

## AJFAND Online CVs Posting Template

### Name, Nationality, Contact:

**Dr Anthony Olufemi Ajayi**

**Nigerian**

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### Education: (Degree and Professional)

PhD Microbiology

BSc, MSc Microbiology

Posygraduate Diploma in Computer Science

PRINCE2 Foundation Certificate

**Areas of Research:** Fungal antigens and their roles in the pathogenesis and progression of the deep mycoses, their molecular details, their use as biomarkers for the diagnoses of disease i.e. as antigens for the early serological diagnoses of life-threatening systemic infections and as candidate molecules for the development of antimicrobics. The cellular details of immune mechanisms mediating specific fungal infections in animal models with a view to understanding and boosting host defense against fungal infection in the immunocompromised subjects

### Publications: (5 key ones)

1. **Ajayi, A.O.** Adejuyigbe O. and Shonukan O O (2005). The influence of Age-Sex on the pattern of Immunodepression Following Surgery. Journal of Medical Sciences. 5 (3):153-158
2. Bakare M.K., Adewale I.O., **Ajayi A.O.**, Okoh A.I., Shonukan O.O. (2005) Regulatory mutations affecting the synthesis of cellulase in *Pseudomonas fluorescens* African Journal of Biotechnology 4 (8), pp. 838-843,
3. **Ajayi, A. O.**, Falade, O. S., Adewusi, S. A. (2005) Prebiotic Effects of *Sobo* Drink on Colonization Resistance to Experimental Infection with *Staphylococcus aureus* 8588 n Rats Pakistan Journal of Biological Sciences. 8 (6): 860-866
4. Bakare, M.K. Adewale I.O., **Ajayi A.O.**, Shonukan O.O. (2005) Purification and Characterization of Cellulase from the Wild-type and Two Improved Mutants of *Pseudomonas fluorescens* African Journal of Biotechnology Vol. 4 (9), pp. 898-904.
5. Adejuwon AO, Bisi-Johnson MA, **Ajayi AO** and PO Uaboi-Egbenni (2010) Meddling with a cultural heritage: traces of salicylate in adulterated palmwine and health implications. African Journal Of Food, Agriculture, Nutrition And Development (Ajfand) (Accepted for publication)

### Awards and Distinctions: (in life)

Ist Prose Prize: Ife Writers' Workshop Literary Competition 1979; Obafemi Awolowo University, Ile-Ife

### What can you say about yourself that you wish other people to know?

I am a confident, motivated scientist with good laboratory skills and an ability to interact with people at all levels. I am looking for the opportunity to work in an immunology/microbiology, work environment or field that will enable me to use my skills and training. I believe I have the cross-functional skills and experience to succeed in and contribute to a demanding teaching or research environment