drug delivery	
			Preclinical pharmacokinetics	
Trotta	Francesco	francesco.trotta@unito.it	Needs Keywords	
Tsapis	Nicolas	nicolas.tsapis@u-psud.fr	Aerosols	
			Bilayer	
			Biodegradable polymers	
			Colloid	
			Corticosteroids	
			Pulmonary drug delivery	
			Microcapsules	
			Nanocapsules	
			Phospholipids	
			Spray drying	
			Uchida, Yasuo	
			yasuo.uchida.c8@tohoku.ac.jp	
			Transporter(s)	
Uchida	Yasuo	yasuo.uchida.c8@tohoku.ac.jp	Blood-Brain Barrier (BBB)	
			Blood-Arachnoid Barrier (BAB)	
			Blood-Cerebrospinal Fluid Barrier (Blood-CSF barrier)	
			Blood-Spinal Cord Barrier (BSCB)	
			Pharmacoproteomics	
			Proteomic	
			ABC transporter(s)	
			Blood-brain barrier	
			CNS	
Uchiyama	Susumu	suchi@bio.eng.osaka-u.ac.jp		
			Adeno-associated virus (AAV)	
			Antibody drug(s)	
			Antibody(s)	
			Formulation	
			IgG antibody(s)	
			Immunogenicity	
			Monoclonal antibody(s)	
			Particle size	
			Preformulation	
			Protein formulation(s)	
van de Weert	Marco	marco.vandeweert@sund.ku.dk		
			Circular dichroism	
			Fluorescence spectroscopy	
			Fourier-Transform Infrared Spectroscopy (FTIR)	
			Microcalorimetry	
			Peptide delivery	
			Peptide(s)	
			Protein aggregation	
			Protein delivery	
			Protein folding	
			Protein formulation(s)	
			Protein structure(s)	
Van den Mooter	Guy	guy.vandenmooter@pharm.kuleuven.be	Calorimetry (DSC)	
			Physical characterization	
			physical pharmacy	
			Physicochemical	
			Polymorphism	
			preformulation	
			Solid dispersion	
			Supersaturation	
Last Name	**First Name**	**Email Address**	**Keywords**	
Van Speybroeck	Michiel	michiel.vanspeybroeck@pharmavize.com	Adsorption	
			Bio-ceramics	
			Bioavailability	
			Desorption	
			Dissolution	
			Formulation	
			In vitro/in vivo correlations (IVIVC)	
			Lipids	
			Mesoporous silica SBA-15	
			Physical characterization	
			Physical stability	
			Poor solubility	

			Silica	
			Solid dosage form	
			Solubility	
			Supersaturation	
			Surface chemistry	
Vert	Michel	vertm@univ-montp1.fr		
			Biodegradable polymer(s)	
			Cancer	
			Drug delivery system(s)	
			Macromolecular drug delivery	
			Systems biology	
Volkin	David B.	volkin@ku.edu		
			Biopharmaceutical characterization	
			Macromolecular drug delivery	
			Monoclonal antibody(s)	
			Protein aggregation	
			Protein formulation(s)	
			Protein(s)	
			Vaccine adjuvants	
			Vaccine delivery	
			Vaccine(s)	
			Viral vector(s)	
Last Name	**First Name**	**Email Address**	**Keywords**	
Wahlstrom	Jan	janw@amgen.com	ADME	
			CYP enzymes	
			Cytochrome P450	
			Drug Metabolism	
			Drug interactions	
			Drug metabolizing enzymes	
			Glucuronosyltransferases (UGT)	
			Metabolism	
			Pharmacokinetics	
			Phase I metabolism	
			Phase II metabolism	
Warne	Nicholas	Nicholas.warne@pfizer.com		
			Formulation	
			Freeze-drying	
			Pegylation	
			Peptide delivery	
			Peptide(s)	
			Protein aggregation	
			Protein binding	
			Protein delivery	
			Protein folding	
			Protein formulation(s)	
Williams	Adrian C.	a.c.williams@reading.ac.uk		
			Formulation	
			Passive diffusion	
			Raman spectroscopy	
			Skin	
			Transdermal	
Williams	Desmond	Des.Williams@unisa.edu.au	ADME	
			Absorption	
			Acid-base equilibria	
			Analytical chemistry	
			Bioavailability	
			Biopharmaceutics classification system (BCS)	
			Chemical stability	
			Controlled release	
			Drug delivery systems	
			Food effects	
			Gastrointestinal	
			Intestinal absorption	
			Oral drug delivery	
			Pharmaceutics	
			Pharmacokinetics	
			Physicochemical properties	
			Poorly water-soluable drugs	
			Prodrugs	
			pH	
Winter	Gerhard	gerhard.winter@lrz.uni-muenchen.de		
			Keywords beginning with Letter A	
			Keywords beginning with Letter B	
			Keywords beginning with Letter C	
			Keywords beginning with Letter D	
			Keywords beginning with Letter E	
Xu	Qingguo	qxu@vcu.edu	Nanoparticle(s)	
			Controlled release	

