

2018

Aubrey N, Allard-Vannier E, [Martin C](#), [Bryden F](#), [Letast S](#), Colas C, Lakhrif Z, Collinet N, Dimier-Poisson I, Chourpa I, [Viaud-Massuard MC](#), [Joubert N](#).

Site-Specific Conjugation of Auristatins onto Engineered scFv using Second Generation Maleimide to Target HER2-positive Breast Cancer in vitro.

Bioconjug Chem. 2018 Oct 23. doi: 10.1021/acs.bioconjchem.8b00668. [Epub ahead of print]

[Bryden F](#), [Martin C](#), [Letast S](#), Lles E, Viéitez-Villemin I, Rousseau A, Colas C, [Brachet-Botineau M](#), Allard-Vannier E, [Larbouret C](#), [Viaud-Massuard MC](#), [Joubert N](#).

Impact of cathepsin B-sensitive triggers and hydrophilic linkers on in vitro efficacy of novel site-specific antibody-drug conjugates.

Org Biomol Chem. 2018 Mar, 16 : 1882-1889.

[Croix C](#), Massip S, [Viaud-Massuard MC](#).

Synthesis of naphthyridin-2(1H)-one derivatives via ring expansion of 3-substituted-1H-pyrrolo[2,3-b]pyridin-2(3H)-one derivatives.

Chem Commun (Camb). 2018, 54 : 5538-5541

Hervé-Aubert K, Allard-Vannier E, [Joubert N](#), Lakhrif Z, Alric C, [Martin C](#), [Viaud-Massuard MC](#), Dimier-Poisson I, Aubrey N, Chourpa I.

Impact of Site-Specific Conjugation of ScFv to Multifunctional Nanomedicines Using Second Generation Maleimide.

Bioconjug Chem. 2018, 29: 1553-1559

[Martin C](#), [Kizlik-Masson C](#), Pèlegri A, [Watier H](#), [Viaud-Massuard MC](#), [Joubert N](#).

Antibody-drug conjugates: Design and development for therapy and imaging in and beyond cancer, LabEx MAbImprove industrial workshop, July 27-28, 2017, Tours, France.

MAbs. 2018 Feb/Mar;10(2):210-221

Moine E, Moiré N, Dimier-Poisson I, Brunet K, Couet W, Colas C, Van Langendonck N, Enguehard-Gueiffier C, Gueiffier A, Héraud B, [Denevault-Sabourin C](#), Debierre-Grockiego F.

Imidazo[1,2-b]pyridazines targeting Toxoplasma gondii calcium-dependent protein kinase 1 decrease the parasite burden in mice with acute toxoplasmosis.

Int J Parasitol. 2018, 48 : 561-568

[Oyallon B](#), [Brachet-Botineau M](#), Logé C, Bonnet P, Souab M, Robert T, Ruchaud S, Bach S, Berthelot P, [Gouilleux F](#), [Viaud-Massuard MC](#), [Denevault-Sabourin C](#).

Structure-based design of novel quinoxaline-2-carboxylic acids and analogues as Pim-1 inhibitors.

Eur J Med Chem. 2018, 154 : 101-109.

Seren S, Rashed Abouzaid M, Eulenberg-Gustavus C, Hirschfeld J, Nasr Soliman H, Jerke U, N'Guessan K, Dallet-Choisy S, Lesner A, Lauritzen C, Schacher B, Eickholz P, Nagy N, Szell M, [Croix C](#), [Viaud-Massuard MC](#), Al Farraj Aldosari A, Rangunatha S, Ibrahim Mostafa M, Giampieri F, Battino M, Cornillier H, Lorette G, Stephan JL, Goizet C, Pedersen J, Gauthier F, Jenne DE, Marchand-Adam S, Chapple IL, Kettritz R, Korkmaz B.

Consequences of cathepsin C inactivation for membrane exposure of proteinase 3, the target antigen in autoimmune vasculitis.

J Biol Chem. 2018, 293 : 12415-12428

2017

Guarino C, Hamon, Y, [Croix C](#), Lamort A-S, Dalley-Choisy S, Marchand-Adam S, Lesner A, Baranek T, [Viaud-Massuard MC](#), Lauritzen C, Pedersen J, Si-Tahar M, Heuzé-Vourc'h N, Firatli E, Jenne D, Gauthier F, Horwitz M, Borregaard N, Korkmaz B.

