

## Présentations par affiche

Le nom de la personne qui a présenté l'affiche est souligné

[80] HADJI H, PONCHEL G, VAUTHIER C, **BOUCHEMAL K**. Investigation of the impact of nanomaterial morphology and surface properties on cellular uptake and transmembrane passage. Doc & Post-doc Day - June 20<sup>th</sup>, 2019, ORSAY, FRANCE.

[79] DIAZ-SALMERON R, TOUSSAINT B, AYADI Y, CAILLEAU C, MICHEL J-P, PONCHEL G, **BOUCHEMAL K**. HEXAGONAL SHAPED hyaluronic acid nanoparticles have enhanced mucoadhesion to the bladder. Controlled Release Society Annual Meeting and Exposition, July 2019, VALENCIA, SPAIN.

[78] DIAZ-SALMERON R, TOUSSAINT B, AYADI Y, CAILLEAU C, MICHEL J-P, PONCHEL G, **BOUCHEMAL K**. Hyaluronic acid self-assembled nanoparticles with symmetrical hexagonal shape and flattened surfaces have enhanced mucoadhesion and high mobility on the bladder compared to spherical nanoparticles. 47<sup>th</sup> IUPAC World Chemistry Congress, July 2019, PARIS, FRANCE.

[77] DIAZ-SALMERON R, TOUSSAINT B, CAILLEAU C, MICHEL J-P, PONCHEL G, **BOUCHEMAL K**. Hyaluronic acid self-assembled nanoparticles with symmetrical hexagonal shape and flattened surfaces have enhanced mucoadhesion and high mobility on the bladder compared to spherical nanoparticles. ULLA Summer School, 2019, Faculty of Pharmacy, HELSINKI, FINLAND.

[76] AHMED Z, PONCHEL G, DA COSTA A, **BOUCHEMAL K**. Multi-layered structure of hydrated chitosan and  $\alpha$ -cyclodextrin platelets. Supralyon meeting, December 12-14<sup>th</sup> 2018, LYON, FRANCE.

[75] AHMED Z, PONCHEL G, **BOUCHEMAL K**. New insights on the structure of hexagonally faceted platelets from hydrophobically-modified chitosan and  $\alpha$ -cyclodextrin. July 14<sup>th</sup> – 19<sup>th</sup> 2018, LISBOA, PORTUGAL

[74] MALLI S, POMEL S, LOISEAU P. M, **BOUCHEMAL K**. Chitosan-coated Poly(isobutylcyanoacrylate) nanoparticles have intrinsic Trichomonacidal and anti-leishmanial activities. July 14<sup>th</sup> – 19<sup>th</sup> 2018, LISBOA, PORTUGAL.

[73] MALLI S, BORIES C, NICOLAS V, LOISEAU P. M, **BOUCHEMAL K**. New insights on *Trichomonas vaginalis* mobility through pharmaceutical hydrogels by multiple particle tracking. Journées de la Recherche de la Faculté de Pharmacie, 24 novembre 2017, CHATENAY-MALABRY, FRANCE.

[72] AHMED Z, PONCHEL G, **BOUCHEMAL K**. Non-spherical nanomaterials for oral drug delivery. Journées de la Recherche de la Faculté de Pharmacie, 24 novembre 2017, CHATENAY-MALABRY, FRANCE.

[71] MALLI S, POMEL S, LOISEAU P. M, **BOUCHEMAL K**. Complex hydrated crystals of chitosan micro-platelets exert an additive effect with amphotericin B deoxycholate against *Leishmania major* *in vitro* and *in vivo*. 19<sup>th</sup> European Carbohydrate Symposium, Euro Carbohydrate Symposium, July 2-6<sup>th</sup> 2017, BARCELONA, SPAIN.

[70] DIAZ-SALMERON R, PONCHEL G, **BOUCHEMAL K**. Drug-free glycosaminoglycan nano-platelets for the treatment of vesical diseases. Doc Post-doc day, 9 juin 2017, ORSAY, FRANCE.

