

March 11, 2023.

The University of Birmingham  
Birmingham  
United Kingdom

Dear Prof. Cazier and Sadler,

I want to express my interest in the position of Assistant Professor in Bioinformatics (Dubai) - Institute of Cancer and Genomic Sciences. I believe that with my teaching experience and expertise in molecular biology, biostatistics and Genomics data analysis, I can fulfill the duties and responsibilities associated with the role. This position is the right opportunity that I am looking for in the next phase of my career as this provides the right balance of teaching and research

In my current role, I actively support research analysis and train researchers in Genomics and data science. This means that I must keep up with recent advances in genomics and data science and help researchers achieve the state-of-the-art data analytics for their grants and publication. I am always very passionate about teaching, and throughout my career in research, I have used every teaching opportunity that came my way. This position is an exciting opportunity to shape or develop the MSc Bioinformatics teaching program to train individuals that can pursue a career in academia or Industry.

I closely work with researchers/clients from Academia and Industry and understand the emerging trends in the Bioinformatics data analysis space in both sectors. Based on the future demands and emerging technologies, our facility is gearing up to offer a bioinformatics certificate program that will equip participants with skills needed by future bioinformaticians from the fall of 2023. I actively teach in our monthly workshops offered virtually and attended by national and international participants. Workshops are one of the most popular activities and are always oversubscribed. I have designed and developed the course material for these workshops and set feedback that helps me further refine and develop the material. I have competency testing exercises for some of the courses where I issue certificates. I also collaborate with other subject streams or teaching programs and deliver lectures on the bioinformatics subjects that are integral parts of those courses. As a thesis committee member, I have provided feedback and suggestions to research students to help them steer through their genomics data analysis. Many of these analyses have been published in peer-reviewed journals.

As Associate Director, I am involved in the day-to-day management of the core, which involves a broad spectrum of duties, including reviewing the work of core members on a regular basis to get feedback on ongoing projects and other support activities. I am also invested in the professional development of core members, and I encourage and facilitate core members to attend subject-specific conferences and workshops.

My current role does not allow me to apply for grant applications on my own, but I have helped PIs draft grant applications, and in some applications, I am involved in the capacity of coPI. I closely collaborate with many research labs and have been part of many successful publications in high-ranking peer-reviewed journals.

My CV is attached for a more detailed account of my skills and responsibilities. I will be happy to discuss to address any areas of concern you may have regarding my suitability for the post.

Thank you for your time and looking forward to hearing from you.

Best,  
Vijender