



Rapid Detection and Control Systems for Antimicrobial Resistance

Market Sounding

Directory of Market Sounding Respondents

1 March 2023

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About RaDAR

RaDAR is a European Commission co-funded Public Procurement of Innovation (PPI) project which aims to address the European urgent need of a rapid detection and effective infection control system for antimicrobial resistance (AMR) through the implementation of a value-based cross-border collaborative procurement of innovative solutions.

RaDAR brings together buyers in the healthcare sector with expert partners to present a market challenge for the global problem of antimicrobial resistance and work with supplies to demonstrate value-based solutions.

About this document

This document is a compilation of contact details for those companies that responded to the RaDAR Market Sounding that was conducted from 25 November 2022 - 27 February 2023.

These companies have consented to inclusion in this publication and the content they have provided is unaltered in any manner other than visual presentation to aid ease of use.

In cases of multiple responses from the same company, all consenting entries have been included.

This company directory ("Directory") has been prepared solely in order to provide an efficient way for potential suppliers to communicate with each other in advance of any formal procurement.

This Directory does not purport to contain an exhaustive list of future potential suppliers, nor does it suggest that any form of arrangement or agreement has been entered into with the organisations contained herein.

No reliance should be placed on any information contained in this Directory and no representation or warranty, express or implied, is or will be made, and no responsibility or liability is or will be accepted as to the accuracy, adequacy or completeness of such information within this Directory.

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Abbott Rapid Diagnostics

Abbott is a Medical Device Company which works in the field of Laboratory diagnostic, diabetes, nutritional products, and Point of Care and Rapid Tests. In this division, Abbott works on the diagnostic of CardioMetabolic and Infectious diseases, including in the assessment of parameters which predict the development of bacterial diseases, and which provide aid for the antimicrobial treatment with Point of Care devices, such the C - Reactive Protein (CRP). We have experience at Hospital level, but also at Primary Care and Urgency level.

These new tools are getting promoted in European Countries like Nordic, Netherlands, and in Spain some regions like Madrid, Catalonia or Castile and Leon are working on POC tools for the use of antibiotics and the assessment of the CRP at Primary Care level.

<https://www.globalpointofcare.abbott/en/index.html>

Abbott Rapid Diagnostics srl

La società ha per oggetto le seguenti attività: - produzione, importazione, esportazione ed il commercio di prodotti ed attrezzature medico sanitarie ed analitiche in genere, nonché parafarmaceutiche e la fornitura di servizi ad essi relativi, - la ricerca, sviluppo, produzione e vendita di software, attrezzature e prodotti per la diagnosi, il trattamento ed il monitoraggio della salute e delle malattie umane ed animali; - l'acquisizione di rappresentanze e mandati di agenzia inerenti ai suddetti prodotti ed attrezzature. La società, nell'osservanza della normativa che disciplina le specifiche materie e, quindi, previa le autorizzazioni, abilitazioni ed iscrizioni eventualmente richieste, e nel rispetto di tutte le altre condizioni previste, può compiere qualsiasi operazione commerciale, mobiliare, immobiliare e bancaria (esclusa la raccolta del risparmio) ritenuta utile ed opportuna per il conseguimento dello scopo sociale; a tal fine potrà contrarre mutui, comunque garantiti, prestare fidejussioni, anche a favore di terzi, nonché assumere partecipazioni ed interessenze in altre società o imprese aventi oggetto analogo od affine, comunque con esclusione di ogni tipo di collocamento, esclusa ogni attività nei confronti del pubblico ed al solo fine del conseguimento dell'oggetto sociale, il tutto purché ciò sia esercitato in misura non prevalente rispetto all'attività ordinaria ed anche nel rispetto delle norme di cui alla legge n. 197 del 1991 e successive anche per quanto attiene all'intervento degli intermediari arbitrati, ed al d.l.vo 1 settembre 1993 n. 385.

www.globalpointofcare.abbott.com

Abbott Rapid Diagnostics

Abbott is leading Company in diagnostic solutions with a large portfolio in point of care testing able to meet a wider range of needs

