

Brief interview with Dr. Michael Danquah

Translational Medicine

1. How many years have you been practicing and/or performing research?

11 years.

2. What is the research topic you are working on now?

My current research focuses on cancer therapeutics and biomaterials for drug delivery.

My group investigates novel therapeutic approaches for treating breast and prostate cancer. Specifically, our efforts are centered on utilizing a combination therapy approach to target pivotal pathways involved in breast and prostate cancer. We explore both small molecule and nucleic acids as therapeutic agents. Following proof of concept, we employ nanotechnology to enhance the overall efficacy of identified therapeutic agents by improving drug solubility, stability and tumor site-specificity. Our group develops novel biodegradable polymers for small molecule and nucleic acid delivery. We use a computational material science approach to design a series of polymers possessing varying composition of polyesters and polycarbonates tailored to the chemical and physical properties of the therapeutic agent. Subsequently, we synthesize and characterize a library of polymers exhibiting different chemical and physical features and examine the effect of these variations on drug loading, release kinetics and biological effectiveness.

3. What makes an article top quality? What are the qualities you look for in an article?

A top quality article is hypothesis driven, has a clearly presented research problem founded and designed on sound theory. Also, the findings presented in a top article should contribute new insight and move the field forward. The more ground breaking the

better. Furthermore, conclusions should be based on the research findings and its theoretical or practical significance clearly discussed. Additionally, an article should be well written, organized and possess useful content. It should contain relevant and professional looking illustrations.

4. Do you have any research funding (NIH or other national funding) now?

No extramural funding presently. However I do have some internal funding.

5. When did you become an editor of OMICS Journal?

November 2013.

6. What is your greatest career accomplishment?

My greatest career accomplishment is being able to train the next generation of pharmacists and pharmaceutical scientists. As a professor that is the metric by which I measure success.

7. What is the purpose of serving as an editor?

To contribute in making the journal a high impact one in its niche by ensuring excellent peer review process, selecting appropriate articles for publishing and making recommendations to other editors.

8. Have you contributed any editorials or papers (any types) to OMICS Journals in the past two years?

No. However, I am in the process of submitting some.

9. Do you plan to contribute any editorials or papers to OMICS Journals in the next year?

Yes.

10. Do you have any trouble with OMICS Journals in the past?

No

11. Would you recommend OMICS to your friends or colleagues?

Yes. I recommend OMICS journals and conferences to my colleagues whenever I get the chance.