



**KEEPING KAUST SAFE**

[www.kaust.edu.sa/keepKAUSTsafe](http://www.kaust.edu.sa/keepKAUSTsafe)



**HEALTH, SAFETY  
& ENVIRONMENT**

Keeping KAUST Safe

# LSR Orientation Training

# Outline

- Who is HSE?
- Roles and Responsibilities of LSRs
- Salute Introduction
- Navigating HSE Webpage
- Key Resources



# Who are we

- The Health, Safety, and Environment Department is composed of the following sections:
  - Environmental Protection
  - Community Health and Safety
  - Fire & Emergency Services
  - Research Safety

## Health, Safety and Environment Department



HSE webpage: <https://hse.kaust.edu.sa>

# Who are we



- The Health, Safety, and Environment Department is composed of the following sections:

- Environmental Protection
- Community Health and Safety
- Fire & Emergency Services
- **Research Safety**

## Health, Safety and Environment Department



- Research Safety provides programs to help laboratories manage risks and implement the appropriate hazard controls.

HSE webpage: <https://hse.kaust.edu.sa>

# The Research Safety Team

*By the numbers*



## Who we are and what we do

~3000

KAUST Employees Covered

200 / 60,000

Laboratories / m<sup>2</sup> lab space

~200

Principal Investigators

13 / 11

Research Centers / Core Labs  
(BESE, CEMSE, PSE, Core Labs, RPIC)

~200

Lab Safety Representatives  
(LSR's)

500 / 300

Risk Consultations / Inspections



### 7 Expert Staff:

- 1 Lab Safety & Design Specialist
- 2 Biological Safety Specialists
- 1 Industrial Hygienist
- 1 Chemical Safety Specialist
- 2 Radiation Safety Specialists

Protecting what matters most through our HSE expertise, partnerships and world-class collaborations.  
We work closely with our research partners to build resiliency into our research!

# The Barrier Experts

## KAUST's Research Safety Team



### Marcos Aguilar

- RST Lead
- Lab Safety & Design
- 12+ years experience at KAUST
- Certified Safety Professional & Safety Management Systems



### Hattan Matar

- BS Systems Engineering
- MS Risk Control
- Certified Industrial Hygienist
- Certified Safety Professional
- Extensive oil & gas expertise



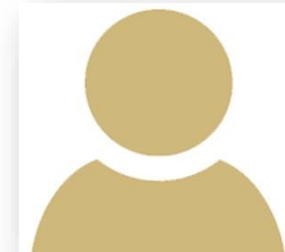
### Rodion Gorchakov

- Biological Safety Lead
- PhD Epidemiology
- MS Molecular Bio
- BSL-3 Expertise
- Biological Safety Officer



### Mohamad Bahmaid

- Radiation Safety Officer
- Certified Rad Safety Officer
- Eng. Degree Nuclear Engineering Sciences
- MS Health & Med. Physics
- BS Nuclear Physics



### Kee Mei Leong

- Head, Research Safety



### Sujata Haydu

- Biological Safety Specialist
- MSc. Microbiology
- HIV Research background
- Sept 2022



### Moustafa Elsoubki

- BS Physics
- MSc Medical Physics
- Non-Ionizing Radiation Safety Specialist
- Laboratory Waste Specialist



### Gianluca Barco

- Chemical Safety Specialist

# Safety Programs

## Lab Life Cycle

- Lab Design
- Assessments
- Lab safety
- Lab clearance

## Biosafety

- BSL-1 and BSL-2
- Biosafety cabinet certification
- Biological registration
- KAUST Committee (IACUC and IBEC)

## Chemical Safety

- Acid, base, corrosive, flammable, and oxidizer
- Fume hood testing
- Compressed gas and cryogenics
- Experiment review





# Safety Programs

## Industrial Hygiene

- Respiratory protection
- Possible exposure
- PPE
- Hearing conservation
- Heat illness prevention
- Mold prevention and remediation
- Office ergonomics

## Laser Safety

- Registration of lasers (Class 3B & Class 4)
- Laser lab design
- Hazard assessment

## Radiation Safety

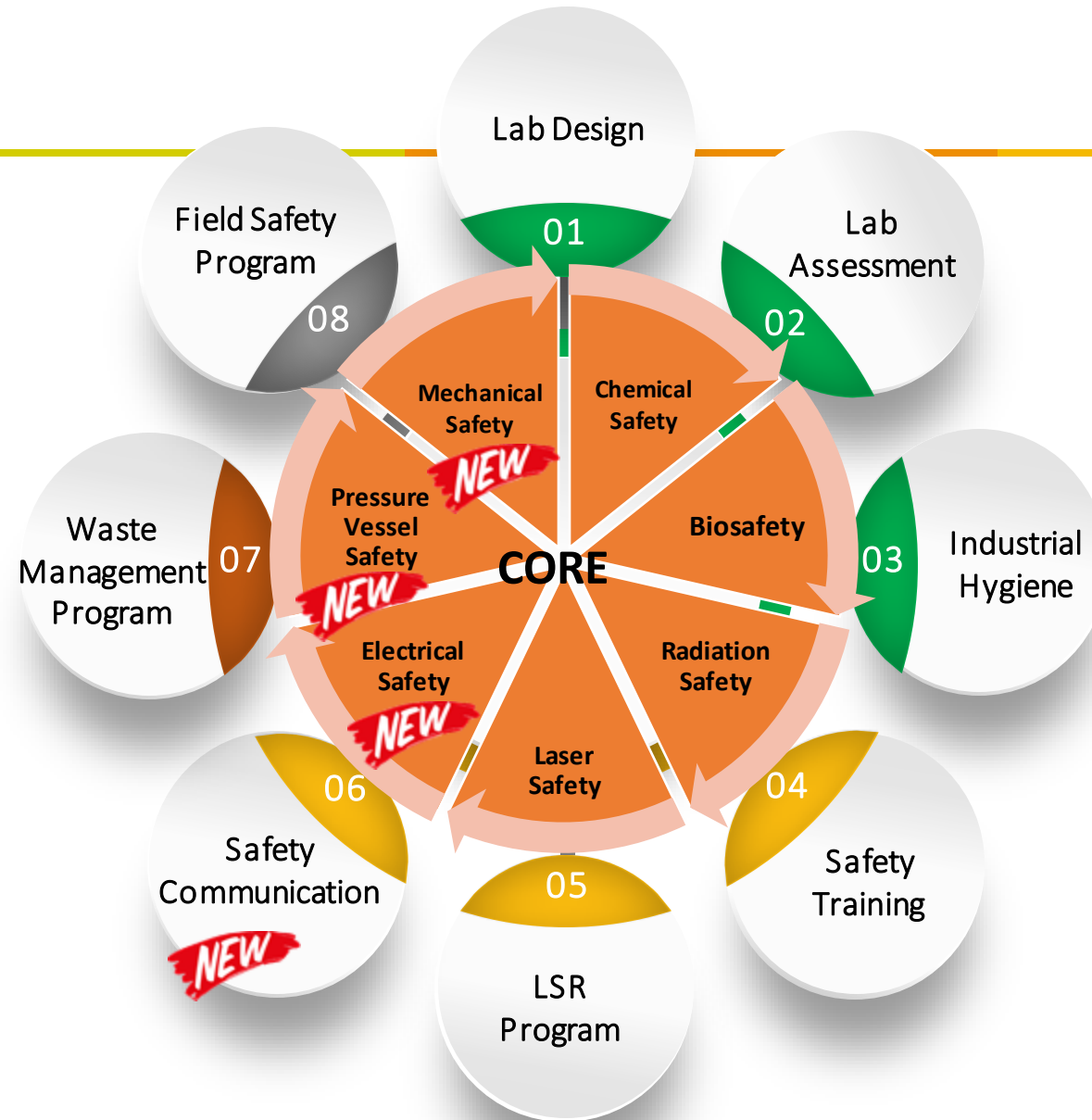
- Registration of X-ray equipment
- Registration of radioactive substances
- KAUST Committee IRSC