<https://www.globalpointofcare.abbott/it/about.html>

AI4SMB - AI in Biotech

AI in Biotech

www.ai4smb.de

AI4SMB in Biotech @ B'IMPRESS - impressive communication in Biotech

Biotech & MoringaVerde

www.ai4smb.de

aizoOn

aizoOn is a global technology consulting company focused on innovation VISION AND MISSION
Our Vision: is about using the scientific method and focus on data-driven decisions to enable a more responsible and sustainable society
Our Mission: is to support our customers in their journey through the digital era, bringing strong know-how in technology and innovation
APPROACH The digital economy requires new visions, technologies and organisational models
We have embraced the eco-system approach: innovation happens through a co-creation process involving government agencies, individuals, public and private entities

www.aizoongroup.com

Ares Genetics GmbH

We are leading provider of CE-IVD and FDA cleared, as well as RUO molecular diagnostics and microbial genomics solutions. The Unyvero, Acuitas and ARES branded services and solutions are designed for diagnosis and surveillance of AMR pathogens.

<https://www.opgen.com/ares/>

Arnika Srl

Arnika is the official italian distributor of international companies leader in molecular diagnostics, including Bruker and Molzym. Arnika has an extensive expertise in supporting clinicians implementing new technologies for the rapid and efficient detection of infections as well as resistant bacteria/fungi.

www.arnika.net

Bacteromic Sp. z o.o.

Founded in 2017, Bacteromic is a medtech startup focusing on delivering access to precision antibiotic therapies to every patient suffering a bacterial infection. The Bacteromic team encompasses a dynamic mix of specialties, spanning microbiology, biochemistry, microfluidics, engineering, automation, software development, data analysis, mathematics, and intellectual property protection. The goal of BacterOMIC system is to take antibiotic susceptibility testing (AST) to the next level by offering quantitative evaluations of all clinically relevant antibiotics in a single test. BacterOMIC uses the most trusted microdilution AST, combined with cutting-edge microfluidics, to provide unprecedented information density on a single disposable panel. The BacterOMIC system consist of BacterOMIC analyzer, BacterOMIC filing device and BacterOMIC panel Uni. BacterOMIC adapts the standard workflow used in AST.

www.bacteromic.com

Basel Pharmacoepidiology Unit @ University Hospital Basel / University of Basel

Research group at the interface of clinical pharmacy and epidemiology

Baxter Healthcare Ltd

Baxter Healthcare touches millions of lives every day. Our products and services are essential building blocks of healthcare. You'll find Baxter's products and therapies on nearly every floor, in every department, in almost every hospital worldwide. Patients and providers rely on Baxter for lifesaving renal and medical products, including intravenous (IV) solutions, systems and administrative sets, IV infusion parenteral nutrition, perioperative care, pharmacy devices and software, acute renal care, and home and in-center dialysis.

Our mission to save and sustain lives inspires our work and our commitment to expanding access to care, providing cost-effective healthcare solutions, delivering quality products and advancing innovations for the world. In 2000, the ICNET Company was founded and has grown from strength to strength with over 55% of NHS Trusts using our system across England, 90% of Health boards using our system in Scotland and numerous implementations across the USA, Canada, Australia and Middle East. National systems are also in place across New Zealand, Wales and South Africa and The Middle East.

In February 2014 ICNET became a wholly owned subsidiary of Baxter International Inc. ICNET disease surveillance software has been recognised as an essential tool by the worldwide infection prevention community and we have experience of deploying regional, national and local systems throughout EMEA, North America and Asia Pacific. ICNET is now installed in over 1200 facilities globally. Our talented team of professionals work with Infection Prevention and Antimicrobial Stewardship teams across the globe to bring you the best-in-class electronic surveillance tools which contribute to more efficient ways of working, earlier identification of infection risks and lower infection rates.

Our team is passionate about harnessing the power of information technology in the fight against healthcare associated infections and antimicrobial resistance.

<https://www.icnetsoftware.com/>

Beckman Coulter

Beckman Coulter is a leading diagnostic company worldwide and is present throughout the "big 5" EU Countries. Supplying both private and public sectors for Blood Chemistry, Immunoassay, Hematology and Microbiology.

