

# 2025

## ECR TRAINING@LIH

Upskilling Early Career Researchers



MARCH

INTRODUCTION TO R				
Part 1	11/03/2025	9:00 am - 1:00 pm		
Part 2	18/03/2025	9:00 am - 1:00 pm		
Part 3	26/03/2025	9:00 am - 1:00 pm		
Dr Reka Toth	Edison	internal	3x4h	12

CONFOCAL MICROSCOPY: BASICS AND APPLICATIONS				
	20/03/2025	1:00 pm - 5:00 pm		
Dr Céline Hoffmann	Edison	open	4h	12

MAKE THE MOST OF YOUR NOTES - AN INTRODUCTION TO NOTE-TAKING WITH OBSIDIAN				
	25/03/2025	2:00 pm - 6:00 pm		
Dr Lisa Hefele	HoBH	open	4h	12

LETZ GET STARED - INITIATION TO LUXEMBOURGISH CULTURE AND LANGUAGE				
Part 1	31/03/2025	9:00 am - 12:30 pm		
Part 2	01/04/2025	2:00 pm - 5:30 pm		
Dr Malou Fraiture	Edison	open	2x3h30	12

HOW TO INCREASE MY PRODUCTIVITY AND FOSTER INNOVATION IN RESEARCH				
	10/04/2025	10:00 am - 1:00 pm		
Dr Guy Fagherazzi	Edison	internal	3h	25

STATISTICS 1: INTRODUCTION TO EPIDEMIOLOGY				
	22/04/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

STRESS MANAGEMENT - THE ESSENTIALS				
	30/04/2025	2:00 pm - 4:00 pm		
Dr India Pinker	Edison	open	2h	12

PREPARING EFFECTIVE RESEARCH POSTERS				
	14/05/2025	1:00 pm - 5:00 pm		
Dr Malou Fraiture	Edison	open	4h	12

STATISTICS 2: BASIC STATISTICS 1				
	20/05/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

OMICS DATA ANALYSIS IN R				
Part 1	02/06/2025	9:00 am - 1:00 pm		
Part 2	10/06/2025	9:00 am - 1:00 pm		
Part 3	16/06/2025	9:00 am - 1:00 pm		
Part 4	24/06/2025	9:00 am - 1:00 pm		
Dr Reka Toth	Edison	internal	4x4h	12

STATISTICS 3: BASIC STATISTICS 2				
	03/06/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

STATISTICS 4: SAMPLE SIZE CALCULATION OF ANIMAL EXPERIMENTS				
	17/06/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

HOW TO PREPARE FOR THE PHD DEFENCE				
	01/07/2025	10:00 am - 12:00 pm		
Dr Anouk Ewen	Edison	internal	2h	12

INTRODUCTION TO THE DETERMINANTS OF HEALTH				
	04/07/2025	10:00 am - 12:00 pm		
Dr Maria Ruiz	Edison	open	2h	12

INTRODUCTION TO HEALTH ECONOMICS				
Part 1	07/07/2025	10:00 am - 12:00 pm		
Part 2	08/07/2025	10:00 am - 12:00 pm		
Dr Valérie Moran	Edison	open	2x2h	12

SEPTEMBER

HEALTHY DIET: A WORKSHOP ON FOOD LABELLING AND ITS IMPORTANCE TO AVOID CRITICAL NUTRIENTS				
	10/07/2025	1:30 pm - 5:30 pm		
Dr Alejandra Loyola Leyva	Edison	internal	4h	12

STATISTICS 5: ANOVA AND LINEAR REGRESSION				
	16/09/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

ADVANCED VISUALIZATION WITH R				
	23/09/2025	9:00 am - 5:00 pm		
Dr Reka Toth	Edison	internal	8h	12

INTRODUCTION TO PROJECT MANAGEMENT				
	24/09/2025	1:00 pm - 6:00 pm		
Dr Ingrid Vreja & Dr Suzanne Delfortrie	Edison	open	5h	12

STATISTICS 6: LOGISTIC REGRESSION				
	30/09/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

OCTOBER

PREPARING A SUCCESSFUL CLINICAL RESEARCH PROJECT IN LUXEMBOURG				
Part 1	3/10/2025	1:30 pm - 5:30 pm		
Part 2	6/10/2025	9:00 am - 1:00 pm		
Dr Christelle Bahlawane & Dr Laetitia Garcia	Edison	open	2x4h	12

STATISTICS 7: SURVIVAL ANALYSIS				
	07/10/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

MULTIOMICS DATA ANALYSIS				
Session 1: Introduction to R	09/10/2025	9:00 am - 1:00 pm		
Session 2: Exploratory data analysis	17/10/2025	9:00 am - 1:00 pm		
Session 3: Differential expression analysis	23/10/2025	9:00 am - 1:00 pm		
Session 4: Predictive Models	27/10/2025	9:00 am - 1:00 pm		
Dr Petr Nazarov and team	Edison	open	4x4h	12

NOVEMBER

STATISTICS 8: MIXED MODELS				
	04/11/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

DEEP LEARNING				
Part 1	13/11/2025	2:00 pm - 5:00 pm		
Part 2	21/11/2025	2:00 pm - 5:00 pm		
Part 3	27/11/2025	2:00 pm - 5:00 pm		
Part 4	04/12/2025	2:00 pm - 5:00 pm		
Part 5	11/12/2025	2:00 pm - 5:00 pm		
Dr Vladimir Despotovic	Edison	open	5x3h	12

DECEMBER

STATISTICS 9: STATISTICAL LEARNING				
	16/12/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

STATISTICS 10: CLASSIFICATION (RANDOM FOREST, DECISION TREE, CLUSTER)				
	25/11/2025	9:00 am - 1:00 pm		
CCMS Team	Edison	open	4h	12

HOW TO VALORIZE YOUR RESEARCH: FROM IDEA TO COMMERCIALIZATION				
	TBC	TBC		
Dr Jérémie Langlet / Mr Onur Emül (IPIIL)	Edison	internal	5h	8

HOW TO WRITE A PHD THESIS				
	TBC	TBC		
Dr Eric Van Dyck	BAM	open	3h30	12

- Legend**
- Trainer
  - Location
  - Total Duration
  - Max. participants
  - Methodology
  - Transferable skills
  - Scientific skills
  - Intellectual Property

- Courses are for free. Registration is opened 4 weeks before course start and closed 1 week before. Confirmations for registration and course instructions (if applicable) are sent 1 week before course start.
- LIH staff should register via MPLEO Training and external participants (from public research institutions or hospitals in Luxembourg) by sending an e-mail to [formation@lih.lu](mailto:formation@lih.lu).
- Sessions can be booked independently, whereas a training consisting of multiple parts needs to be booked in its entirety.
- A certificate of attendance or of successful completion can be delivered. Please request it on the signing sheet during the training.
- The ECR Training @ LIH programme is also available at <https://www.lih.lu/en/careers/training-and-workshops/>

- Course locations**
- Edison Building  
1A-B, rue Thomas Edison, L-1445 Strassen
  - House of Biohealth (HoBH)  
29, rue Henri Koch, L-4354 Esch-sur-Alzette
  - LCTR Building  
6, rue Nicolas-Ernest Barblé, L-1210 Luxembourg

**Contact**  
[formation@lih.lu](mailto:formation@lih.lu)