[69] AHMED Z, PONCHEL G, **BOUCHEMAL K**. Nanomatériaux à morphologie contrôlée pour la délivrance de substances actives par voie orale. Doc Post-doc day, 9 juin 2017, ORSAY, FRANCE.

[68] DESTRUEL P-L, POMEL S, LOISEAU P. M, CHAAB I, DIAZ-SALMERON R, CARN F, DJABOUROV M, **BOUCHEMAL K**. Supramolecular hexagonal-shaped chitosan assemblies exert an additive effect with amphotericin B against *Leishmania major*. 5<sup>th</sup> Annual meeting of the Labex Lermite. December 11<sup>th</sup>, 2015, Ecole Normale Supérieure, CACHAN, FRANCE.

[67] GALUS A, MALLET J-M, LEMBO D, CAGNO V, DJABOUROV M, LORTAT-JACOB H, **BOUCHEMAL K**. Hexagonal-shaped chondroitin sulfate self-assemblies have exalted anti-HSV-2 activity. 5<sup>th</sup> Annual meeting of the Labex Lermite. December 11<sup>th</sup>, 2015, Ecole Normale Supérieure, CACHAN, FRANCE.

[66] DESTRUEL P-L, POMEL S, LOISEAU P. M, CHAAB I, DIAZ-SALMERON R, CARN F, DJABOUROV M, **BOUCHEMAL K**. Formulation of supramolecular assemblies for the treatment of cutaneous leishmaniasis. November 20<sup>th</sup>, 2015, Faculté de Pharmacie, CHÂTENAY-MALABRY, FRANCE.

[65] GALUS A, MALLET J-M, LEMBO D, CAGNO V, DJABOUROV M, LORTAT-JACOB H, **BOUCHEMAL K**. Hexagonal-shaped chondroitin sulfate self-assemblies have exalted anti-HSV-2 activity. November 20<sup>th</sup>, 2015, Faculté de Pharmacie, CHÂTENAY-MALABRY, FRANCE.