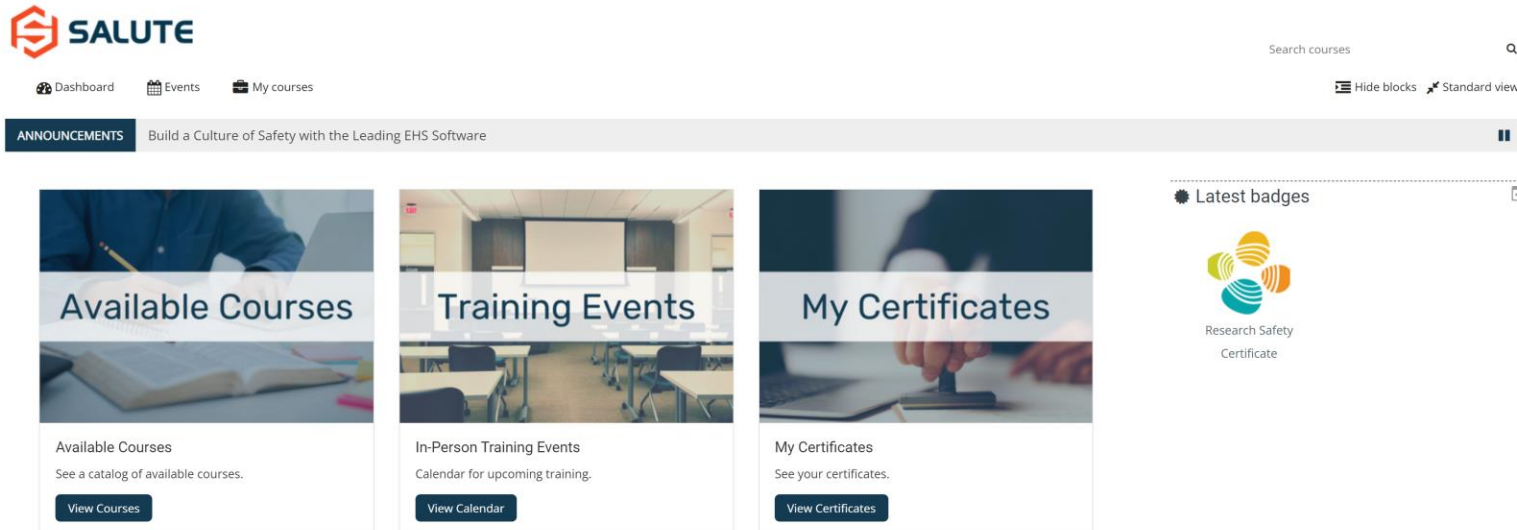
# The New

**NEW**



# Trainings

- All training is completed or booked via Salute
  - Take the training directly online
  - Book for live courses
  - Arrange on-demand courses
  - View/Access your certificates



The screenshot shows the Salute dashboard interface. At the top left is the Salute logo. Below it are navigation links for Dashboard, Events, and My courses. A search bar is located on the right. A banner for announcements reads "Build a Culture of Safety with the Leading EHS Software". The main content area features three cards: "Available Courses" (with a "View Courses" button), "Training Events" (with a "View Calendar" button), and "My Certificates" (with a "View Certificates" button). On the right side, there is a "Latest badges" section displaying a "Research Safety Certificate" badge.



- ▶ Radiation Safety
- ▶ Laser Safety
- ▶ Laboratory Safety
- ▶ Emergency Preparedness
- ▶ Chemical Safety
- ▶ Biosafety
- ▶ Research Safety Classroom Trainings

# KAUST Committee

Research Compliance coordinates the University's regulatory framework for research safety and ethics review via four faculty-led committees:

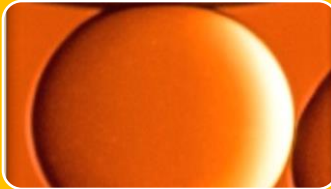
- Institutional Animal Care and Use Committee (IACUC)
- Institutional Biosafety and Bioethics Committee (IBEC)
- Institutional Radiation Safety Committee (IRSC)
- Dive Control Board (DCB) for scientific diving



Research Compliance also promotes policies and activities pertaining to the responsible conduct of research.

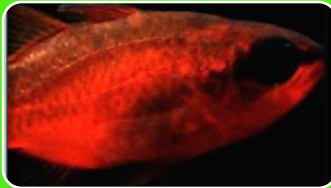
# KAUST Committee

## Institutional Biosafety and Bioethics Committee (IBEC)



- Research that involves the use of:
- Recombinant or synthetic nucleic acids,
  - Infectious agents,
  - Biological toxins,
  - Biohazardous agents (Risk Group 2),
  - Research involving human subjects.

## Institutional Animal Care and Use Committee (IACUC)



- Care and use of live animals in:
- Research
  - Teaching
  - Testing activities

## Institutional Radiation Safety Committee (IRSC)



- Research conducted at or sponsored by KAUST that involves the use of:
- Radioactive substances
  - Radiation-producing equipment (including SEM, TEM, hand-held x-ray, etc.)

## Dive Control Board



- Research conducted at or sponsored by KAUST that involves scientific diving.

# KAUST Committee

## Institutional Biosafety and Bioethics Committee (IBEC)

Reviews all research conducted at or sponsored by KAUST that involves the use of:

- Recombinant or synthetic nucleic acids,
- Infectious agents,
- Biological toxins,
- Biohazardous agents (Risk Group 2),
- Research involving human subjects.

## Institutional Animal Care and Use Committee (IACUC)

Reviews all research conducted at or sponsored by KAUST that involves the care and use of live animals in:

- Research.
- Teaching
- Testing activities.

## Dive Control Board

Reviews all research conducted at or sponsored by KAUST that involves scientific diving.

## Institutional Radiation Safety Committee (IRSC)

Reviews all research conducted at or sponsored by KAUST that involves the use of:

- Radioactive substances
- Radiation-producing equipment (including SEM, TEM, hand-held x-ray, etc.)

# LSR Role & Responsibilities

*LSR assists faculty to promote a safe work ethic and safe work environment.*



# Roles and Responsibilities

Laboratory Safety Representatives (LSR) provide an essential link between the lab and Health, Safety & Environment (HSE).

LSRs are the catalyst for driving a strong safety culture and a safe work environment in the lab with the support of the faculty.

LSRs help to improve lab safety, identify hazards, and provide support to prepare for and deal with emergency situations.



# Lead by Example

- Discuss your role with your faculty and the need for their support to promote a strong safety culture.
- Outline resources and support needed in order to be an effective LSR.
- Obtain all the required training related to the hazards present in the areas you represent.
- Be aware of all the relevant programs that apply to research conducted in your lab (<http://labsafety.kaust.edu.sa>).
- Monitor the safe and unsafe behaviors in the lab area and address any safety concerns.
- If you have questions or need assistance, please contact [hse@kaust.edu.sa](mailto:hse@kaust.edu.sa).

