

# PHARMACEUTICAL CHEMISTRY

## BABALOLA Chinedum Peace

**Babalola C. P.**, Oguntuase F., Ademowo G. and Ameh S. (2011) Effect of caffeine co-administration with halofantrine and other antimalarials on parasite clearance in *Plasmodium berghei* infected mice. *International Journal of Comprehensive Pharmacy* (in Press)

**Babalola C. P.**, Ajayi O., Kotila O., and Ameh S. (2011) In-Vitro Interaction Studies Of Lumefantrine With Antacids. *International Journal of Comprehensive Pharmacy* (in Press)

Ameh S. J., Obodozie O.O., **Babalola C. P.**, Gamaniel K. S. (2011) Medical Herbalism and Clinical Research: A global Perspective. *British Journal of Pharmaceutical Research*; 1(4): 99-123I

**Babalola C. P.**, Awolaye S. A., Akinyemi J. O., Kotila O. A. (2011) Evaluation of prescription pattern in Osun State (Southwest) Nigeria. *Journal of Public Health & Epidemiology*, 3(3): 94-98

**Babalola C. P.**, Kotila O. A., Dixon P. A. F., Oyewo E. E. (2011) Disposition of quinine and its major metabolism 3-hydroxyquinine in points with liver diseases. *Research in Pharmaceutical Biotechnology*, 3(3): 25-29

Adegoke O.A., **Babalola C. P.**, Isaac P.O.K., Kotila O. A. (2011): 'Spectrophotometric studies of the charge-transfer complexation between Lumefantrine and chloranic acid' *Acta Pharmaceutica Scientia* 53:135-149

CDI group: Amazigo U., **Babalola C. P.** et al (2010) 'Community-Directed interventions for priority health problems in Africa: results of a multicountry study' *Bulletin of World Health Organisations* 88(7):509-518

**Babalola, C. P.**, Adejumo O., Din U., Zhiheng X., Odetunde A., Kotila T., Falusi A.G., Nagar S. (2010): 'Cytochrome P450 CYP2C19 genotypes in sickle cell disease patients and normal controls'. *Journal of Clinical Pharmacy and Therapeutics*. 35:471-477

## IDOWU Sunday Olakunle

Adegoke, A.O., Ogunleye, A.O., Lawal, O.T., **Idowu, S.O.** and Adeniyi-Akee, M.A. (2010). Antimicrobial properties of 4-carboxyl-2,6-dinitrophenylazo hydroxynaphthalenes. *African Journal of Microbiology Research*, 4(22):2444-2450.

Adegoke A.O. and **Idowu, S.O.** (2010). Solvatochromic behaviours and structure-spectra relationships of 4-carboxyl-2,6-dinitrophenylazo hydroxynaphthalenes. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*; 75:719-727.

Adegoke, A.O., **Idowu, S.O.**, Daramola, O.P. and Ogunsanya, O.S. (2010). Derivatization of artemisinin derivatives using 4-carboxyl-2,6-dinitrobenzenediazonium (CDNBD) ion. *Acta Pharmaceutica Scientia*, 52(3):269-280

**Idowu, S.O.** and Adeyemo, M.A. (2010). Engineering a biomimetic artificial membrane for lipophilicity profiling of drugs and xenobiotics. Conference Programme and Book of Abstracts, *Biotechnology for Health and Development; 2nd Unibadan Biomedical Conference*, Abstract A1-1, p46, 7-9 July, 2010, University of Ibadan, Ibadan, Nigeria.

### **ADEGOKE Aremu Olajire**

**Adegoke A.O.** and Idowu S.O. (2010): Solvatochromic behaviours and Structure-spectra relationships of 4-Carboxyl-2, 6-dinitrophenylazohydroxynaphthalenes. *Spectrochimica Acta Part A (Molecular and Biomolecular Spectroscopy)* 75: 719-727

**Adegoke A.O.**, Umoh O.E. and Soyinka J.O. (2010): Spectrophotometric Determination of Metronidazole and Tinidazole via charge transfer complexation using chloranilic acid. *Journal of the Iranian Chemical Society* 7(2): 359-370

**Adegoke A.O.**, Idowu S.O., Daramola O.P. and Ogunsanya O.S. (2010): Derivatization of artemisinin derivatives using 4-Carboxyl-2,6-dinitrobenzene diazonium (CDNBD) ion. *Acta Pharmaceutica Scientia* 52 (3): 269-280.

Olayemi F.O., Raji Y., **Adegoke A. O.** and Oyeyemi M. O. (2010): Haematological Profiles in male rats treated with methanolic extract or chromatographic fractions of *Cnestis ferruginea* (de Candolle). *Journal of Medicinal Plant Research* 4 (16):1678-1681.

Ochekpe N., **Adegoke A. O.** and Agbowuro A. (2010): Rapid Spectrofluorimetric determination of chloroquine phosphate tablets. *International Journal of Drug Development and Research* 2 (2):412-417.

**Adegoke A. O.** and Balogun B. B. (2010): Spectrophotometric determination of some Quinolones antibiotics following oxidation with cerium sulphate. *International Journal of Pharmaceutical Sciences Review and Research* 4(3):1-10.

**Adegoke A. O.**, Ogunleye A. O., Lawal T. O., Idowu S. O. and Adeniyi-Akee M. A. (2010): Antimicrobial Properties of 4-carboxyl-2,6-dinitrophenylazohydroxynaphthalenes. *African Journal of Microbiology Research* 4 (22): 2444-2450.

