

The background features a large, faint watermark of the University of Boumerdes logo. The logo is circular and contains a sun, a book, and Arabic calligraphy. Below the logo is a ribbon banner with the university's name in French and English.

# Laboratoire Traitement et Mise Forme des Polymères Fibreux

Université de Boumerdes  
University of Boumerdes

Laboratoire

## Traitement et Mise en Forme des Polymères Fibreux

Agréé en Décembre 2003

Directeur : **ALIOUCHE Djamel**

Grade : Professeur

### Publications Internationales :

#### Année 2011 :

- Ghemmit-Doulache N.; Khireddine H.; Si Salah D., « Verification of Levich law. Determination of hydrogen currents according to temperature and polarization potential during calcareous deposition » Journal of Environmental Science and Engineering, vol. 5 (10), pp. 1269-1275, (2011).
- Ouslimani N., Zibouche F., Iratni A. and Abadlia M-T., Adsorption of Yellow Bemacid CM-3R dye from Aqueous Solutions onto Raw and Sodium Bentonite, Asian Journal of Chemistry, Vol. 24 N°2, pp.673-676, (2011).

#### Année 2010 :

- Meski S., Ziani S., Khireddine H., « Removal of lead Ions by hydroxyapatite prepared from the egg shell », Journal of chemical and engineering data, Vol 55, N°9, pp. 3923-3928 , (2010).
- Meski S., Khireddine H., Ziani S., Rengaraj S., Sillanpaa M., « Comparative study on the removal of zinc(II) by bovine bone, billy goat bone and synthetic hydroxyapatite », Desalination and water treatment, Vol 16, N°1-3, pp. 271-281, (2010).
- Dahou W., Ghemati D., Oudia A., Aliouche D., « Preparation and biological characterization of cellulose graft copolymers », Biochemical Engineering Journal, Vol 48, N°2, pp. 187-194, (2010).

#### Année 2009 :

- Ghemati D., Oudia A., Aliouche D., Lamouri S., « Biotreatment on cellulose pulp: quaternary ammonium salts finish and grafting with B-cyclodextrin », Appl Biochem Biotechnol, Vol 159, pp. 532-544, (2009).
- Ghemati D., Aliouche D., « Synthesis and characterization of porous materials containing modified cellulose by B-cyclodextrin for the application in processing industrial liquid waste », Trans Tech Publication, Vol 609, pp. 287-291, (2009).

- Ghemmit N., Khireddine H., Bourouina M., Boudissa N., « Study of the anti deposit effect of 2-hydroxy,4-methylbenzylphosphonic acid », Asian Journal of Chemistry, Vol 21, N°3, (2009).

#### **Année 2008 :**

- Maachou H., Bal K.E., Bal Y., Aliouche D., Changes A. & Cote G., « Characterization and In Vitro Bioactivity of Chitosan/Hydroxyapatite Composite Scaffold Prepared By Freeze-Gelation Method », Trends in Biomaterial & Artificial Organs Journal, Vol 22, N°1, pp. 15-26, (2008).
- Maacho H., Bal K.E., Bal Y., Changes A., Cote G., Aliouche D., « Characterization and in vitro bioactivity of chitosan/hydroxyapatite composite membrane prepared by freeze-gelation method », Trens Biomater Artif Organs, Vol 22, pp. 15-24, (2008).
- Djilali N.E., Daddi Oubekka L., « Polymérisation cationique du styrène par anode soluble », Revue Roumaine de Chimie, Vol 53, pp. 239-245, (2008).
- Ghemati D., Ouadi a., Aliouche D., Lamouri S., « Biotreatment on cellulose fluff pulp : quaternary ammonium salts finish and grafting with  $\beta$ -cyclodextrin», Appl Biochem Biotechnol, Humana press.
- Djelali N., Daddi Oubekka L., « Cationic polymerization of styrene by anodic dissolution », Roumanian Journal of Chemistry, Vol 53, N° 3, pp.239-245, (2008).

#### **Année 2007 :**

- Djelali N-E., Daddi Oubekka L., « Polymérisation cationique du styrène par anode soluble », Revue Roumaine de Chimie, 53(3), (2007).

#### **Année 2006 :**

- Djelali N-E., Aliouche D., Daddi Oubeika L., Pierre G., « Cationic polymerization of 1,3-dioxolane using sacrificial anodes », Asian Journal of Chemistry, Vol 18, N°3, pp. 1839-1844, (2006).
- Aliouche D., Ait-Amar H. Sid B., « Graft-copolymerisation of acrylic monomers onto cellulose. Influence on fibre swelling and absorbency », Annales de chimie Science des Matériaux, vol 5, N°31, pp.527-540, (2006).
- Djelali N-E., Aliouche D., « Polymérisation de l'Allylglycidylether par anodes sacrificiels », Physical & Chemistry News, vol 32, pp. 16-18, (2006).

**Année 2005 :**

- Aliouche D., Djelali N.E., « Grafting of a acrylic monomers onto cellulose influence on fibre absorbency », Physical .Chemistry. News, Vol 25, pp. 34-41, (2005).
- Djelali N-E., Aliouche D., Pierre G., « Study of the aluminum cation resulting from anodic dissolution in nonaqueous medium », Physical & Chemistry News, Vol 23, pp. 61-66, (2005).
- Aliouche D., Djelali N.E., « Influence des Hydrogels sur le mecanisme de gonflement de structures absorbantes fibreuses dans l'eau et dans les solutions de sels», Euro-Asian Journal of Applied Sciences, Vol 1, N°3, pp. 73-86, (2005).
- Djelali N.E. , Aliouche D., Daddi Oubeka L., « Dosage des cations vanadium issus electrochimiquement en milieu non aqueux », European Journal of Scientific Research, Vol 4.