**LSRs should be driven, proactive, responsible, and result-oriented to improve the safety culture in the lab.**

# New LSR or alternate LSR

Once you have been appointed as LSR or alternate LSR by your faculty, you should:

- Notify HSE ([HSE@kaust.edu.sa](mailto:HSE@kaust.edu.sa)) that you have been appointed LSR so that HSE can include you in the LSR email list and notify you of any update related to lab safety.
- Establish who is the HSE building point of contact.
- Discuss your responsibilities with your faculty and the possibility to nominate an alternate LSR.
- Update the following documents to include your contact details:
  - Lab Safety Plan (LARA)
  - SOPs
  - Lab door sign
  - Organizational flip chart
- Attend the LSR Orientation Training (live session)

# Hazard Identification and Risk Control

- **Lab Safety Plan (LSP)** – Prepare/review the Lab Safety Plan (future LARA) to identify all the hazards present in the lab and ensure that safety controls are available and operational to minimize the risks (e.g. fume hood, biosafety cabinets, enclosures, etc.).
  - LSP must be read, understood and signed by everyone working in your lab
  - LSP available to all lab personnel
  - LSP must be reviewed annually
  - A template is available on our webpage
- **Standard Operating Procedures (SOPs)** - Assist lab members to develop written SOPs for hazardous operations, equipment, or specific experiment.
  - Ensure that SOPs are reviewed regularly (or yearly)
  - A template SOP is available on our webpage
  - Have all lab members read and sign the SOPs that apply to their work
  - Ensure lab-specific SOPs are available (either paper copies available in the lab or electronic copies accessible while in the lab)



# Personal Protective Equipment and Safety Supplies

- Ensure availability of adequate personal protective equipment (PPE) for each lab member. [PPE standard for KAUST Laboratories](#).
- Encourage/support lab personnel to use and maintain PPE.
- Identify required protective equipment needed (gloves, goggles, respirators, etc.).
- Ensure all [safety supplies](#) (first aid kits, spill kits, etc.) and equipment required for the management of hazardous waste are available.



## Key Points of Required PPE in the Lab

- Wear minimum PPE when in the lab
  - Eyewear – worn at all times when entering the lab (working or passing through the lab)
  - Lab coat buttoned – worn when working with or around hazards
  - Gloves – worn when working directly with hazards
- Wear additional PPE based on the lab activities
  - Special gloves (cryogenics, hot surfaces, etc.)
  - Face shield (cryogenics, UV, etc.)
  - Special eyewear (UV, lasers, etc.)
  - Respirators – require a risk assessment from IH and enrollment in respiratory protection program (even N95)
- Users must wear PPE correctly when in the lab
- **NO PPE WORN OUTSIDE THE LAB**

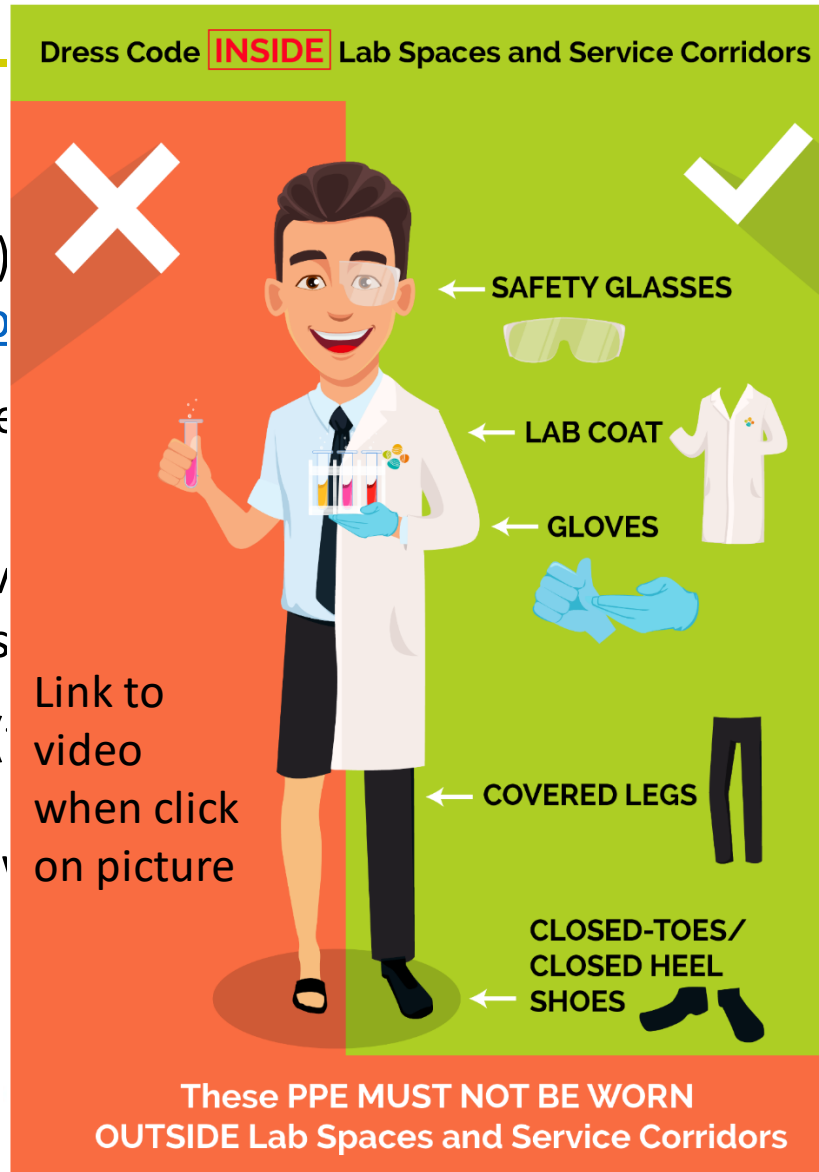


# Personal Protective Equipment and Safety Supplies

- Ensure availability of protective equipment (PPE) [PPE standard for KAUST Lab](#)
- Encourage/support lab personnel to maintain PPE.
- Identify required protective equipment (gloves, goggles, respirators)
- Ensure all [safety supplies](#) (goggles, lab coats, etc.) and equipment management of hazardous materials



Dress Code **INSIDE** Lab Spaces and Service Corridors



Link to video when click on picture

**These PPE MUST NOT BE WORN OUTSIDE Lab Spaces and Service Corridors**

## Points of Required PPE in the Lab

- Minimum PPE when in the lab
  - Eyewear – worn at all times when entering the lab (working or passing through the lab)
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    - Respirators – require a risk assessment from IH and enrollment in respiratory protection program (even N95)
  - Must wear PPE correctly when in the lab
- PPE MUST NOT BE WORN OUTSIDE THE LAB**