- [64] PRADINES B, BORIES C, VAUTHIER V, GRISIN T, PONCHEL G, LOISEAU P.M, [BOUCHEMAL K](#). Unconventional therapeutic strategy for the treatment of *Trichomonas vaginalis* infections without drug addition. 18<sup>th</sup> European Carbohydrate Symposium. August 2-6<sup>th</sup> 2015, MOSCOW, RUSSIA.
- [63] GRISIN T, BORIES C, LOISEAU P. M, MALLET J-M, [BOUCHEMAL K](#). Chitosan assemblies synergistically enhance the antifungal activity of amphotericin B against *Candida albicans*. 18<sup>th</sup> European Carbohydrate Symposium. August 2-6<sup>th</sup> 2015, MOSCOW, RUSSIA.
- [62] PRADINES B, BORIES C, VAUTHIER C, PONCHEL G, LOISEAU P. M, [BOUCHEMAL K](#). The unexpected activity of drug-free chitosan coated poly(isobutylcyanoacrylate) nanoassemblies against *Trichomonas vaginalis*. 4<sup>th</sup> Annual meeting of the Labex Lermite. November 21<sup>st</sup>, 2014, Université Paris Sud, ORSAY, FRANCE.
- [61] BOMBARDI M, BORIES C, LOISEAU P. M, [BOUCHEMAL K](#). Auto-assemblages supramoléculaires : une nouvelle stratégie de traitement des infections par *Candida albicans* au niveau des muqueuses. 25<sup>èmes</sup> journées du Groupe Français des Glycosciences. 12-15 mai 2014, PARIS, FRANCE.
- [60] SPECOGNA E, WO LI K, CARN F, DJABOUROV M, [BOUCHEMAL K](#). Caractérisation structurale et calorimétrique de nano-cristaux constitués de dérivés d'héparine et d'alpha-cyclodextrine. 25<sup>èmes</sup> journées du Groupe Français des Glycosciences. 12-15 mai 2014, PARIS, FRANCE.
- [59] BALEUX F, ARIEN K, MICHIELS J, COIC Y-M, BONNAFFE D, DESJARDINS D, DEREUDDRE-BOSQUET N, [BOUCHEMAL K](#), LE GRAND R, VANHAM G, [LORTAT-JACOB H](#). MiniCD4-heparan sulfate mimetic conjugates display sub nanomolar anti-HIV-1 activity and protect macaques against a SHIV162P3 vaginal route challenge. HIV Research for Prevention (HIVR4P), 28-31 October 2014, CAPE TOWN, SOUTH AFRICA.
- [58] BALEUX F, ARIEN K, COIC Y-M, BONNAFFÉ D, DESJARDINS D, DEREUDDRE-BOSQUET N, [BOUCHEMAL K](#), LE GRAND R, VANHAM G, [LORTAT-JACOB H](#). Synthetic heparan sulfate-mimetic peptides conjugated to mini CD4 display sub nanomolar anti-HIV-1 activity independently of coreceptor usage. 2<sup>nd</sup> ANRS basic research symposium on HIV and hepatitis viruses. April 27-28<sup>th</sup> 2014, MONTPELLIER, FRANCE.
- [57] PONCHEL G, [BOUCHEMAL K](#), VAUTHIER C. Designing drug delivery for controlling transport of drugs across biological barriers. Colloque annuel du Labex, 27 Novembre 2013, ORSAY, FRANCE.
