

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				
Dr Céline Hoffmann	Edison	open	4h	12

MAKE THE MOST OF YOUR NOTES – AN INTRODUCTION TO NOTE-TAKING WITH OBSIDIAN				
Dr Lisa Hefele	HoBH	open	4h	12

APRIL

HOW TO INCREASE MY PRODUCTIVITY AND FOSTER INNOVATION IN RESEARCH				
Dr Guy Fagherazzi	Edison	internal	3h	25

STATISTICS 1: INTRODUCTION TO EPIDEMIOLOGY				
CCMS Team	Edison	open	4h	12

STRESS MANAGEMENT - THE ESSENTIALS				
Dr India Pinker	Edison	open	2h	12

MAY

PREPARING EFFECTIVE RESEARCH POSTERS				
Dr Malou Fraiture	Edison	open	4h	12

STATISTICS 2: BASIC STATISTICS 1				
CCMS Team	Edison	open	4h	12

JUNE

OMICS DATA ANALYSIS IN R				
Part 1	10/06/2025 9:00 am - 1:00 pm			
Part 2	16/06/2025 9:00 am - 1:00 pm			
Part 3	24/06/2025 9:00 am - 1:00 pm			
Part 4	30/06/2025 9:00 am - 1:00 pm			
Dr Reka Toth	Edison	internal	4x4h	12

STATISTICS 3: BASIC STATISTICS 2				
CCMS Team	Edison	open	4h	12

STATISTICS 4: SAMPLE SIZE CALCULATION OF ANIMAL EXPERIMENTS				
CCMS Team	Edison	open	4h	12

JULY

INTRODUCTION TO THE DETERMINANTS OF HEALTH				
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

STATISTICS 5: ANOVA AND LINEAR REGRESSION				
CCMS Team	Edison	open	4h	12

ADVANCED VISUALIZATION WITH R				
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

LETZ GET STARED - INITIATION TO LUXEMBOURGISH CULTURE AND LANGUAGE				
Part 1	14/10/2025 9:00 am - 12:30 pm			
Part 2	15/10/2025 9:00 am - 12:30 pm			
Dr Malou Fraiture	Edison	open	2x3h30	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	CANCELLED	23/10/2025 9:00 am - 1:00 pm		
Session 4: Predictive Models	CANCELLED	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

HEALTHY DIET: A WORKSHOP ON FOOD LABELLING AND ITS IMPORTANCE TO AVOID CRITICAL NUTRIENTS				
17/11/2025 9:00 am - 1:00 pm				
Dr Alejandra Loyola Leyva	Edison	internal	4h	12

STATISTICS 9: STATISTICAL LEARNING				
25/11/2025 9:00 am - 1:00 pm				
CCMS Team	Edison	open	4h	12

STATISTICS 10: CLASSIFICATION (RANDOM FOREST, DECISION TREE, CLUSTER)				
16/12/2025 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 (IPIL)	Edison	internal	5h	8

Legend

Trainer	Methodology
Location	Transferable skills
Total Duration	Scientific skills
Max. participants	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.
- 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