# Safety Supplies List

<https://hse.kaust.edu.sa/keeping-kaust-safe/safetysupplies>



Gloves



Eye protection



Other PPE



First Aid and Kits



Sharps and Broken Glass



Secondary Containers



COVID-19 Safety Items



Electrical Safety



Others



Bags



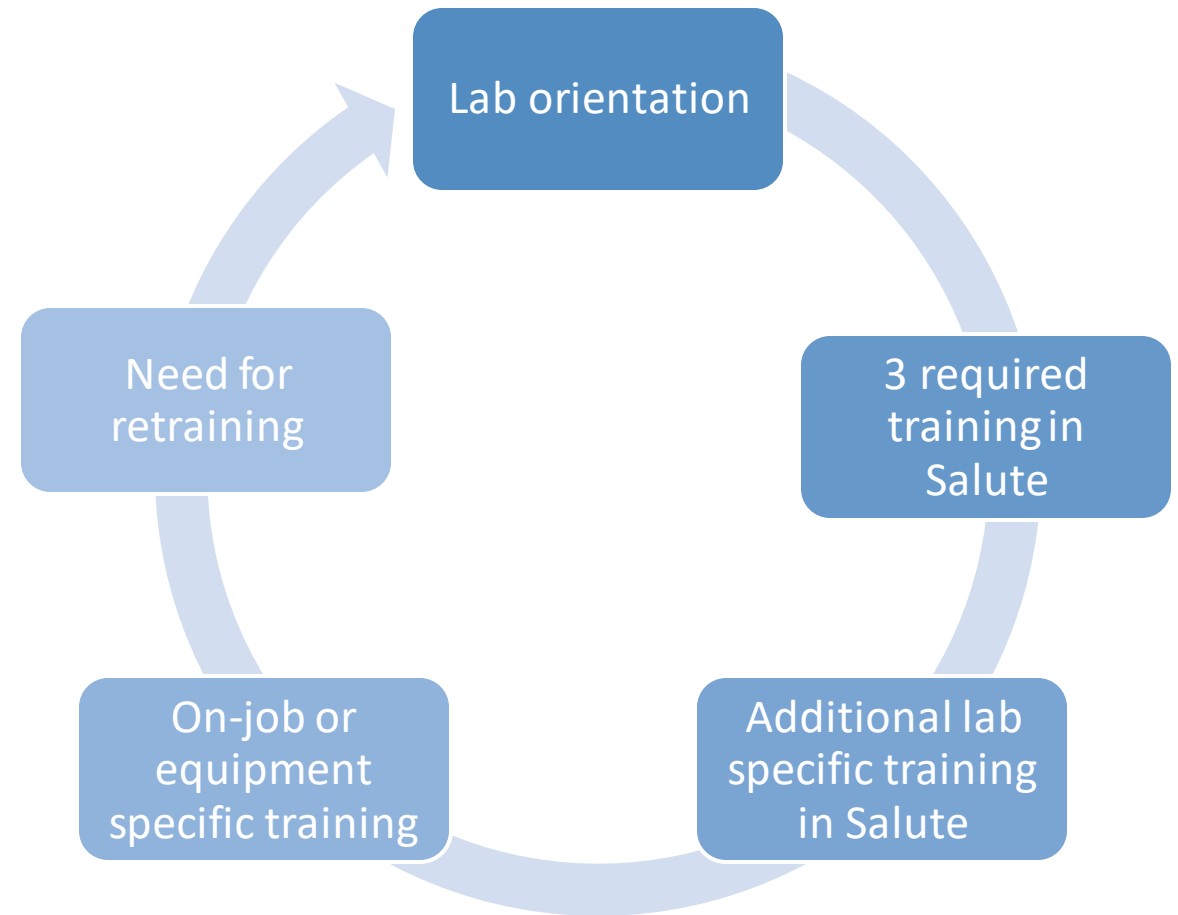
Containers

# Training

- Ensure everyone who works in the lab is competent to carry out their duties.
- Lab Orientation Checklist (*recommendation*)
- Notify HSE if additional safety-related training is needed for the lab group.

## Training requirements:

- Lab Safety Training (online or live classes available)
- Hazardous Waste Training
- Emergency and Incident Preparedness Training
- Any additional online training identified in LSP
- LSR Orientation Training (LSR and alternate LSR only)
- First Aid Training (recommend 2 people)
- Fire Extinguisher Training (recommend 2 people)

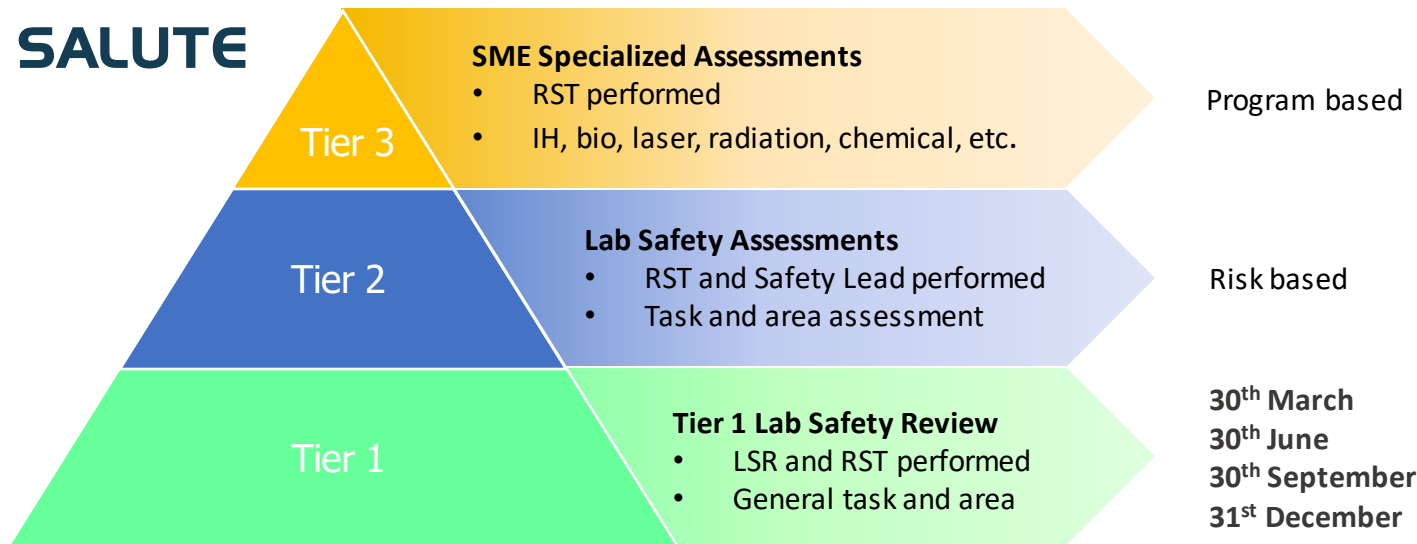


# Communication



- Connection between HSE and your lab - point of contact for all health and safety matters arising within your lab.
- Attend the Lab Safety Forum (or send a designated representative if you cannot attend).
- Communicate with all team members relevant outcomes from the Lab Safety Forum and other emails received via the LSR distribution list.
- All presentations for previous forums can be found on the [LSR webpage](#).
- Report any safety hazard observed, near-miss, accident, incident, or occupational disease by creating a new event in Salute. [Click here to raise an event](#).
- Assist in the investigation of all incidents that occurred in your lab.

# Assessments



- LSR or lab user perform Tier 1 Lab Safety Review at least once per quarter.
- Simple checklist – no finding added.
- Help the laboratory to validate controls.
- Enables the lab users to conduct safety readiness reviews, prevent safety issues, and keep a record of continuous safety improvements.