Prolonged pharmacological inhibition of cathepsin C results in elimination of neutrophil serine protease.

Biochemical Pharmacology 2017, 131 : 52-67

Joubert N, Denevault-Sabourin C, Bryden F, Viaud-Massuard MC.

Towards antibody-drug conjugates and prodrug strategies with extracellular stimuli-responsive drug delivery in the tumor microenvironment for cancer therapy.

Eur J Med Chem. 2017, 142 : 393-415

Juen L, Brachet-Botineau M, Parmenon C, Bourgeois J, Hérault O, Gouilleux E, Viaud-Massuard MC, Prié G.

New Inhibitor Targeting Signal Transducer and Activator of Transcription 5 (STAT5) Signaling in Myeloid Leukemias.

J Med Chem. 2017,60 : 6119-6136

2016

Baltus C, Jorda R, Marot C, Berka K, Bazgier V, Krystof V, Prié G, Viaud-Massuard MC

Synthesis, biological evaluation and molecular modeling of a novel series of 7-azaindole based tri-heterocyclic compounds as potent CDK2/cyclin E inhibitors.

Eur. J. of Med. Chem. 2016, 108, 701-719.

Brachet G, Respaud R, Arnoult C, Henriquet C, Dhommée C, Viaud-Massuard MC, Heuze-Vourc'h N, Joubert N, Pugnère M, Gouilleux-Gruart V.

Increment in Drug Loading on an Antibody-Drug Conjugate Increases Its Binding to the Human Neonatal Fc Receptor in Vitro.

Mol Pharm. 2016, 13 : 1405-1412

Brachet G, Bruno C, Boulay D, Tournamille JF, Gyan E, Viaud-Massuard MC, Respaud R.

An ion-pairing, reversed-phase liquid chromatography method to assess the cross-contamination of cancer chemotherapy infusions prepared in a dual-operator aseptic isolator.

Drug Test Anal. 2016, 8: 985-990

2015

Croix C, Prié G, Chaulet C, Viaud-Massuard MC.

Rhodium-Catalyzed 1,4-Addition of Arylboronic Acids to 3-Benzylidene-1H-pyrrolo[2,3-b]pyridin-2(3H)-one Derivatives.

J Org Chem. 2015, 80 : 3264-3269.

Moine E, Denevault-Sabourin C, Debierre-Grockiego F, Silpa L, Gorgette O, Barale JC, Jacquiet P, Brossier F, Gueiffier A, Dimier-Poisson I, Enguehard-Gueiffier C.

A small-molecule cell-based screen led to the identification of biphenylimidazoazines with highly potent and broad-spectrum anti-apicomplexan activity.

Eur J Med Chem. 2015, 89 : 386-400

Plas A, Martin C, Joubert N, Viaud-Massuard MC.

Palladium-Catalyzed Amination of N-Free 2-Chloro-7-azaindole.

Org Lett. 2015, 17 : 4710-4713

Respaud R, Vecellio L, Diot P, Heuzé-Vourc'h N.

Nebulization as a delivery method for mAbs in respiratory diseases.

Expert Opin Drug Deliv. 2015, 12 : 1027-1039

2014

Kryza T, Achard C, Parent C, Marchand-Adam S, Guillon-Munos A, Lochmann S, Korkmaz B, Respaud R, Courty Y, Heuzé-Vourc'h N.

Angiogenesis stimulated by human kallikrein-related peptidase 12 acting via a platelet-derived growth factor B-dependent paracrine pathway.

FASEB J. 2014,28 : 740-751

Obando Montoya E J, Mélin C, Blanc N, Lanoue A, Foureau E, Boudesocque L, Prie G, Simkin A J, Crèche J, Atehortúa L, Giglioli-Guivarc'h N, Clastre M, Courdavault V, Papon N
Disrupting the methionine biosynthetic pathway in *Candida guilliermondii*: characterization of the MET2 gene as counter-selectable marker
Yeast 2014, 31 : 243-251

Respaud R, Tournamille JF, Saintenoy G, Linassier C, Elfakir C, Viaud-Massuard MC, Antier D.
Computer-assisted management of unconsumed drugs as a cost-containment strategy in oncology.
Int J Clin Pharm. 2014, 36 : 892-895

Respaud R, Marchand D, Parent C, Pelat T, Thullier P, Tournamille JF, Viaud-Massuard MC, Diot P, Si-Tahar M, Vecellio L, Heuzé-Vourc'h N.
Effect of formulation on the stability and aerosol performance of a nebulized antibody.
MAbs. 2014, 6 : 1347-1355.

