Respected Sir,

I feel excited to apply for the position of “Staff Scientist - Assistant Level” at Sidra Medical and Research Center, Qatar. I believe that my previous academic and professional record make me one of most suitable candidate for this position as described below briefly.

My current research interests are in breast cancer evolution, intratumor heterogeneity in primary tumor and metastasis, and targeted therapies based on molecular evidence and drug-able mutations. To investigate these phenomena, I mainly use next generation DNA- and RNA-sequencing data (and some array-based data where necessary). My PhD research was related to inferring evolutionary relationships in genes and species using phylogenetic methods.

I have extensive research experience in Life Sciences especially cancer, both at the computational and the clinical/biological level. At the computational level, I have developed robust models and methods to study evolutionary patterns in genes and species. At the clinical/biological level, I have successfully applied phylogenetic methods to study tumor progression patterns in metastatic breast cancer using next generation RNA- and DNA-sequencing data. These analyses have revealed important clinical and biological aspects of metastatic breast cancer as indicated by impact factor of the journals in which these results have been published (or accepted for publication). A list of my published papers can be found on <https://scholar.google.se/citations?user=HjM0XDoAAAAJ> while selected list of accepted papers are given in my CV and can be shared on request.

I believe that top-notch discoveries in any field are expedited by multi-disciplinary and collaborative research environment. In this regard, I would like to mention that I have strong research connections in Sweden and elsewhere in EU that would be very beneficial in accelerating the current pace of biomedical research at Sidra Medical and Research Center.

I understand that, being one of top research centers in the region, Sidra Medical and Research Center is looking for excellent researchers. Based on my academic and professional history, I can claim that, wherever I have worked, I have always been one the top resources in my team.

I am optimistic to hear from you.

Best regards,

Ikram Ullah, PhD

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