<https://hse.kaust.edu.sa/SALUTE/Assessments>

Checklist and Survey

<b>Engineering Controls</b>		
Are biosafety cabinets, fume hoods, glove boxes, laminar flow hoods and other safety engineering controls functioning and ready for operation?*	<input type="text"/>	<input type="button" value="Go"/>
<b>Administrative Controls</b>		
SOPs available*	<input type="text"/>	<input type="button" value="Go"/>
Signage reflects hazards*	<input type="text"/>	<input type="button" value="Go"/>
Appropriate type of training in place*	<input type="text"/>	<input type="button" value="Go"/>
<b>Personal Protective Equipment (PPE)</b>		
Required PPE is available*	<input type="text"/>	<input type="button" value="Go"/>
Number of times when PPE is not used effectively*	<input type="text"/>	<input type="button" value="Go"/>
<b>Storage and Housekeeping</b>		
General housekeeping issues in the lab*	<input type="text"/>	<input type="button" value="Go"/>
Service Corridor Issues*	<input type="text"/>	<input type="button" value="Go"/>
Excessive storage issues*	<input type="text"/>	<input type="button" value="Go"/>
Issues with heavy items stored too high*	<input type="text"/>	<input type="button" value="Go"/>
Issues with tripping or slipping hazards*	<input type="text"/>	<input type="button" value="Go"/>
<b>General Safety</b>		
Issues with materials (bio, chem, rad) are not labelled, stored, and segregated properly*	<input type="text"/>	<input type="button" value="Go"/>
Issues with benchtop samples are not labelled and stored properly*	<input type="text"/>	<input type="button" value="Go"/>
Issues with gas cylinders are not secured and labeled properly*	<input type="text"/>	<input type="button" value="Go"/>
Electrical safety issues: (Power strips not elevated from the floor, exposed wiring, or damaged electrical cords, overloaded circuits)*	<input type="text"/>	<input type="button" value="Go"/>
Hazardous waste issues (Containers are not closed, not labeled and stored correctly)*	<input type="text"/>	<input type="button" value="Go"/>
<b>Emergency Readiness</b>		
Spill kits are available, right type & free of obstructions*	<input type="text"/>	<input type="button" value="Go"/>
Eye wash stations are checked & free of obstructions*	<input type="text"/>	<input type="button" value="Go"/>
First Aid kits are available	<input type="text"/>	<input type="button" value="Go"/>
Sharp and broken glass containers are available	<input type="text"/>	<input type="button" value="Go"/>
Proper fire extinguisher is available & checked	<input type="text"/>	<input type="button" value="Go"/>

# Assessments



- Coordinate with HSE Tier 2 and Tier 3 assessments, correct findings, and report safety or compliance issues.
- Identify the major lab/building safety issues and bring to the attention of the relevant department heads unresolved health and safety problems. Contact HSE for assistance.
- Lab member departure:
  - **Student departure:** Completed by LSR to ensure that the lab space occupied is free from hazards and that chemicals and samples have been disposed of or transferred to another lab member (remember to check the fridge and freezers).
  - **Post-doc, Researcher departure:** Completed by RST to ensure that the lab space occupied is left hazard free and that all chemicals/samples have been disposed of or transferred. You are required to attend the visit or nominate a delegate.



# Emergency Preparedness



- The LSR assists the faculty and ensures emergency preparedness measures are in place:
  - Two persons trained for first aid and fire extinguisher
  - Identify risks in your area (Lab Safety Plan and SOPs)
  - Establish emergency procedures specific to your lab (can be added to the Lab Safety Plan) include:
    - Safe shutdown of experiments and equipment
    - Safe handling of hazardous spills
    - Triggering of alarm systems
    - When and how to escalate an incident
  - Organize and execute regularly small emergency drills (e.g. simulate a small spill, walkthrough the evacuation procedure with your team, etc.)

# Emergency Situations & Lessons Learned

- Lesson Learned following a near-miss or incident should always be shared
  - Not always the result of human mistakes, can be the failure of an instrument or facility
  - Use it as a learning tool
  - Don't use the names of people involved
  - Don't try to embarrass or blame.
- Listen to safety concerns or complains
  - Listen and take it seriously
  - Thank them!
  - Respond quickly
  - Involve employees
  - Follow-up and contact HSE if necessary

**An emergency is any situation that requires IMMEDIATE attention such as fire, or medical response to preserve life or property**

- Call 911 from a Campus phone
- Call **012 808 0911** from a cell phone
- Be part of assistance during emergency and met with the first responder if necessary
- Later raise a Report/Event in Salute
- Work with HSE on investigation and corrections

# Summary

## Hazard Identification & Risk Control

Lab Safety Plan & SOP  
Lab door sign, PPE and Safety Supplies List  
Chemical inventory  
Hazardous Waste Management

## Training

3 required training as well as lab specific training  
On-job trainings and need for retraining  
Coordinate on-demand trainings

## Assessment

Conduct Tier 1 Lab Safety Review  
Assist with Tier 2 and Tier 3 assessments  
Departure clearance

## Communication

Attend Lab Safety Forum  
Forward applicable safety information sent by RST to lab users  
Promote safety culture in the lab

## Emergency Preparedness

Establish location of the assembly point, fire extinguishers, and fire pull station  
Create emergency checklist  
Organize drills to ensure lab members are prepared

# Research Safety Certificate & LSR Service Certificate



## Research Safety Certificate



Available to all lab members.



Recognize the efforts and reward their commitment to safety.



### How to obtain it:

Take 5 required courses  
Take 9 additional courses offered by HSE



## LSR Service Certificate



Awarded to LSRs for their support and collaboration with HSE.



Certificate.



### How to obtain it:

Complete at least two years of service as an LSR  
Obtain the Research Safety Certificate  
Attend 75% of Lab Safety Forum during service

# Introduction to Salute



# Dashboard

 Dashboard

 Findings

 Violation Findings

 Assessments

 Safety Trainings

 Employee Roster

 Chemical Safety

 Drills

 Request/Report

 Documents

(GMT+03:00) Asia/Riyadh

 Delphine Dari... ^

 Support@Salute

 Switch To Salute Portal

 Settings

 Sign Out

 Delphine Dari... v



## You have no open items

All tasks assigned to you will appear here

### Recent activity

 Sarah Alsawaf 5 days ago

Your **Finding #1110000697** has been resolved

[View](#)

 Delphine Darios 6 days ago

You have been assigned to **Finding #1110000697** as a Creator

[View](#)

 Krishna Raja Dharmarajan 13 days ago

Your **Assessment #1070000907** has been resolved

[View](#)

 Krishna Raja Dharmarajan 13 days ago

You have been assigned to receive updates on **Assessment #1070000907**

[View](#)

 Krishna Raja Dharmarajan 13 days ago

Your **Assessment #1070000899** has been resolved

[View](#)


 Krishna Raja Dharmarajan 13 days ago

You have been assigned to receive updates on **Assessment #1070000899**

[View](#)



# Trainings



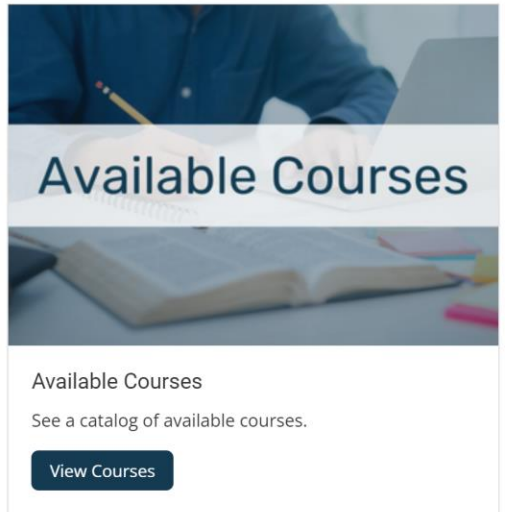
جامعة الملك عبد الله  
للعلوم والتقنية  
King Abdullah University of  
Science and Technology

- Dashboard
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Delphine Dari... ^

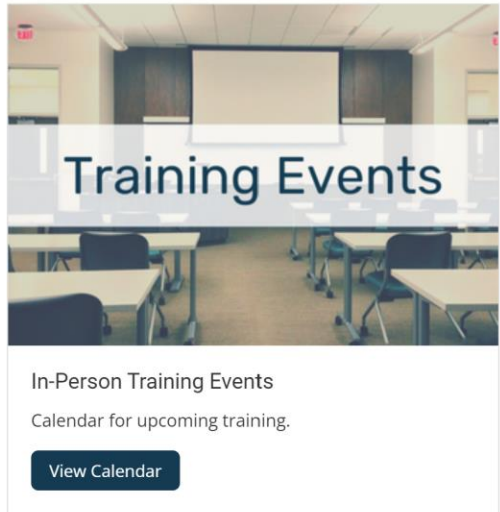
[Go to LMS](#)



**Available Courses**

Available Courses  
See a catalog of available courses.

