

Monday, November 9

9:30 a.m. — 12:15 p.m. (KSA time)

Meeting platform: MS Teams

Lab Equipment Maintenance Core Lab (LEM) presents a webinar:

Pipetting - The Unexplored Aspects

Pipettes and pipette tips are indispensable tools in labs and life science research, and in order to avoid experimental error, researchers must carry out correct pipetting techniques. Understanding proper liquid handling techniques is also becoming increasingly important as assays involve smaller and smaller volumes.

Researchers at KAUST will now take responsibility for their own pipette calibrations. If a lab does not want to use the Artel PCS® instrument for calibrations that LEM has provided, the lab can use the vendor listed below. If researchers use the Artel instrument and a pipette fails calibration, LEM will maintain (clean and repair) and calibrate the pipette. LEM will continue to maintain and calibrate pipettes that dispense volumes larger than 5 milliliters and multi-channel pipettes.



Agenda

9:30 - 10:15 a.m. : Liquid handling (LH) overview - manual LH, electronic, dispensers

Presenter: Babu Padmanabhan, senior marketing manager, Eppendorf India, Middle East and Africa

10:15 - 11:00 a.m. : Good LH practices and impact of error on experimental results

Presenter: Priya Sundararajan, training manager, Eppendorf India, Middle East and Africa

11:00 - 11:15 a.m. : Break

11:15 - 12:15 p.m. : Pipette maintenance, calibration and certifications

Presenters: Dr. Jason Serin, manager, KAUST Lab Equipment Maintenance Core Lab

*Note: Vendor who will perform pipette calibration and maintenance service if researchers do not use the Artel system:

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