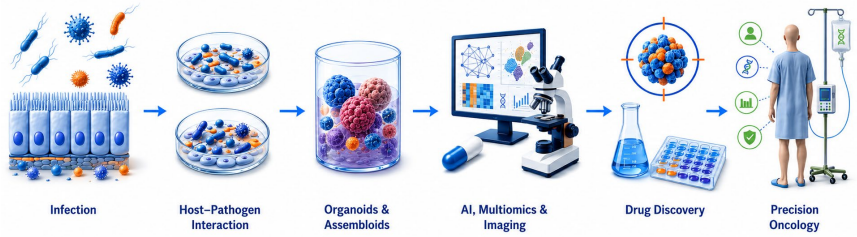
Join TagTIC!

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.

Project start **January 2027**



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

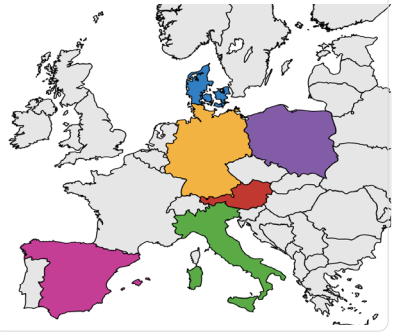
Project 11 - Artificial Intelligence for infection-driven cancers
AI • Digital Pathology • Image Analysis • Biomarker
Rupert Ecker, TissueGnostics, Vienna, AUSTRIA

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!**

Funded by the European Union

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www.tagtic.eu