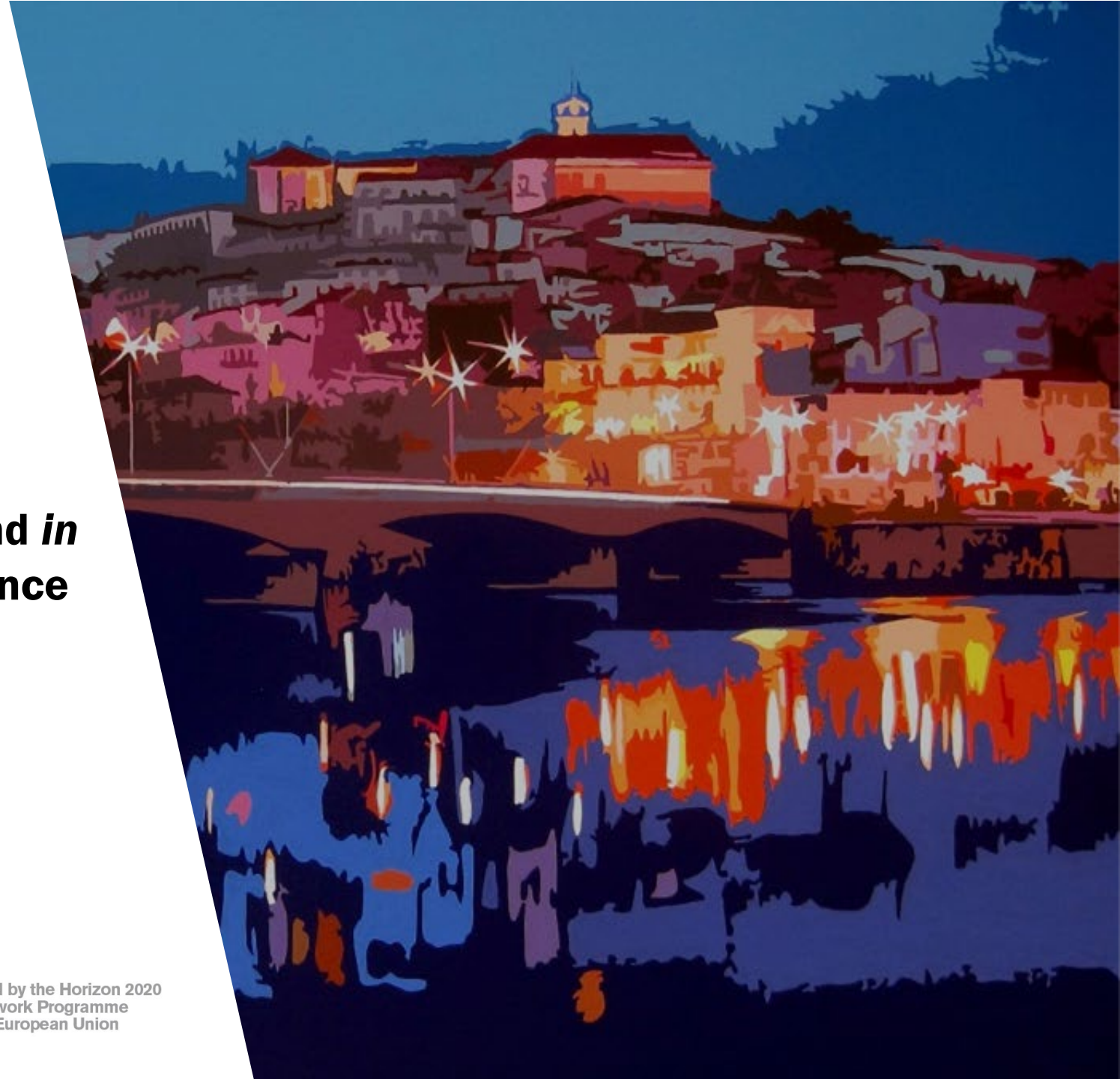
STRATAGEM
CA17104

WG3 & WG4 Training School

Applications of genomic, cytometry and *in silico* studies to evaluate drug resistance – Clinical implications

Coimbra, Portugal

27th – 29th June



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EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY

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Training School WG3 & WG4

Applications of genomic, cytometry and In Silico studies to evaluate drug resistance – Clinical implications

Coimbra, Portugal (27th – 29th June 2022)

Day 1 – 27th June	
9h	Registration & Opening Session
9h45	**Lesson I** Cell Culture
10h45	*Coffee break*
11h	**Lesson II** Flow Cytometry and Microscopy
12h	**Lesson III** Molecular Biology Approaches
13h	*Lunch Break*
14h30	**Lab Training** **LG I** – Viability and Proliferation Assays **LG II** – Flow cytometry Studies **LG III** – Microscopy Assays
18h00	End of Day

Day 2 – 28th June	
9h	**Case discussion** NGS and Arrays Interpretation
10h	**Lesson IV** Intercellular transfer of MDR phenotype
10h40	*Coffee break*
11h	**Lesson V** Computational approach to trim targets
11h40	**Lesson VI** In Silico studies ADMEtox
12h20	**Lesson VII** Molecular modeling for antitargets
13h	*Lunch Break*
14h30	**Lab Training** **LG IV** - Computational approach to trim targets **LG V** - In Silico studies ADMEtox **LG VI** - Molecular modeling for antitargets
18h00	End of Day

Day 3 – 29th June	
9h	**Lesson VIII** Biomimetic models
9h40	**Lesson IX** Image in MDR
10h20	Closing Session
10h40	*End of Training School*