

CURRICULUM VITAE



1. GENERAL INFORMATION

Name: **AYIMBA**

Surname: **Essoh**

Date of Birth: 17/08/1972

Place of Birth – Town: Sokodé – Country: Togo

Sex: Male

Nationality: Togolese

Marital status: married

Degrees: **Post-Doc, PhD, Biomedical Engineer**

Qualifications: **Medical and Food Sciences, Biotechnology**

Areas of expertise: **Microbiology, Immunology**

Spoken and written languages: French, English, German

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2. ACADEMIC BACKGROUND

- 2013 - 2014: Post-Doc in University of Lille1, France

Title: « Bacterial Biofilms and their resistance to antibiotics and disinfectants»

- 2012: PhD thesis co-led by the Universities of Lomé (Togo) and Tuebingen (Germany)

Title: «Cytokines and chemokines interaction in infants during immunity against *Plasmodium falciparum* malaria»

- 2006 : Master in Biotechnology in University of Ouagadougou, Burkina Faso

- 2001 : Biomedical Engineer in University of Lomé, Togo

3. PROFESSIONAL BACKGROUND

- Technical Manager in Biological Analyzes of Blood in Immuno-Hematology Laboratories of National Center of Blood Transfusion in Lomé, Togo
- Technical Manager in Laboratories of Microbiology, Immunology and Biochemistry in Regional Hospital (Sokodé-Togo) and in University Hospital (Kara, Togo) from 2002 to 2004.

4. RESEARCH BACKGROUND

Since 2012 : Lecturer in University of Lomé (Ecole Supérieure des Techniques Biologiques et Alimentaires)

5. PUBLICATIONS

- Kuéviakoé IM, **Ayimba E**, Fétéké L, Padaro J, Ségbéna AY. Etude de la densité érythrocytaire par la méthode des gradients de phtalate chez les patients drépanocytaires au CHU-Campus de Lomé (Togo). *J.Rech.Sci. Univ. Lomé* 2005 ; 7 : 95-103
- **Ayimba E**, Heggewald J, Ségbéna AY, Gantin RG, Lechner CJ, Agossou A, Banla M, Soboslay PT. Proinflammatory and regulatory cytokines and chemokines in infants with uncomplicated and severe *Plasmodium falciparum* Malaria. *Clinical and Experimental Immunology* 2011; 04474, 218-226. doi: 10.1111/J.1365-2245.2011.04474.X.
- **Ayimba E**, Ségbéna AY, Soboslay PT. Etude de l'interaction interleukine-10 (IL-10) protéine inflammatoire des macrophages-1 β (MIP-1 β /CCL4) aux différents stades de paludisme à *Plasmodium falciparum* chez l'enfant. *J Rech Sci Univ Lomé* 2011 ; 13: 247-57
- Lechner CJ, Grüner B, Huang X, Hoffmann WH, Kern P, Soboslay PT. **Ayimba E**. Parasite-specific IL-17-type cytokine responses and soluble IL-17 receptor levels in Alveolar Echinococcosis patients. *Clin Dev Immunol.* 2012;2012:735342. doi: 10.1155/2012/735342. Epub 2012 Aug 30.
- Lechner CJ, Komander K, Heggewald J, Huang X, Gantin RJ, Soboslay PT, Agossou A, Banla M, Kohler C, **Ayimba E**. Cytokine and chemokine responses to helminth and protozoan parasites and to fungus and mite allergens in neonates, children, adults, and the elderly. *Immunity & Ageing* 2013, 10:29
- Abozid MM, **Ayimba E**. Effect of omega 3 fatty acids family in human health. *International Journal of Advanced Research* 2014 ; 2 : 202-211
- Abozid MM, Yossuif A, Ashoush YA, A Sakr A, Taha KM, **Ayimba E**. Evaluation of Egyptian Rocket seed oil as a source of essential fatty acids and its hypolipidemic effect in rats fed on high fat diet. *International Journal of Advanced Research* 2014; 2 : 434-441
- **Ayimba E**, Abozid MM. The lower levels of IL-27 and severity of *Plasmodium falciparum* malaria: role of IL-27 in malaria disease control. *International Journal of Chemtech Research Impact Factor* 2014; 6: 3713-3724
- Magnang HJ, Ayimba E, Fétéké L, Mawussi K, Kakoutouli T, Abozid MM, Amou W, Nadjir LK. The ABO-RhD matched red blood cell transfusion, source of alloantigens

occurrence in recipients. (Accepted Reserch Article in “*International Journal of Advanced Research*” to be published in the income issue)

- Nadjir LK, **Ayimba E**, Alfa T, Dakey KA, Abozid MM, Pekpe KM, Kpotsra A, Ameyapoh Y, Chihib NE, Drider D. *Salmonella typhimurium* and *Staphylococcus epidermidis* biofilms resistance to Chlorinated water on plastic surface. (Accepted Research Article in “*International Journal of Pharmtech Research Impact Factor*” to be published in the income issue)

6- Conference participations and oral communications

- Ségbéna AY, Fétéké L, **Ayimba E**. Sécurité transfusionnelle, « Mère-Enfant-Environnement », le laboratoire : son importance dans la gestion des risques. 9^{ème} Rencontres Africaines de Biologie Technique, 4 au 8 octobre 2011, Lomé/Togo

- **Ayimba E**, Gantin R, Ségbéna AY, Banla M, Soboslay PT. Evaluation des cytokines et chémokines plasmatiques au cours de l’infestation par *Plasmodium falciparum* chez les enfants du service de pédiatrie du Centre Hospitalier Régional de Sokodé/Togo, « Academic Exchange and Capacity Building in Tuberculosis and Malaria » in Lomé/Togo (from 23rd until 24th November 2010)

- **Ayimba E**, Ségbéna AY, Soboslay PT. Cytokine anti-inflammatoire (IL-10) et Chémokine pro-inflammatoire (MIP-1 bêta) au cours du paludisme chez les enfants, « Contribution de la recherche scientifique et technologique à la réduction de la pauvreté en Afrique subsaharienne ». XIV édition des *Journées Scientifiques internationales de l’Université de Lomé* du 25 au 29 Octobre 2010

- Regional Workshop gathering Representative Graduates under the Merit and M.Sc Scholarship Programmes of Islamic Development Bank (IDB). Tunis, 20-27 May 2013

- Sustainable Spectroscopy since 1952: 10th European Symposium on Biochemical Engineering Sciences; 6th International Forum on Industrial Bioprocesses. September 7-10, 2014, Lille (France)

- **Ayimba E**, Alfa T, Dakey KA, Abozid MM, Pekpe KM, Kpotsra A, Ameyapoh Y. Impact du Biofilm Environnemental dans l’Infection des Souches Résistantes de *Escherichia coli* a l’homme. *Journées Scientifiques Internationales de Lomé*(XVI^è édition) 2014.

- **AYIMBA E**, Chihib NE, Drider D. Emergence of antimicrobial resistance and impact of environmental biofilm in resistant strains infection to human. *Ecole Thématique CNRS 2014, XII^è Forum Jeunes Chercheurs “Bio-deterioration des Matériaux : interactions biofilms-alliages métalliques ou béton* ». Université Pierre et Marie-Curie, Paris, France.

7. REFERENCES

Nour-Eddine CHIHIB

Maître de Conférences, HDR

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22th September 2014, **Dr Essoh AYIMBA**