- [56] BOMBARDI M, BORIES C, LOISEAU P. M, [BOUCHEMAL K](#). Synergistic activity between chitosan assemblies and amphotericin B against *Candida albicans*. Colloque annuel du Labex, 27 Novembre 2013, ORSAY, FRANCE.
- [55] BOMBARDI M, ZEGHBIB N, [BOUCHEMAL K](#). One-shot procedure for dextran, pullulan and amylopectin assembly formation. 28<sup>th</sup> scientific GTRV congress, December 2<sup>nd</sup>-5<sup>th</sup> 2013, ORLÉANS, FRANCE.
- [54] [PRADINES B](#), LIEVIN-LE MOAL V, BORIES C, PONCHEL G, [BOUCHEMAL K](#), LOISEAU P. M. Hydrogels thermosensibles et mucoadhésifs : Nouvelles stratégies pour prévenir et traiter les infections à *Trichomonas vaginalis* au niveau de la muqueuse vaginale. Journées de l'ED, 17 & 18 Juin 2013, KREMLIN-BICÊTRE, FRANCE.
- [53] PRADINES B, LOISEAU P.M, LIEVIN-LE MOAL V, BORIES C, GALLARD J-F, IORGA B I, GUEUTIN C, PONCHEL G, [BOUCHEMAL K](#). Formulation and toxicological evaluation of hydrogel containing clotrimazole nanoparticles against vaginal fungal infections. 27<sup>th</sup> Annual Meeting of the GTRV, 3-6<sup>th</sup> December 2012, CHILLY-MAZARIN, FRANCE.
- [52] HOURANI P, DJABOUROV M, PRADINES. B, VACHON J-J, PONCHEL G, [BOUCHEMAL K](#). Evaluation of mucoadhesion of formulated hydrogels by tensile measurements. 27<sup>th</sup> Annual Meeting of the GTRV, 3-6<sup>th</sup> December 2012, CHILLY-MAZARIN, FRANCE.
- [51] STUMPO M, ANSELM I, VAUTHIER C, MITRI K, HANNO I, HUANG, [BOUCHEMAL K](#). Successful scale-up of polyamide Parsol<sup>®</sup> MCX nanocapsules by interfacial polycondensation and solvent diffusion method. 27<sup>th</sup> Annual Meeting of the GTRV, 3-6<sup>th</sup> December 2012, CHILLY-MAZARIN, FRANCE.
- [50] AKA-ANY-GRAH A, [BOUCHEMAL K](#), NICOLAS V, POÛS C, KOFFI A, BOSQUET N, MARTIN L, LEGRAND R, PONCHEL G. Synthetic nanoparticles were much less diffusible into thermosensitive pluronic<sup>®</sup> hydrogels than in macaque cervico-vaginal mucus. 27<sup>th</sup> Annual Meeting of the GTRV, 3-6<sup>th</sup> December 2012, CHILLY-MAZARIN, FRANCE.
- [49] RAVANI L, [BOUCHEMAL K](#), BORIES C, LIEVIN-LEMOAL V, LOISEAU P, DJABOUROV M, CORTESI R, ESPOSITO E. Semisolid formulations based on nanostructured lipid carriers for the vaginal administration of clotrimazole. 27<sup>th</sup> Annual Meeting of the GTRV, 3-6<sup>th</sup> December 2012, CHILLY-MAZARIN, FRANCE.
- [48] [PRADINES B](#), DJABOUROV M, PONCHEL G, LOISEAU P. M, [BOUCHEMAL K](#). Novel thermogelling and mucoadhesive pluronic-based hydrogels containing nanoparticles: Rheological and physical evaluation. 26<sup>th</sup> Annual Meeting of the GTRV, 5-7<sup>th</sup> December 2011, BRUSSELS, BELGIUM.