			Polylactic acid (PLA)	
			Polymeric drug delivery system(s)	
			Mucosal drug delivery	
			Microparticle(s)	
			Polymeric biomaterial(s)	
			Nanotechnology	
			Physicochemical properties	
			Microencapsulation	
Yalkowsky	Samuel H.	yalkowsky@pharmacy.arizona.edu	Solubility	
			melting point	
			physical properties	
Last Name	**First Name**	**Email Address**	**Keywords**	
Yamashita	Fumiyoshi	yama@pharm.kyoto-u.ac.jp		
			Drug delivery system(s)	
			Machine Learning	
			Pharmacokinetic/pharmacodynamic (PK/PD) modeling Pharmacokinetics	
			Quantitative structureâ€"property relationship(s) (QSPR)	
			Targeted drug delivery	
Yamashita	Shinji	shinji@pharm.setsunan.ac.jp	Caco-2 cells	
			Computational ADME	
			Drug transport	
			In vitro/in vivo correlations (IVIVC)	
			Intestinal absorption	
			Membrane transport	
			Oral absorption	
			Oral drug delivery	
			Paracellular transport	
			Permeability	
Yazdanian	Mehran	mehran.yazdanian@tevapharm.com	Bioavailability	
			Biopharmaceutics classification system (BCS)	
			Caco-2 cells	
			Drug transport	
			Drug-like properties	
			Efflux pumps	
			Passive diffusion/transport	
			Permeability	
			Physicochemical properties	
			Preformulation	
			Solubility	
			Stability	
			Transport	
Yoshinari	Kouichi	yoshinari@u-shizuoka-ken.ac.jp		
			Cytochrome P450 (CYP)	
			Hepatic metabolism	
			Induction	
			Intestinal metabolism	
			Metabolism	
			Phase I metabolism	
			Phase II metabolism	
Yuasa	Hiroaki	yuasa@phar.nagoya-cu.ac.jp		
			Absorption, Distribution, Metabolism, and Excretion (ADME)	
			Bioavailability	
			Food interaction(s)	
			Intestinal absorption	
			Membrane transport	
			Membrane transporter(s)	
			Oral absorption	
			Oral drug delivery	
Zeitler	Axel	jaz22@cam.ac.uk		
			430 Physical characterization	
			Amorphism Amorphous Solid Dispersion(s) (ASD)	
			Coating	
			Crystal structure(s)	
			Infrared (IR) spectroscopy	
			Physical stability	
			Raman spectroscopy	
			Solid dosage form(s)	
			Spectroscopy	
			Tableting	
Zema	Lucia	lucia.zema@unimi.it	Extrusion	
			Colonic drug delivery	
			Drug delivery systems	
			Granulation	
			Oral drug delivery	
Last Name	**First Name**	**Email Address**	**Keywords**	
Zhang	Ming	mzhang25@buffalo.edu	Drug interactions	
			Nonlinear pharmacokinetics	

			Pharamcokinetics	
			Pharmacodynamics	
			Pharmacokinetic/pharmacodynamic models	
			Pharmacokinetics	
			Pharmacokinetics/pahrmacodynamics	
			Population pharmacokinetics	
			Population pharmacokinetics/pharmacodynamics	
			Preclinical pharmacokinetics	
Zhou	Qi (Tony)	tonyzhou@purdue.edu		
			380 Spray drying	
			Aerosol(s)	
			Inhalation	
			Microparticle(s)	
			Powder technology(s)	