

Matériaux Innovants Actifs contre les Dérèglements de la Résorption Osseuse.

Liste des Publications :

S. JOSSE, C. FAUCHEUX, A. SOUEIDAN, G. GRIMANDI, D. MASSIOT, B. ALONSO, P. JANVIER, S. LAÏB, O. GAUTHIER, G. DACULSI, J. GUICHEUX, B. BUJOLI, et J.M. BOULER, *Adv. Mater.*, **2004**, *16*, 1423-1427. Chemically modified calcium phosphates as novel materials for bisphosphonate delivery.

S. JOSSE, C. FAUCHEUX, A. SOUEIDAN, G. GRIMANDI, D. MASSIOT, B. ALONSO, P. JANVIER, S. LAÏB, P. PILET, O. GAUTHIER, G. DACULSI, J. GUICHEUX, B. BUJOLI et J.M. BOULER, *Biomaterials*, **2005**, *26*, 2073-2080. Novel biomaterials for bisphosphonate delivery.

B. PETER, D.P. PIOLETTI, S. LAÏB, B. BUJOLI, P. PILET, P. JANVIER, J. GUICHEUX, P.-Y. ZAMBELLI, J.-M. BOULER et O. GAUTHIER, *Bone*, **2005**, *36*, 52-60. Calcium phosphate drug delivery system: influence of local Zoledronate release on bone implant osteointegration.

J. GUICHEUX, A. SOUEIDAN, J.M. BOULER, B. BUJOLI et P. JANVIER, *Drug Discovery Today*, **2005**, *10*(2), 156-157. Calcium phosphate biomaterials for the delivery of anti-osteoporotic drugs.

H. ROUSSIERE, G. MONTAVON, S. LAIB, P. JANVIER, B. ALONSO, F. FAYON, M. PETIT, D. MASSIOT, J.-M. BOULER et B. BUJOLI, *J. Mater. Chem.*, **2005**, *15*(35-36), 3869-3875. Hybrid materials applied to biotechnologies : coating of calcium phosphates for the design of implants active against bone resorption disorders.

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D.P. PIOLETTI, O. GAUTHIER, V. STADELMANN, B. BUJOLI, J. GUICHEUX, P.-Y. ZAMBELLI et J.-M. BOULER, *Current Drug Delivery*, **2008**, *5*, 59-63. Orthopedic implants used as drug delivery systems: clinical situation and state of the research.

H. ROUSSIERE, F. FAYON, B. ALONSO, T. ROUILLON, V. SCHNITZLER, E. VERRON, J. GUICHEUX, M. PETIT, D. MASSIOT, P. JANVIER, J.-M. BOULER, B. BUJOLI, *Chem. Mater.*, **2008**, *20*, 182-191. Reaction of Zoledronate with β -tricalcium phosphate, for the design of potential drug device combined systems