- [47] MAZZAFERRO S, **BOUCHEMAL K**, GUEUTIN C, CHACUN H, PONCHEL G. Intestinal permeation enhancement of docetaxel encapsulated into Me- $\beta$ -cyclodextrin/poly(isobutyl cyanoacrylate) nanoparticles coated with thiolated chitosan. 26<sup>th</sup> Annual Meeting of the GTRV, 5-7<sup>th</sup> December **2011**, BRUSSELS, BELGIUM.
- [46] BARBIERI S, SONVICO F, BUTTINI F, **BOUCHEMAL K**, PONCHEL G, COLOMBO P. Tamoxifen Loaded Auto-assembled nanoparticles for oral delivery: Cytotoxicity and permeability studies. NanoFormulation Conference, 26<sup>th</sup> June – 1<sup>st</sup> July **2011**, SINGAPORE.
- [45] HANNO I, ANSELM C, PONCHEL G, **BOUCHEMAL K**. Les nanocapsules de polyamides préparées par polycondensation interfaciale sont efficaces pour l'encapsulation de principes actifs lipophiles Journées de l'école doctorale, 23 & 24 Mai **2011**, CHÂTENAY-MALABRY, FRANCE.
- [44] ZHANG M, DJABOUROV M, BOURGAUX C, PONCHEL G, **BOUCHEMAL K**. Le pouvoir du pluronic® F68 d'accélérer la micellisation et de retarder la gélification du pluronic® F127. Journées de l'école doctorale, 23 & 24 mai **2011**, CHATENAY-MALABRY, FRANCE.
- [43] PRADINES B, PONCHEL G, DJABOUROV, M, HUANG N, BORIES C, LOISEAU P. M, **BOUCHEMAL K**. Nouvelle formulation thermosensible et mucoadhésive pour la prévention et le traitement d'infections vaginales. Journées de l'école doctorale, 23 & 24 mai **2011**, CHATENAY-MALABRY, FRANCE.
- [42] MITRI K, VAUTHIER C, MENAS A, RINGARD C, HUANG N, ROSILIO V, VACHON J-J, PONCHEL G, **BOUCHEMAL K**. Le succès de la transposition d'échelle de la préparation de nano-émulsions. Journées de l'école doctorale, 23 & 24 mai **2011**, CHATENAY-MALABRY, FRANCE.
- [41] PETIT B, **BOUCHEMAL K**, VAUTHIER C, PONCHEL G. The counterbalanced effect of nanoparticle size and surface properties on mucoadhesion. 25<sup>th</sup> Annual Meeting of the GTRV, December 6-8<sup>th</sup> **2010**, TOULOUSE, FRANCE.
- [40] BARBIERI S, SAVI R, SONVICO F, MAZZAFERRO S, **BOUCHEMAL K**, PONCHEL G, COLOMBO P. Tamoxifen-loaded autoassembled nanoparticles: cytotoxicity and permeability. PSWC 2010, American Association Pharmaceutical Sciences, November 14-18<sup>th</sup> **2010**, NEW ORLEANS, USA.
- [39] IRACHE J. M, PONCHEL G, VAUTHIER C, **BOUCHEMAL K**, ESPUELAS S, AGÜEROS M. Cyclodextrin-poly(anhydride) nanoparticles improve the oral bioavailability of Paclitaxel. PSWC 2010, American Association Pharmaceutical Sciences, November 14-18<sup>th</sup> **2010**, NEW ORLEANS, USA.
- [38] MAZZAFERRO S, **BOUCHEMAL K**, GALLARD J-F, CHERON M, GUEUTIN C, PONCHEL G. Insights into the complexation mechanism between docetaxel and cyclodextrins. 2<sup>nd</sup> Conference Innovation in Drug Delivery, From preformulation to development through innovative evaluation process, October 3-6<sup>th</sup> **2010**, AIX-EN-PROVENCE, FRANCE.
- [37] ZHANG M, DJABOUROV M, **BOUCHEMAL K**. Micellar organization of mixed pluronics F127 and F68. 2<sup>nd</sup> Conference Innovation in Drug Delivery, From preformulation to development through innovative evaluation process, October 3-6<sup>th</sup> **2010**, AIX-EN-PROVENCE, FRANCE.
- [36] PRADINES B, PONCHEL G, ZHANG M, AGNELY F, DJABOUROV M, **BOUCHEMAL K**. Novel thermogelling and mucoadhesive vaginal chitosan-based hydrogels: From rheology to mucoadhesion evaluation. 2<sup>nd</sup> Conference Innovation in Drug Delivery, From preformulation to development through innovative evaluation process, October 3-6<sup>th</sup> **2010**, AIX-EN-PROVENCE, FRANCE.
- [35] MITRI K, VAUTHIER C, PONCHEL G, ANSELM C, VACHON J-J, LOUIS S, **BOUCHEMAL K**. Scale-up of nano-emulsion produced by spontaneous emulsification method. 2<sup>nd</sup> Conference Innovation in Drug Delivery, From preformulation to development through innovative evaluation process. October 3-6<sup>th</sup> **2010**, AIX-EN-PROVENCE, FRANCE.
- [34] HANNO I, ANSELM C, PONCHEL G, **BOUCHEMAL K**. Oil containing polyamide nanocapsules. 2<sup>nd</sup> Conference Innovation in Drug Delivery, From preformulation to development through innovative evaluation process. October 3-6<sup>th</sup> **2010**, AIX-EN-PROVENCE, FRANCE.
- [33] OTHMAN M, **BOUCHEMAL K**, DESMAËL D, MORVAN E, DAOUD-MAHAMMED S, POUIGET T, COUVREUR P, GREF. A comprehensive study of the spontaneous formation of nanoassemblies in water using two associative polymers. 24<sup>th</sup> Annual Meeting of the GTRV, December 7-9<sup>th</sup> **2009**, PARIS, FRANCE.
- [32] **BOUCHEMAL K**, FATTAL E, ROQUES C, AGNELY F, KOFFI A, PONCHEL G. What's new in the investigation of block copolymer self-organization into micelles? 24<sup>th</sup> Annual Meeting of the GTRV, December 7-9<sup>th</sup> **2009**, PARIS, FRANCE.
- [31] PISANI E, M. MICHÈLE. SAINTE-CATHERINE V. GARREAU C, HAYES V, **BOUCHEMAL K**, PONCHEL G, LEBEL-BINAY S, SOMA E. Oral Irinotecan sustained release nanoparticles: formulation optimization and *in vitro* release profiles.

