

OPPORTUNITIES

TO LIVE, WORK, & STUDY AT KAUST

Next Generation Sequencing, Single Cell Genomics and FACS

Lead Staff Scientist

We are seeking a highly motivated staff scientist to lead the interdisciplinary team of Next Generation Sequencing, Single Cell Genomics and FACS facilities in our state-of-the-art Bioscience Core Lab (BCL).

BCL scientists are leaders in cutting-edge technologies in genomics and proteomics and offer expertise in bioinformatics. The successful candidate will be in charge of the operations of highly specialized instruments (including NovaSeq, MiSeq, 10X Chromium, BD Influx, BD Fortessa, Biomek i7, etc) and will participate in developing multiomics methods and applications. They must demonstrate expertise and independent working knowledge in a range of sophisticated instruments and techniques, including nucleic acid extraction, library preparation, sequencing and data analysis.

The lead scientist will be part of a highly-skilled team pushing the boundaries of life science research and technologies to serve BCL and KAUST's research and education mission.



Major Responsibilities

- Lead and develop a team of scientists and technical specialists to deliver omics technologies and conduct routine and customized research analysis, lab procedures and run instruments with minimal supervision.
- Ensure efficient daily operations and provide effective solutions to maximize productivity and impact.
- Lead identification, development, implementation, and assessment of new protocols and technologies. Stay up to date on the most advanced techniques and methodologies and share knowledge with other team members.
- Liaise with vendors, scientific peers and other stakeholders in the best interest of BCL.
- Provide guidance and contribute to experimental design and data analysis to address complex scientific problems independently or in collaboration with other scientists.
- Provide deep technical knowledge on advanced and complex topics including customer issues, workflow optimization and improvement of assays and processes. Provide advice to users and PIs on scientific topics and effective utilization of lab resources.
- Demonstrate independence and critical thinking in designing, executing and troubleshooting experiments and delivering excellent quality data. Interpret data collected in the context of a scientific project or sequencing service, suggest possible next steps and make data-driven decisions.



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APPLY NOW >>



جامعة الملك عبد الله
للعلوم والتقنية
King Abdullah University of
Science and Technology

Learn more about KAUST:
www.kaust.edu.sa

Learn more about Core Labs:
Corelabs.kaust.edu.sa



About King Abdullah University of Science and Technology

Founded in 2009, King Abdullah University of Science and Technology (KAUST) is a top-ranking graduate research university located on the shores of the Red Sea in Saudi Arabia. The University is dedicated to solving global challenges in the areas of food, water, energy, the environment, health and digital. KAUST employees enjoy exceptional packages, including competitive salaries and relocation allowances, fully furnished on-campus accommodation, and comprehensive health insurance coverage. KAUST also provides international schools (IB program) and a wide variety of recreation facilities.

The Core Labs at KAUST is a shared research facility comprised of 12 laboratories run by over 240 staff. Its mandate is to promote the scientific ambitions of KAUST and Saudi Arabia by stewarding and developing state-of-the-art facilities and technical expertise and delivering research support, training, collaboration and services to KAUST faculty, students, researchers and partners.

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Person Requirements

Qualifications & Competencies:

- PhD degree in molecular biology, biotechnology, genetics, biochemistry or similar field. At least 5 years of experience with genomics sequencing methods (spanning DNA/RNA extraction through sample analysis) is preferable.
- Demonstrated expertise, technical proficiency and deep understanding of NGS technologies, and method development. Understanding of FACS principles and applications. Working experience in bioinformatics ability is a plus.
- Track record of high-quality publications in scientific journals. Strong scientific and technical problem-solving skills and independent thinking.
- Excellent leadership and people-managing skills. Ability to lead and motivate a team and make operational decisions independently with minimal supervision. Experience in managing an NGS lab is highly preferable.
- A meticulous, dynamic and resilient individual with a proactive personality, positive and innovative mindset and an interest in the big picture. Excellent written and oral communication skills.



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