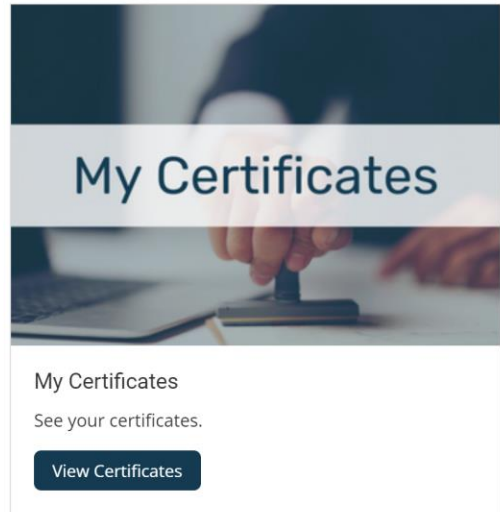
[View Courses](#)



**Training Events**

In-Person Training Events  
Calendar for upcoming training.

[View Calendar](#)



**My Certificates**

My Certificates  
See your certificates.

[View Certificates](#)

How to view if users have done trainings

# Chemical Inventory

In Community Portal – Check **your** inventory and access SDS for all chemicals available in KAUST

Library tab shows all the chemicals available on KAUST

Inventories **Library**

Search here... [+ New Library Item](#)

ID	Chemical	CAS	HHOP Types	Storage Group	GHS	SDS
1130035568	< 2.3% NITRIC OXIDE In ARGON	N/A	N/A	N/A	N/A	<a href="#">SDS</a>
1130035567	N-(tert-butoxycarbonyl)-L-proline	15761-39-4	N/A	N/A	N/A	<a href="#">SDS</a>
1130035566	2-Thienylmercaptan	6258-63-5	N/A	N/A	N/A	<a href="#">SDS</a>
1130035565	amoxapine	14028-44-5	N/A	N/A	H302, H361, H400	<a href="#">SDS</a>
1130035564	4-(N-Octyloxy)Phenol	3780-50-5	N/A	N/A	N/A	<a href="#">SDS</a>

Inventory tab shows all the chemicals inventories you are the owner of.

### Chemical Safety

[Inventories](#) [Library](#) [Export](#)

Search here...

**Jensen, Christian 2-3630**

Building	Floor	Space / Room	Location Comments
[B2] - IBN Al Haytham Building, KAUST Thuwal	3 (B2)	3630	2-3630

Chemicals (High Hazard)	Status	Owner(s)	Inventory Comments
176 (0)	Requires Update	Christopher Motter, Ramatoulaye Balde, Christian Froekjaer Jensen	N/A

# Chemical Inventory

### Chemical Inventory - Jensen, Christian 2-3630

**Overview**

ID	Last Updated	Building
1140000181	08/11/2021 8:35:19 PM	[B2] - IBN Al Haytham Building, KAUST Thuwal
Floor	Space / Room	Location Comments
3 (B2)	3630	2-3630

**Inventory Status**

Status	Approval Date	Inventory Comments
Requires Update	N/A	N/A

**Inventory Items** Move Print Label Export + New Chemical


Search here...

<input type="checkbox"/>	ID	Chemical Name	Quantity	CAS No.	Storage Code	Manufacturer	Manufacturer ID	Expiration Date
<input type="checkbox"/>	1150174599	NP-40 Surfact-Amps detergent	0.05 Milliliters	N/A	N/A	Thermo Scientific	N/A	N/A
<input type="checkbox"/>	1150173109	FORMAMIDE, FOR MOLECULAR	0.5 Milliliters	75-12-7	N/A	FISHER SCIENTIFIC-UK	N/A	N/A

On each individual inventory, you are the owner of you can access the following information:

- Salute ID for this inventory
- Last time it was updated
- Building / Floor / Space
- Inventory status (Pending EHS Review, Incomplete, Complete, Closed, Require Update)
- Possibility to export the inventory on an excel spreadsheet
- View all the chemicals included in this inventory

# Chemical Inventory



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King Abdullah University of  
Science and Technology

- Dashboard
- Findings
- Violation Findings
- Assessments
- Safety Trainings
- Employee Roster
- Chemical Safety**
- Drills
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- Documents

(GMT+03:00) Asia/Riyadh

Delphine Dari... ^

**FORMAMIDE (1150173107)** Save

Print Label Move Create Similar Get SDS on Email

**Overview**

Chemical\*  
FORMAMIDE

Quantity\*  
0,1 of Unit\*  
Milliliters

Container Count\*  
1

Building\*  
IBN Al Haytha... Floor\*  
3 (B2) Space / Room\*  
N/A

Location Comment\*  
2-3630/LFO-71 (LFO70) Barcode(1194372)

Manufacturer\*  
SIGMA ALDRICH

Manufacturer ID\*

Expiration Date\*  
Select Date

Last Printed Label Date Last Printed Label Time

Click on one of the chemicals and you can access the following information:


- Print a label
- Move to a different chemical inventory
- Obtain the SDS for that chemical
- See the quantity and the location
- At the bottom, you can remove that chemical from the inventory

- The LSR decides who can be an owner of the chemical inventory for the lab (the owner can view and change the inventory)
- The LSR must take the chemical inventory training before being granted access
- Check the naming convention for the chemical inventory on our webpage

# Assessments

## Tier 1 Lab Safety Review to be performed in [Community Portal](#)

- **Assigned** – Assessments that you have been assigned and that need to be completed before a particular date.
- **Draft** – Assessments that you have started but not finalized
- **Finalized** – Assessments that have been completed and finalized (Tier 1, Tier 2, and Tier 3).



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

- Dashboard
- Findings
- Violation Findings
- Assessments**
- Safety Trainings
- Employee Roster
- Chemical Safety
- Drills
- Request/Report
- Documents

(GMT+03:00) Asia/Riyadh

Delphine Dari... ^

### Assessments

Create New Assessment

Assigned    Draft **9**    Finalized

Search here...

Lab Review Self Assessment			Finalized
Inspector <sup>?</sup>	Space	Space Type	
CP User KAUST	Interfacial Lab	N/A	
Related Assessment Queue			
N/A			