Respaud R, Gaudy AS, Arlicot C, Tournamille JF, Viaud-Massuard MC, Elfakir C, Antier D.
Implementation study of patient-ready syringes containing 25 mg/mL methotrexate solution for use in treating ectopic pregnancy.
Biomed Res Int. 2014, 2014 : 689308

2013

El Bouakher A, Prié G, Aadil M, El Hakmaoui A, Lazar S, Akssira M, Viaud-Massuard MC
Synthesis of novel 2,4-disubstituted 3H-pyrido[3,2-e][1,4]diazepin-5-ones and 2,4-disubstituted 3H-pyrido[2,3-e][1,4]diazepin-5-ones derivatives via regioselective thionation and nucleophilic substitutions reactions.
Tetrahedron, 2013, 69 : 5086-5091

Korkmaz B, Kellenberger C, Viaud-Massuard MC, Gauthier F
Selective Inhibitors of Human Neutrophil Proteinase 3
Current pharmaceutical design. 2013, 19 : 966-976

Korkmaz B, Lesner A, Letast S, Mahdi YK, Jourdan ML, Dallet-Choisy S, Marchand-Adam S, Kellenberger C, Viaud-Massuard MC, Jenne D-E, Gauthier F
Neutrophil proteinase 3 and dipeptidyl peptidase I (cathepsin C) as pharmacological targets in granulomatosis with polyangiitis (Wegener granulomatosis).
Seminars in Immunopathology. 2013, 35 : 411-421

Respaud R, Quenum L, Plichon C, Tournamille JF, Gyan E, Antier D, Viaud-Massuard MC.
A stability-indicating, ion-pairing, reversed-phase liquid chromatography method for studies of daunorubicin degradation in i.v. infusion fluids.
J Pharm Biomed Anal. 2013, 83: 164-170

2012

Chapuis H, Kubelka T, Joubert N, Pohl R, Hocek M.
Synthesis of 6-Substituted 2(1H)-Pyridon-3-yl C-2'-Deoxyribonucleosides
Eur. J. Org. Chem. 2012 : 1759-1767

El Bouakher A, Prié G, Aadil M, El Hakmaoui A, Lazar S, Akssira M, Viaud-Massuard MC
A novel and convenient method for the synthesis of new derivatives of pyrido[3,2-e]pyrrolo[1,2-a][1,4]diazepine-6,11-diones.
Tetrahedron. 2012, 68 : 9572-9577

El Bouakher A, Prié G, Aadil M, El Hakmaoui A, Lazar S, Akssira M, Viaud-Massuard MC

An efficient and convenient method for synthesizing new derivatives of pyrido[3,2-e]pyrrolo[1,2-a][1,4]diazepine-5,10-dione via Sonogashira, Suzuki-Miyaura, and Stille cross coupling reactions. Tetrahedron Letters. 2012, 53 : 6401-6405

Epinette C, Croix C, Jaquillard L, Marchand-Adam S, Kellenberger C, Lalmanach G, Cadene M, Viaud-Massuard MC, Gauthier F, Korkmaz B

A selective reversible azapeptide inhibitor of human neutrophil proteinase 3 derived from a high affinity FRET substrate.

Biochemical and Pharmacology. 2012, 83 : 788-796

Respaud R, Grayo S, Singlas E, Dubouch S, Le Monnier A, Lott MC.

High-performance liquid chromatography assay for moxifloxacin in brain tissue and plasma: validation in a pharmacokinetic study in a murine model of cerebral listeriosis.

J Anal Methods Chem. 2012, 436349

Souffrin A, Croix C, Viaud-Massuard MC

Efficient and general protocol for Sonogashira cross-coupling reactions of maleimides.

European Journal of Organic Chemistry. 2012, 2499-2502