

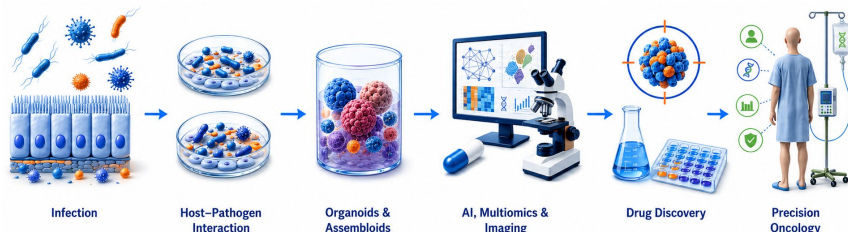


Join TagTIC!

and contribute to Infection-Driven Cancer Research

11 Fully Funded PhD Positions

TagTIC is a Marie Skłodowska-Curie Actions Doctoral network that brings together leading academic and industrial partners across Europe to understand how infections drive gastrointestinal cancers and how we can turn this knowledge into therapies.



Our 11 PhD Projects

Project 1 - Cooperative oncogenesis: *H. pylori* and EBV in gastric epithelial transformation

Organoids • EBV • *H. pylori* • AI
Silja Wessler, PLUS Salzburg, AUSTRIA

Project 2 - Small-molecule inhibitors targeting EBV signalling

Drug Discovery • EBV • HTS • Proteomics
Arnd Kieser, Helmholtz Munich, GERMANY

Project 3 - Improving drug response in *F. nucleatum*-positive colorectal cancer

Colorectal Cancer • Organoids • Immunology • Drug Screening
Richard Moriggl, PLUS Salzburg, AUSTRIA

Project 4 - Target discovery in *H. pylori* and *F. nucleatum*-induced transformation

Microbiology • Genetics • Organoids • Target Discovery
Joanna Skorko-Glonek, University of Gdansk, POLAND

Project 5 - Restoring epithelial immunity to prevent colorectal cancer

Immunology • Spatial Omics • Organoids • Cancer Prevention
Cindrilla Chumduri, Aarhus University, DENMARK

Project 6 - AI-guided design of novel therapeutics for gastrointestinal cancers

AI • Medicinal Chemistry • Molecular Modelling • Drug Design
Rino Ragno, Sapienza University of Rome, ITALY

Project 7 - Drug discovery against bacterial virulence

Medicinal Chemistry • Biophysics • Anti-virulence • ADMET
Anna K.H. Hirsch, Helmholtz Saarland, GERMANY

Project 8 - Tumour evolution and therapy resistance in gastric cancer

Patient-derived Organoids • Multi-omics • Therapy Resistance
Isabel Sanchez Perez, Universidad Autónoma de Madrid, SPAIN

Project 9 - Microbial metabolites driving colorectal cancer

Metabolomics • Single-cell Omics • CRC • Systems Biology
Johannes Betge, DKFZ, Heidelberg, GERMANY

Project 10 - Microbiome regulation of RNA modifications in cancer

Epitranscriptomics • Microbiome • RNA Biology • Precision Medicine
Alessandro Fatica, Sapienza University of Rome, ITALY

Project 11 - Artificial Intelligence for infection-driven cancers

AI • Digital Pathology • Image Analysis • Biomarker
Rupert Ecker, TissueGnostics, Vienna, AUSTRIA

Project start
January 2027

WHY JOIN TAGTIC?



Joint/Double PhD degrees



International Secondments



Academic & industry mentorship



Cutting-edge technologies and facilities



Excellent training & transferable skills



Competitive MSCA salary and working conditions

A strong European Consortium



11 Academic Partners



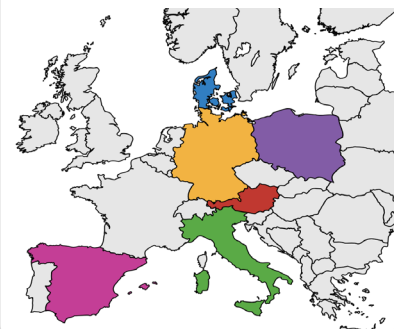
12 Industrial Partners



6 European Countries



11 Doctoral Researchers



Call for applications



Selection process



Join the network



Project start January 2027

Ready to make impact?

Apply and shape the future of infection oncology!



Apply [here!](https://www.tagtic.eu)



Funded by the European Union



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