American Association of Pharmaceutical Scientists Annual Meeting and Exposition, November 8-12<sup>th</sup> 2009, LOS ANGELES, USA.

[30] FRELICHOWSKA J, [BOUCHEMAL K](#), MARTIN L, KESSLER P, AGNELY F, KOFFI A. A, PONCHEL G. Mucoadhesive vaginal hydrogels containing the CD4 miniprotein M48 as a novel anti-HIV microbicide. Journées de la recherche de l'IFR 141. Faculté de Pharmacie, 12 novembre 2009, CHATENAY-MALABRY, FRANCE.

[29] AKA-ANY-GRAH A, [BOUCHEMAL K](#), AGNELY F, KOFFI A. A, PONCHEL G. Importance of vaginal fluid dilution on rheological and mucoadhesive properties of pluronic-based hydrogels. Journées de la recherche de l'IFR 141. Faculté de Pharmacie, 12 novembre 2009, CHATENAY-MALABRY, FRANCE.

[28] OTHMAN M, [BOUCHEMAL K](#), COUVREUR P, DESMAELE D, BATTISTINI E, DURAND P, GREF R. Mechanism of formation of a nanoparticulate self-assembling system and its interaction with functionalised gadolinium complex. 36<sup>th</sup> CRS Annual Meeting, July 18-22<sup>nd</sup> 2009, COPENHAGEN, DENMARK.

[27] AGÜEROS M, PONCHEL G, CAMPANERO M. A, VAUTHIER C, [BOUCHEMAL K](#), IRACHE J. M. Cyclodextrin-poly(anhydride) nanoparticles as carriers for oral delivery of paclitaxel. 36<sup>th</sup> CRS Annual Meeting, July 18-22<sup>nd</sup> 2009, COPENHAGEN, DENMARK.

[26] KOFFI A. A, AGNELY F, MAKKI A, TONELLI G, DJABOUROV M, [BOUCHEMAL K](#), PONCHEL G, GROSSIORD J-L. Thermosensitive and mucoadhesive gels intended for the rectal administration of quinine. 35<sup>th</sup> CRS Annual Meeting, July 12-16<sup>th</sup> 2008, NEW YORK, USA.

[25] [BOUCHEMAL K](#), KOFFI A. A, AGNELY F, TONELLI G, DJABOUROV M, AKA-ANY-GRAH A, PONCHEL G. Contemporary approach for Understanding micellization and gelation relationship of poloxamer 407 based pharmaceutical formulations. 35<sup>th</sup> CRS Annual Meeting, July 12-16<sup>th</sup> 2008, NEW YORK, USA.

[24] [BOUCHEMAL K](#), SEGURA-SÁNCHEZ F, SANTOS-MAGALHÃES N, PONCHEL G. Understanding of the complexation mechanism between (+)-usnic acid and cyclodextrins using Isothermal Titration Calorimetry. 35<sup>th</sup> CRS Annual Meeting, July 12-16<sup>th</sup> 2008, NEW YORK, USA.

[23] MAZZAFERRO S, [BOUCHEMAL K](#), VAUTHIER C, CAMPOS-REQUENA V-H, GUEUTIN C, PALMIERI G-F, PONCHEL G. Poly(isobutylcyanoacrylate) nanoparticles decorated with thiolated chitosan: strategies for Leu-enkephalin controlled release. 35<sup>th</sup> CRS Annual Meeting, July 12-16<sup>th</sup> 2008, NEW YORK, USA.

[22] ROQUES C, [BOUCHEMAL K](#), PONCHEL G, FROMES Y, FATTAL E. Structural modifications related to temperature and medium influence *in vivo* efficiency of amphiphilic polymers/DNA systems. 35<sup>th</sup> CRS Annual Meeting, July 12-16<sup>th</sup> 2008, NEW YORK, USA.

