

## EIC Transition Open and Challenges 2023 call

Proposal Acronym	Proposal Title	Proposal Duration	Country coordinator	Coordinating organisation	Recommended Budget
ACU-SERS	Automated Clinical Platform For Personalized Antibiotherapy In Critical Units Based On Surface Enhancement Raman Spectroscopy	36	DK	DANMARKS TEKNISKE UNIVERSITET	2,499,997.50 €
AMICA	Adaptive microcombs for innovative connectivity in datacenter applications and optical clocks	36	SE	CHALMERS TEKNISKA HOGSKOLA AB	2,499,340.00 €
AQLAS	Advanced lasers for quantum technologies	36	IT	ISTITUTO NAZIONALE DI RICERCA METROLOGICA	2,483,740.00 €
BeeOmetrics	BeeOmetrics: an AI-powered predictive platform based on wild bee activity for targeted environmental management.	36	BE	BEEODIVERSITY	2,485,833.75 €
COCOPOP	Coherent Comb for Co-Packaged Optics	36	IE	PILOT PHOTONICS LTD	2,482,500.00 €
Coati-X	New generation of bioactive coating for intravenous catheters and implantable medical devices to prevent infections and thrombosis	36	BE	CMD-COAT SA	2,476,343.50 €
Dypha	Dypha: adding the dimension of time to cell culture	36	NL	DEMCON sync biosystems B.V.	2,499,625.00 €
FASS	Fast and Accurate Solubility for Sustainability	30	DE	EUROPEAN INFRASTRUCTURE OF OPEN SCREENING PLATFORMS FOR CHEMICAL BIOLOGY EUROPEAN RESEARCH INFRASTRUCTURE CONSORTIUM (EU-OPENSREEN ERIC)	867,937.50 €
GAIA	Graphene-based Artificial Iris for Active light management in a smart contact lens	36	BE	Azalea Vision	2,498,375.00 €
HYPERCELL	Magnetic Resonance at the Scale of a Cell	30	DE	NVISION IMAGING TECHNOLOGIES GMBH	1,998,750.00 €
OptoWavePro	Near natural hearing restoration through waveguide-based optical cochlear implants	36	DE	UNIVERSITAETSMEDIZIN GOETTINGEN - GEORG-AUGUST-UNIVERSITAET GOETTINGEN - STIFTUNG OEFFENTLICHEN RECHTS	2,499,983.50 €
OxyBatt	High-temperature oxygen batteries for Industrial Internet of Things	36	ES	FUNDACIO INSTITUT DE RECERCA DE L'ENERGIA DE CATALUNYA	2,499,750.00 €
PROFUSE	A Revolutionary Tech for Exceptionally Efficient Natural Muscle Tissue Growth in Cultivated Meat Applications	24	IL	ProFuse Technology Ltd.	2,432,030.00 €

Penphomet	PEN photoporation for the genetic engineering of therapeutic mesenchymal stromal cells and T cells	36	BE	TRINCE	2,497,711.25 €
QlibriNANO	The world's most sensitive absorption microscope	36	DE	QLIBRI GMBH	2,480,000.00 €
RAMAN	Rapid Affordable Microbiota Analysis at the point of Need	24	FR	BFORCURE	2,466,223.75 €
RESPONSE	Early detection of treatment response in breast cancer	36	DK	DANMARKS TEKNISKE UNIVERSITET	2,499,229.75 €
ReLiV	Real time Liver disease early diagnosis through exhaled Volatile Organic Compounds sensing	36	IL	NANOSE MEDICAL LTD	2,499,875.00 €
SCOPE	Leveraging CRISPR-Cas for fast and accurate point-of-care diagnostics	24	NL	Scope Biosciences B.V.	2,498,125.00 €
SKYTALE	Real-time quantum decoders for reliable quantum computing	36	UK	Riverlane Ltd	2,499,375.00 €
TREM2MEDS	Towards the clinical implementation of TREM2 Microglia Engineering for treating DementiaS	36	IT	UNIVERSITA DEGLI STUDI DI PADOVA	2,499,721.25 €
Vasc-on-Demand	Prefabricated Mature Blood Vessels and Tools for Vascularized 3D Cell Culture	36	DE	UNIVERSITAETSKLINIKUM WUERZBURG - KLINIKUM DER BAYERISCHEN JULIUS-MAXIMILIANS-UNIVERSITAT	2,488,750.00 €
Welinq	Industry-grade Quantum Memory Links enabling the Quantum Internet	24	FR	WELINQ SAS	2,499,375.00 €
entropiC	Anticounterfeiting solution based on integrated circuits implementing high-entropy physical unclonable functions	36	IT	QUANTAVIS SRL	2,498,750.00 €
femto-iCOMB	Integrated femtosecond laser based frequency comb and photonic microwave oscillator	36	DE	Cycle GmbH	2,498,245.00 €
iSENS	Integrated needle-free injection and sensing using opto-microfluidics	36	NL	FlowBeams BV	2,500,000.00 €
proposal Bart Kuyken	MOde LOcKing for Advanced Sensing and Imaging	36	BE	UNIVERSITEIT GENT	2,522,500.00 €