Results of the Call for Intellectual Property (IP) Studies 2026

#	Institution	Research Group	Technology	Area	TRL	Ownership	Applications	Current IP	Study asked	Price	Researcher name
1	IRB and BSC	Comparative Genomics	Microbiome-based prognostic tool for tumor recurrence via Peritoneal Fluid upon anastomotic leak following colorectal cancer surgery	Prognostic Tool	2	IRB Barcelona, BSC, Hospital del Mar Institute Barcelona, ICREA	Unmapped Diagnostic Space Patent Freedom Dual Predictive Value Actional Preventive Care	No formal patent applications	_Patentability study	5.000,00 €	Toni Gabaldón
2	UB	Computational Molecular Design Lab	A High-Performance Computational Platform for Hit Discovery in Ultra-Large Chemical Spaces	Integrated platform with a modular architecture	4	Álvaro Serrano-Morras, Jordi Juárez-Jiménez, Salomé Llabrés, Carles Galdeano	accelerate and improve the efficiency of early-stage drug discovery through the integration of advanced computational methodologies within a physics-based, adaptable and easy-to-use workflow	No IP Protection	_IP Strategic roadmap	5.000,00 €	Jordi Juárez-Jiménez
3	CIMNE	Computational Bioengineering Group	A methodology for physics-informed memory-efficient embedded inference for Doppler-based stroke detection, enabled by reduced-order modelling and statistical dimensionality reduction	Embedded medical device	3	UPC and CIMNE	•Portable stroke diagnosis •Emergency medicine •Ambulance services •Telemedicine •Low-resource healthcare systems •Rural healthcare	No patent application yet (under active research and manuscript preparation)	_Patentability study _Freedom to Operate Study	5.000,00 €	Miguel Aguirre Eduardo Soudah
4	UPF	SynBio Lab	Strategic IP Roadmap for an HPC-enabled RNA Gene-Writing Platform Based on Engineered Retroelements	HPC-enabled RNA gene-writing platform	3	Universitat Pompeu Fabra and ICREA	Provide a more modular and scalable route for genome insertion, based on transient, non-viral components and a differentiated retroelement-derived mechanism	First patent family: engineered ORF2 proteins as the molecular machinery	_IP Strategic roadmap _Freedom to Operate Study	5.000,00 €	Gerard Mingarro Broch
5	BSC	Quantic (CASE)	Exact Scalar Engine for Gaussian-Plus-Ladder Bosonic Circuits	Computer-implemented method	4	BSC and ICFO	this engine computes exact scalar outputs for Gaussian-plus-ladder circuits directly, with cost controlled by the finite non-Gaussian algebraic structure rather than an exponentially growing Fock cutoff, is compatible with automatic differentiation, and unifies multiple scalar objectives behind one flexible insertion interface.	No patent application has been filed yet	_Patentability study _Freedom to Operate Study	5.000,00 €	Alba Cervera Lierta

X4HPC Xarxa d'R+D+I per la Supercomputació