[21] ROQUES C, [BOUCHEMAL K](#), SALMON A, FATTAL E, FROMES Y. Relation between parameters influencing organization of amphiphilic polymers/DNA systems and their *in vivo* efficiency. American Society of Gene Therapy (ASGT) Annual Meeting, May 28<sup>th</sup> – June 1<sup>st</sup>, 2008, BOSTON, MASSACHUSETTS, USA.

[20] ROQUES C, [BOUCHEMAL K](#), FROMES Y, FATTAL E. Influence of formulation parameters on organization of amphiphilic polymers/DNA systems and on their *in vivo* efficiency. European Workshop on Particulate Systems (EWPS), May 30-31<sup>st</sup> 2008, BERLIN, GERMANY.

[19] ROQUES C, [BOUCHEMAL K](#), SALMON A, FATTAL E, FROMES Y. Non-viral vectors based on amphiphilic polymers: parameters influencing their *in vivo* efficiency. Myologie May 26–30<sup>th</sup> 2008, MARSEILLE, FRANCE.

[18] [BOUCHEMAL K](#), KOFFI A. A, AGNELY F, PONCHEL G. Understanding of the micellization mechanism of poloxamer 407 based formulations using High-Sensitivity Titration Microcalorimeter. 6<sup>th</sup> world Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, April 7-10<sup>th</sup> 2008, BARCELONA, SPAIN.

[17] SEGURA-SÁNCHEZ F, [BOUCHEMAL K](#), CAMMAS-MARION S, MARTÍNEZ-BARBOSA E, MONTEBAULT V, FONTAINE L, PONCHEL G. Elaboration and characterization of composite poly(benzyl glutamate) nanoparticles with optimized targeting capabilities. 6<sup>th</sup> world Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, April 7-10<sup>th</sup> 2008, BARCELONA, SPAIN.

[16] KOFFI A. A, AGNELY F, MAKKI A, TONELLI G, DJABOUROV M, [BOUCHEMAL K](#), PONCHEL G, GROSSIORD J-L. *In vitro* and *in vivo* characterization of thermosensitive poloxamer 407 based formulations intended for the rectal administration of Quinine. 6<sup>th</sup> world Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, April 7-10<sup>th</sup> 2008, BARCELONA, SPAIN.

[15] [BOUCHEMAL K](#), CAMPOS-REQUENA V-H, VAUTHIER C, MAZZAFERRO S, PONCHEL G. Peptide oral delivery using poly(isobutylcyanoacrylate) nanoparticles coated with thiolated chitosan: Optimization of the encapsulation

process. 6<sup>th</sup> world Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, April 7-10<sup>th</sup> **2008**, BARCELONA, SPAIN.

[14] [SEGURA-SANCHEZ F](#), [BOUCHEMAL K](#), SANTOS-MAGALHAES M. S, VAUTHIER C, PONCHEL G. Complexation between (+)-usnic acid and cyclodextrins studied by isothermal titration microcalorimetry (ITC) and solubilisation essays. Journées de la recherche de l'IFR 141, Faculté de Pharmacie, 22 novembre **2007**, CHATENAY-MALABRY, FRANCE.

[13] [BOUCHEMAL K](#), KOFFI A. A, AGNELY F, PONCHEL G. Micellization and thermosensitive property characterization of pluronic® F-127 using ITC. Journées de la recherche de l'IFR 141, Faculté de Pharmacie, 22 novembre **2007**, CHATENAY-MALABRY, FRANCE.

[12] [SEGURA-SANCHEZ F](#), [BOUCHEMAL K](#), SANTOS-MAGALHAES M. S, VAUTHIER C, PONCHEL G. Microcalorimetric investigation of the complexation mechanism between (+)-usnic acid and cyclodextrins. 22<sup>nd</sup> Annual Meeting of the GTRV, December 17-19<sup>th</sup> **2007**, STRASBOURG, FRANCE.

[11] [BOUCHEMAL K](#), KOFFI A. A, AGNELY F, PONCHEL G. Thermodynamic investigation of micellization and thermosensitive properties of pluronic® F127 using High-Sensitivity Titration Microcalorimeter. 22<sup>nd</sup> Annual Meeting of the GTRV, December 17-19<sup>th</sup> **2007**, STRASBOURG, FRANCE.