Olayemi F.O., Raji Y., **Adegoke A. O.** and Oyeyemi M. O. (2010): Effect of Acute and Chronic Administration of the methanol extract of the root of *Cnestis ferruginea* on the haematological and some biochemical profiles of male rats. *Tropical Veterinarian* 28 (4): 11-19.

- Adegoke A. O.**, Babalola C. P., Isaac P. O. K. and Kotila O. A. (2011): Spectrophotometric studies of the charge-transfer complexation between Lumefantrine and Chloranilic acid in acetonitrile. *Acta Pharmaceutica Scientia* 53 (1): 135-149.
- Adegoke A. O.** (2011): Spectrophotometric and Thermodynamic studies of the Charge transfer complexation of Nitroimidazoles with Chloranilic acid following metal hydride reduction. *African Journal of Pure and Applied Chemistry* 5(8): 255-264.
- Adegoke A. O.** (2011): Relative Predominance of Azo and Hydrazone Tautomers of 4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes in Binary Solvent Mixtures. *Spectrochimica Acta Part A* 83:504-510 (*Molecular and Biomolecular Spectroscopy*)
- Adegoke A. O.** (2011): Analytical, Biochemical and Synthetic Applications of para-Dimethylaminobenzaldehyde. *International Journal of Pharmaceutical Sciences Review and Research* 11 (2):17-29.
- Olayemi F. O., Raji Y., **Adegoke A. O.** and Oyeyemi M. O. (2011): Effects of methanol root extract of *Cnestis ferruginea* (De Candolle) on some reproductive parameters of male rats. *Tropical Veterinarian* 29 (1):1-11.
- Adegoke A. O.** and Osoye A. O. (2011): Derivatization of Artesunate and Dihydroartemisinin for Colorimetric analysis using p-dimethylaminobenzaldehyde. *Eurasian Journal of Analytical Chemistry* 6 (2): 104-113.
- Aderibigbe S. A., **Adegoke A. O.**, Idowu S. O., Olaleye S. O. (2011): Sensitive Spectrophotometric Determination of Aceclofenac following azo dye formation with 4-Carboxyl-2, 6-dinitrobenzene diazonium ion. *Acta Poloniae Pharmaceutica-Drug Research* 69 (2): 203-211 (Accepted)
- Adegoke A. O.**, Xiang L. L., Idowu S. O., Dong-ying Chen (2011): Highly sensitive liquid chromatographic analysis of artemisinin and its derivatives after pre-column derivatization with 4-Carboxyl-2, 6-dinitrobenzene diazonium ion. *Acta Chromatographica* (Accepted)
- Aderibigbe S. A., **Adegoke A. O.**, Idowu S. O. (2011): A New Colorimetric method for the determination of Nifedipine Tablets by Derivatization using 4-Carboxyl-2,6-Dinitrobenzene Diazonium ion. *International Journal of Industrial Chemistry*. (Accepted)
- Adegoke A. O.** (2011): Chemical Derivatization methodologies for UV-Visible Spectrophotometric determination of Pharmaceuticals. *International Journal of Pharmaceutical Sciences Review and Research* In press. (Accepted)

## **ADEGBOLAGUN, Olayemi Modupe**

**Adegbolagun, O. M.** and Oluwasola O.O. (2010).Effect of light irradiation on the antimicrobial activity of *Zanthoxylumzanthoxyloides* (lam) methanolic extract. *African Journal of Pharmacy and Pharmacology*, 4(4), 145 – 150.

Adegbite, I. A. and **Adegbolagun O. M.** (2011). Evaluation of the physicochemical equivalence of three brands of commercially available quinine sulphate tablets from South Western part of Nigeria. *African Health Sciences*, 11(2): 198 – 204.

**Adegbolagun, O. M.** and Adelowo F. A. (2011). Ultraviolet irradiation of Celecoxib: Absence of adverse biological effect. *Nigerian Journal of Pharmaceutical Sciences*, Vol 15, March 2011.

## **ADERIBIGBE Abidemi Segun**

**Aderibigbe A. S.**, Odeniyi M. A. and Adetunji O. A. (2011): Antimicrobial and Pharmaceutical Properties of *Leucaenaleucocephala* seed oil. *African Journal of Biomedical Research* (Nigeria), 14.1: 63 -68,

## **KOTILA Olayinka Adejoke**

Babalola C.P, Dixon P.A.F, Oyewo A.E, **Kotila O.A.** (2011).Disposition of quinine and its major metabolite, 3-hydroxyquinine in patients with liver disease. *Research in Pharmaceutical Biotechnology* 3(3), 25-29.

Awoleye S.A, Akinyemi J.O, **Kotila O.A.**, and Babalola C.P. (2011). Evaluation of prescription pattern in Southwest Nigeria. *Journal of Public Health and Epidemiology* 3(3), 94-98.

Adegoke O.A., Babalola C.P., Isaac P.O.K and **Kotila O.A** (2011). Spectrophotometric studies of the charge-transfer complexation between Lumefantrine and Chloranilic acid in acetonitrile. *Acta Pharmaceutica Scientia* 53:135-149.

Babalola C. P., Ajayi O., **Kotila O.**, and Ameh S. (2011) In-Vitro Interaction Studies Of Lumefantrine With Antacids. *International Journal of Comprehensive Pharmacy* (in Press)