# Assessments

## Tier 1 Lab Safety Review to be performed in Community Portal

Dashboard

Findings

Violation Findings

Assessments

Safety Trainings

Employee Roster

Chemical Safety

Drills

Request/Report

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### Overview

Assessment ID

N/A

Created By

Delphine Darios

User Group\*

KAUST

Assessment Date

07/13/2022

Responsible Person\*

Delphine Darios

Also Notified People

Dwight Stevenson

Inspector

Delphine Darios

Assessment Type\*

Tier 1 Lab Safety Review

### Assessment Object

Object Type\*

Space

Object\*

4, 4-0250

Object Details

PI First Name & PI Surname

Select Location

Campus

Building

Floor

Space

Select Equipment

General Equipment

Portable Fire Extinguisher

Select Other

Permits

Construction Project

Biological Safety

Department

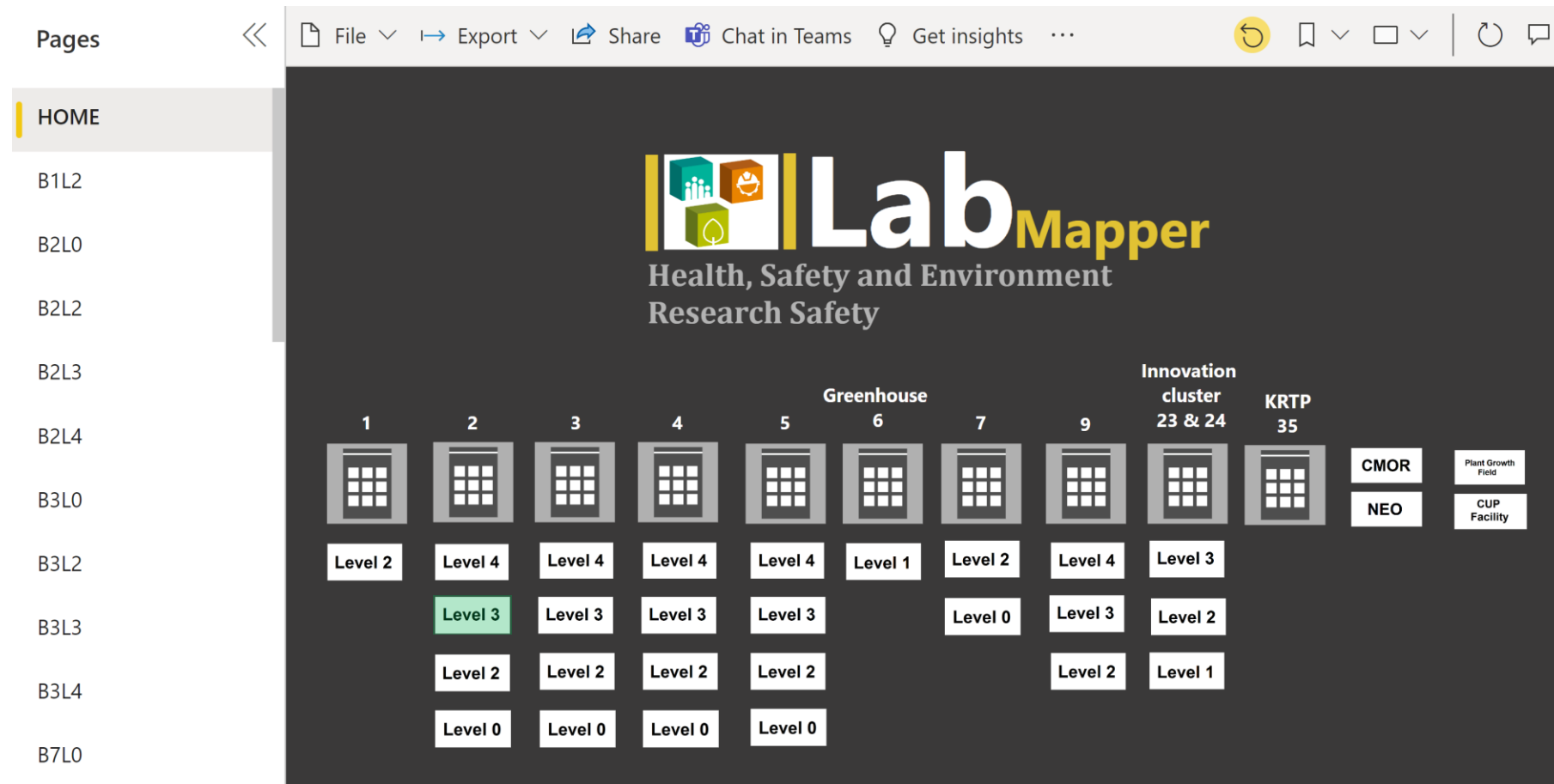
Safe Work Authorization

Incident

Accident

# Assessments

Use [LabMapper](#) to find the correct space to enter in the Tier 1 Lab Review Assessment



The screenshot shows the LabMapper interface with a sidebar on the left and a main grid on the right. The sidebar lists pages: HOME, B1L2, B2L0, B2L2, B2L3, B2L4, B3L0, B3L2, B3L3, B3L4, and B7L0. The main grid displays lab spaces with their levels. The 'Level 3' cell in the second row, second column is highlighted in green.

	1	2	3	4	5	6	7	9	Innovation cluster 23 & 24	KRTP 35	CMOR	Plant Growth Field
B3L0	Level 2	Level 4	Level 4	Level 4	Level 4	Level 1	Level 2	Level 4	Level 3		NEO	CUP Facility
B3L2		Level 3	Level 3	Level 3	Level 3		Level 0	Level 3	Level 2			
B3L3		Level 2	Level 2	Level 2	Level 2			Level 2	Level 1			
B3L4		Level 0	Level 0	Level 0	Level 0							



# Assessments

## One Assessment per colored space

Lab Name	FLOC Number	Personal Investigator (PI)	Lab Safety Representative (LSR)	LSR Email
Alfredo De Biasio Lab	B2-3740	Alfredo De Biasio	Hadiza Aliyu	hadiza.aliyu@kaust.edu.sa
BioActives Lab (incl. 3924)	B2-3850	Salim Al-Babili	Yanjun Wei	yanjun.wei@kaust.edu.sa
Center for Desert Agriculture Area 6	B2-3940	Rod Wing	Safya Zaoui	safya.zaoui@kaust.edu.sa
Cereal Genetics and Genomics	B2-3910	Simon Krattinger	Safya Zaoui	safya.zaoui@kaust.edu.sa
Chodasiewicz Lab	B2-3840	Monika Chodasiewicz	Yanjun Wei	yanjun.wei@kaust.edu.sa
Comparative Genomics and Engineering	B2-3720	Takashi Gojbori	Mohammed Alawari	Mohammed.Alarawi@kaust.edu.sa
Distributed Systems and Autonomy	B2-3750	Shinkyu Park	Nurzhan Yesmagambet	nurzhan.yesmagambet@kaust.edu.sa
Environmental Epigenetics Lab	B2-3610	Valerio Orlando	Amira Eltally	amira.eltally@kaust.edu.sa



# Findings

## Findings

Open

Complete

Search here...

### Hazardous Material Management

Due Date

Jan 31, 2022

Keep hazardous waste containers closed except when adding.

Finding ID	Location	Responsible Person
1110000162	Building B5, Floor 4 (B5), Space 4710	CP User KAUST
Website Info	Object	Related Assessment
N/A	Space (4710)	1070000163

### Storage and Housekeeping

Due Date

Jan 31, 2022


Cleanup and organize benchtop.

Finding ID	Location	Responsible Person
1110000161	Building B5, Floor 4 (B5), Space 4710	CP User KAUST
Website Info	Object	Related Assessment
N/A	Space (4710)	1070000163

Findings/Actions from any assessment carried out

- Tier 2 and Tier 3 findings
- Incident investigation findings

# Findings



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< Back Export Resolve

### Corrective Actions Required


Keep hazardous waste containers closed except when adding.

Initiated	Due Date
DEC 30, 2021	JAN 31, 2022

### Corrective Actions Taken

Enter Corrective Actions Taken...

### Upload Attachments or Photos



Upload Attachment or Photo

### Links

Name	Link
No records available	

Add Link

Save

### Finding Details

Open hazardous waste containers.

Finding ID	Object	Object Details
1110000162	Space	4710
Location	Responsible Person	Website Info
Building B5, Floor 4 (B5), Space 4710	CP User KAUST	N/A

### Finding Attachments

No Attachments Available

### Links

Name	Link
No records available	

### Related Assessment #1070000163

Inspection Date	Inspection Type	Status	Responsible Person
12/29/2021 12:00:00 AM	Lab Review Self Assessment	Finalized	CP User KAUST

# Request/Report

## Community Portal – It will be triaged and

### Request/Report

Open Completed

### New Request/Report

Select Request/Report Type

Attention! This is not for use in an emergency. In case of



#### Report Event

Report Incident, Accident, or Safety Event

### Report Event

Submit

Attention! This is not for use in an emergency. In case of emergency please contact 911

#### Overview

Building\*  Floor  Space / Room

Location Details

Also Notified People  Follow-up Contact

Date of Occurrence\*  Time of Occurrence\*

Time of Occurrence Zone

#### Event

Event Type\*

This field is required.

