

## List of Publications

### A. Refereed Journals

1. Odeku, O. A., Aderogba, A. A., Ajala, T. O. **Akin-Ajani, O. D.**, Okunlola A. (2017) Formulation of floating metronidazole microspheres using cassava starch (*Manihot esculenta*) as polymer. *Journal of Pharmaceutical Investigation* DOI 10.1007/s40005-017-0319-7
2. Ajala, T. O., **Akin-Ajani, O. D.**, Ihuoma-Chidi, C., Odeku, O. A. (2016) *Chrysophyllum albidum* mucilage as a binding agent in paracetamol tablet formulations. *Journal of Pharmaceutical Investigation* 46 (6): 565 – 573 DOI 10.1007/s40005-016-0266-8
3. **Akin-Ajani, O. D.**, Itiola, O. A. and Odeku, O. A. (2015) Evaluation of the disintegrant properties of native and modified forms of fonio and sweet potato starches. *Starch/Stärke* Vol. 68. No. 1-2. 169-174
4. **Akin-Ajani, O. D.**, Itiola, O. A. and Odeku, O. A. (2014) Effect of acid modification on the material and compaction properties of fonio and sweet potato starches. *Starch/Stärke* Vol. 66. No. 7-8. 749-759
5. Dare K, **Akin-Ajani D.O.**, Odeku O. A, Odusote O. M, and Itiola O. A. (2006) Effects of pigeon pea and plantain starches on the compressional, mechanical and disintegration properties of paracetamol tablets. *Drug Dev. & Industrial Pharmacy*. *Drug Dev. & Industrial Pharmacy*; 32(3): 357- 365
6. **Akin-Ajani O. D.**, Itiola O. A. and Odeku O. A. (2005). The effects of plantain and corn starches on the mechanical and disintegration properties of paracetamol tablets. *AAPS PharmSciTech.*; 6(3): 458 - 463

### B. Published Conference Proceedings

1. **Akin-Ajani O. D.** and Itiola O. A., 2013. Disintegrant Properties of Natural and Acid Modified Fonio and Sweet Potato Starches in Tablet Formulation. *The Nigerian Journal of Pharmacy*, 47(2): 77

### C. Books/Chapter in a book

1. Ajala T. O., **Akin-Ajani O. D.**, Odeku O. A., 2013. Recent Advances in Oral Drug Delivery Systems. In: **Recent Advances in Drug Delivery Research**. Editors: Violiani, V., Nova Science Publishers Inc., NY, USA. Chapter 2, pp. 33-51. ISBN: 978-1-62948-228-6