

# R FOR REPRODUCIBLE SCIENTIFIC ANALYSIS

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RENOIR-ITN



Consiglio Nazionale delle Ricerche  
Institute of Genetics and Biophysics  
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IGB-CNR INSTITUTE OF  
GENETICS AND  
BIOPHYSICS

SEP 27-30, 2022  
2:30 PM - 6:30 PM CEST



ONLINE WEBINAR

SCIENTIFIC SKILLS

# PROGRAM

Date

SEP 27

DAY

01

TIME	DESCRIPTION
2:30 pm	Welcome & Presentation; Testing setup and zoom; Pre-workshop survey
3:00 pm	Introduction to R and RStudio
4:15 pm	Morning break
4:35 pm	Project Management With RStudio
5:15 pm	Seeking Help
5:45 pm	Data Structures
6:15 pm	Wrap-up



This project receives funding from the European Union's Horizon 2020 research and innovation programme under Marie Skłodowska-Curie grant agreement No 860034

**FOR INQUIRIES**

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# PROGRAM

Date

SEP 28

DAY

02

TIME	DESCRIPTION
2:30 pm	Warm-up
2:45 pm	Data Structures (continued)
4:00 pm	Morning break
4:20 pm	Subsetting Data
6:15 pm	Wrap-up



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# PROGRAM

Date

SEP 29

DAY

03

TIME	DESCRIPTION
2:30 pm	Warm-up
2:45 pm	Subsetting Data (continued)
3:00 pm	Exploring "gapminder" dataframe
3:30 pm	Control Flow
4:20 pm	Morning break
4:40 pm	Creating Publication-Quality Graphics with ggplot2
6:20 pm	Wrap-up



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# PROGRAM

Date

SEP 30

DAY

04

TIME	DESCRIPTION
2:30	Warm-up
2:45	Writing Data
3:00	Morning break (I)
3:15	Dataframe Manipulation with dplyr
4:45	Morning break (II)
5:00	Dataframe Manipulation with dplyr (continued)
5:30	Writing Good Software
6:10	Wrap-up; Post-workshop Survey
6:30	END



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