[10] CAMPOS-REQUENA V-H, [BOUCHEMAL K](#), [VAUTHIER C](#), BRAVO-OSUNA I, PONCHEL G. Thiolated chitosan coated poly(alkylcyanoacrylate) nanoparticles for the oral delivery of Leu-Enkephalin. 16<sup>th</sup> International Symposium on Microencapsulation, September 9-12<sup>th</sup> **2007**, LEXINGTON, KENTUCKY, USA.

[9] [SEGURA-SANCHEZ F](#), [BOUCHEMAL K](#), SANTOS-MAGALHÃES N, [VAUTHIER C](#), PONCHEL G. Isothermal titration calorimetric investigation of the complexation of usnic acid with various cyclodextrins. 16<sup>th</sup> International Symposium on Microencapsulation, September 9-12<sup>th</sup> **2007**, LEXINGTON, KENTUCKY, USA.

[8] [BOUCHEMAL K](#), BRIANÇON S, CHEVALIER Y, BONNET I, FESSI H. Stability studies of the polyurea nanocapsules obtained by combined spontaneous emulsification and interfacial polycondensation. 5<sup>th</sup> World meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, March 27-30<sup>th</sup> **2006**, GENEVA, SWITZERLAND.

[7] [BOUCHEMAL K](#), BRIANÇON S, COUENNE F, FESSI H, PERRIER E, TAYAKOUT M. Swellable polymeric nanoparticles: Modelling, validation and effect of operating conditions on wall thickness and polymer porosity. 31<sup>st</sup> Annual meeting and exposition of the Controlled Release Society, June 12-16<sup>th</sup> **2004**, HONOLULU, HAWAII, USA.

[6] [BOUCHEMAL K](#), BRIANÇON S, BONNET I, PERRIER E, FESSI H. Studies of the percutaneous permeation of a new polymeric nanocapsules through the pig skin. 18<sup>th</sup> Annual Meeting of the GTRV, December 11-12<sup>th</sup> **2003**, LILLE, FRANCE.

[5] [BOUCHEMAL K](#), BRIANÇON S, LIETO J, BONNET I, PERRIER E, FESSI H. Synthesis and characterization of polyurethane and poly(ether urethane) nanocapsules. Rhodia International Conference, July 15-17<sup>th</sup> **2003**, LYON, FRANCE.

[4] [BOUCHEMAL K](#), BRIANÇON S, BONNET I, PERRIER E, FESSI H. 7<sup>èmes</sup> Journées Scientifiques de l'Ecole Doctorale Interdisciplinaire Sciences Santé, 11 avril **2003**, Campus de la Doua, LYON, FRANCE.

[3] [BOUCHEMAL K](#), PERRIER E, BRIANÇON S, BONNET I, FESSI H. Synthesis and characterization of nanoparticles for cosmetic applications using a new technique of interfacial polycondensation combined with spontaneous emulsification. 17<sup>th</sup> Annual Meeting of the GTRV, December 12-13<sup>th</sup> **2002**, PARIS, FRANCE.

[2] [BOUCHEMAL K](#), ZYDOWICZ N, BRIANÇON S, CHAUMONT P, FESSI H. Microencapsulation of Dehydroepiandrosteron (DHEA) with poly(ortho esters) polymers by interfacial polycondensation. 29<sup>th</sup> Annual meeting and exposition of the Controlled Release Society (CRS), July 20-25<sup>th</sup> **2002**, SEOUL, KOREA.

[1] [BOUCHEMAL K](#), ZYDOWICZ N, BRIANÇON S, CHAUMONT P, FESSI H. A new technique of interfacial polycondensation on anhydrous conditions for poly(ortho esters) microcapsules synthesis. 13<sup>th</sup> International Symposium on Microencapsulation, September 5-7<sup>th</sup> **2001**, ANGERS, FRANCE.