Event Issue\*

This field is required.

#### Report Attachments



Upload Attachment or  
Photo

#### Links

Add Link

dent

# HSE Webpage

# HSE Webpage

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## Environmental Protection

The Environmental Protection division of HSE aspires to be a leader among the top tier higher education institutions and communities in environmental protection.

[Read More](#)



## Health and Safety

KAUST is committed to providing residents with a safe and secure environment in which to work, live and play, and to support safe and secure practices in the conduct of University activities.

[Read More](#)



## Fire & Emergency Services

Emergency Management, Fire Loss prevention and Fire Services in KAUST.

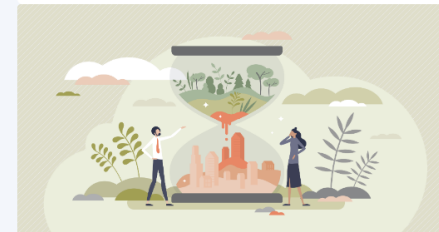
[Read More](#)



## Research Safety

The KAUST Research Safety team makes every effort to keep our scientists, students, and faculty members safe on campus and in the laboratory.

[Read More](#)



## Sustainability

KAUST Sustainability is a subdivision of the HSE Department that provides leadership and guidance to advance the University's commitment to sustainability.

[Read More](#)



## Occupational Health

KAUST offers Occupational Health services that focus on prevention in the pursuit of maintaining the health and wellbeing of our workforce and community.

[Read More](#)

# RST Webpage



## Biosafety

The KAUST Biosafety Program has been developed to protect the research community, the general public and the environment from exposure to hazardous biological agents.

[Read More](#)



## Industrial Hygiene

Office ergonomics, particularly hazardous substances, respiratory protection program, heat illness prevention, reproductive hazards, hearing protection signage.

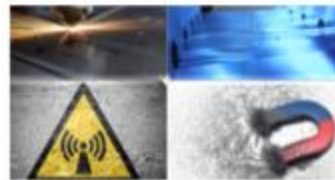
[Read More](#)



## Lab Safety

The Research Safety Team provides guidance and oversight to research staff. Our focus is to provide proactive direction to facilitate compliance and support safe work.

[Read More](#)



## Laser Safety and Non-ionizing

The Laser Safety and Non-ionizing Radiation Safety programs provide the necessary information to ensure a safe working environment in the laboratory.

[Read More](#)



## Hazardous Waste

Chemical waste, biohazardous waste, radioactive waste, universal and recyclable waste.

[Read More](#)



## Radiation Safety

Information about various forms of electromagnetic radiation as pertaining to research at KAUST.

[Read More](#)



## Research Safety Training

All KAUST faculty, staff, and students who work in labs with chemical, biological, radiological and/or physical hazards are required to attend.

[Read More](#)



## Salute

Salute contains many modules such as safety training, risk assessments, inspections, permits, incident reporting, and many others that will allow for the management of all HSE safety needs.

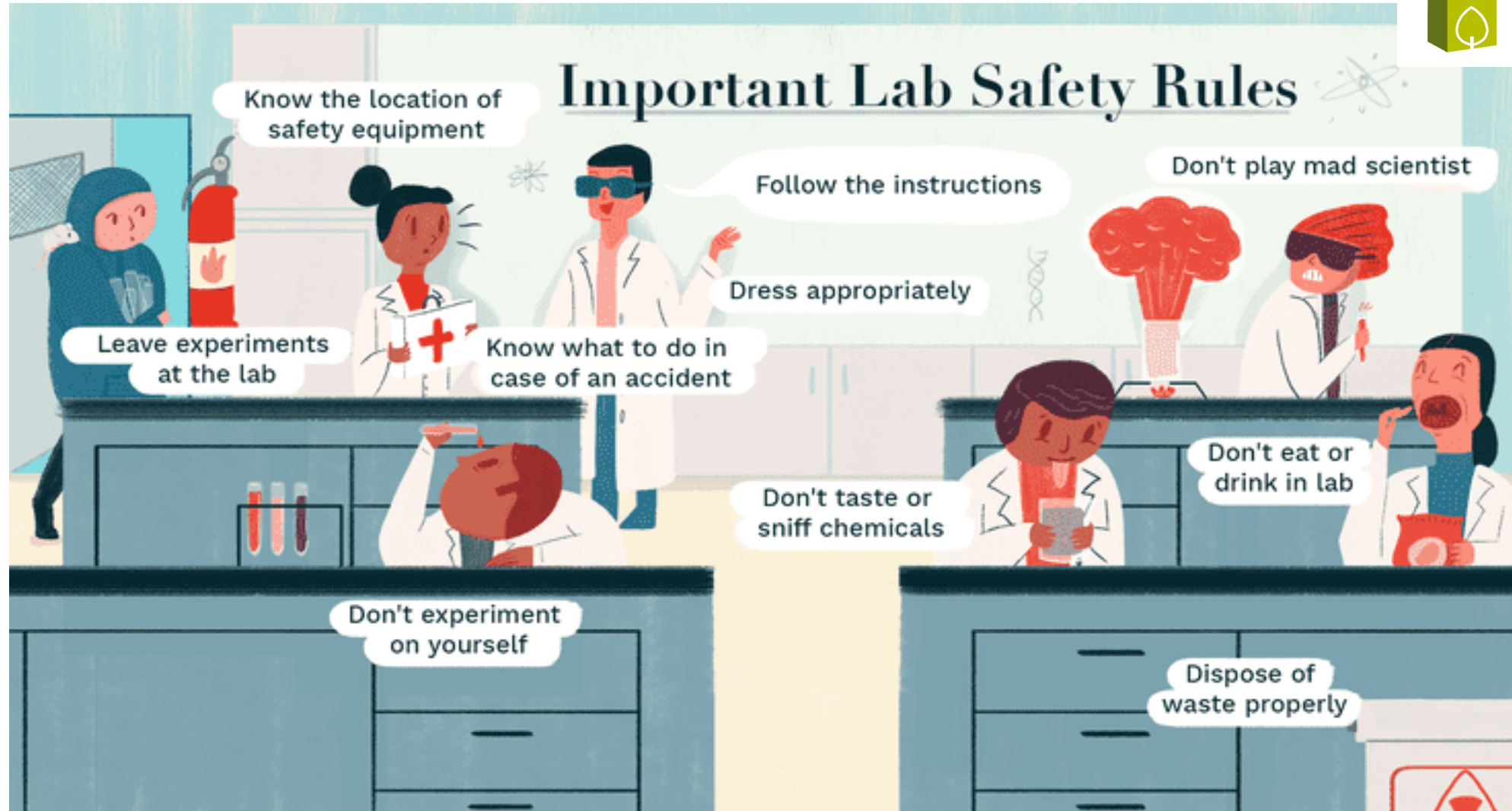
[Read More](#)

# Important Content

- [LSR webpage](#)
- [KAUST Evacuation Plans](#)
- [LabMapper for Assessments](#)
- [Lab Safety Plan template](#)
- SOP template
- [Safety Supplies List](#)
- [Prescription Safety Glasses](#)
  
- [ASEPC](#)
- [Equipment Surplus](#)
- **Chemical Reuse Program** - Contact [WHSOrder@kaust.edu.sa](mailto:WHSOrder@kaust.edu.sa)
- **Consumables Reuse Program** - Contact [WHSOrder@kaust.edu.sa](mailto:WHSOrder@kaust.edu.sa)







If you have any question or need advice, please contact us at  
[HSE@kaust.edu.sa](mailto:HSE@kaust.edu.sa)