<https://www.beckmancoulter.com/en/products/microbiology>

Beckman Coulter

Beckman Coulter is a worldwide leader in the automated Identification / antimicrobial susceptibility testing field

<https://www.beckmancoulter.com/en/products/microbiology>

Beckman Coulter

A global leader in clinical diagnostics, Beckman Coulter Diagnostics has challenged convention to elevate the diagnostic laboratory's role in improving patient health for more than 80 years. Our mission is to Relentlessly Reimagine Healthcare, One Diagnosis at a Time – and we do this by applying the power of science, technology and the passion and creativity of our teams.

Our diagnostic solutions are used in complex clinical testing, and are found in hospitals, reference laboratories and physician office settings around the globe. We exist to deliver smarter, faster diagnostic solutions that move the needle forward from what's now to what's next. We do this by accelerating care with an extensive clinical menu, scalable lab automation technologies, insightful clinical informatics, and optimize lab performance services.

Headquartered in Brea, Calif., with more than 11,000 global team members, Beckman Coulter Diagnostics is part of the Danaher Corporation family of global science and technology companies.

www.beckmancoulter.com

Becton Dickinson S.A. (Sociedad Unipersonal)

BD is one of the largest global medical technology companies in the world and is advancing the world of health by improving medical discovery, diagnostics and the delivery of care. The company supports the heroes on the frontlines of healthcare by developing innovative technology, services and solutions that help advance both clinical therapy for patients and clinical process for healthcare providers. BD and its 75,000 employees have a passion and commitment to help enhance the safety and efficiency of clinicians' care delivery process, enable laboratory scientists to accurately detect disease and advance researchers' capabilities to develop the next generation of diagnostics and therapeutics. BD has a presence in virtually every country and partners with organizations around the world to address some of the most challenging global health issues. By working in close collaboration with customers, BD can help enhance outcomes, lower costs, increase efficiencies, improve safety and expand access to healthcare.

<https://www.bd.com>

Becton Dickinson

BD is one of the largest global medical technology companies in the world and is advancing the world of health by improving medical discovery, diagnostics and the delivery of care. The company develops innovative technology, services and solutions that help advance both clinical therapy for patients and clinical process for health care providers. BD and its 65,000 employees have a passion and commitment to help improve patient outcomes, improve the safety and efficiency of clinicians' care delivery process, enable laboratory scientists to accurately detect disease and advance researchers' capabilities to develop the next generation of diagnostics and therapeutics. BD has a presence in virtually every country and partners with organizations around the world to address some of the most challenging global health issues. BD helps customers enhance outcomes, lower costs, increase efficiencies, improve safety and expand access to health care.

<https://www.bd.com>

BIOLAN HEALTH

BIOLAN HEALTH is a biotech company focused on the development and commercialization of new solutions for In Vitro Diagnostic. Our products are based on two technologies that have proven to be highly effective for the simple, rapid, non-invasive and cost-effective detection of a large number of parameters of interest in the medical sector: electrochemical biosensors and lateral flow immunoassays. We have already 4 products in the market: - OSAXYL (for diagnosis of lactose intolerance) - COVID-19 Rapid Antigen Test designed for professional use - COVID-19 Rapid Antigen Test designed for Self-Testing - COVID-19 IgG/IgM serological test for professional use We have ISO:13485 quality system and AEMPS license as a manufacturer of medical devices.

www.biolanhealth.com

bioMérieux

bioMérieux is a world leader in the field of in vitro diagnostics that is present in 45 countries and that serves more than 160 countries. bioMérieux develops and produces clinical diagnostic solutions that help healthcare professionals quickly and reliably determine a pathology or the source of a contamination and provide them with crucial information for optimal patient care. (cf. <https://www.biomerieux.com/corp/en/who-we-are/biomerieux-at-a-glance.html>)

www.biomerieux.com

BioMérieux Italia S.p.A.

R&D e productions instruments e reagents diagnostic in vitro microbiology and infectious diseases

www.biomerieux.it

Cepheid France

Cepheid is dedicated to improving healthcare by pioneering molecular diagnostics that combine speed, accuracy, and flexibility. The company's GeneXpert® systems and Xpert® tests automate highly complex and time-consuming manual procedures, providing A Better Way for institutions of any size to perform world-class PCR testing. Cepheid's broad test portfolio spans respiratory infections, blood virology, women's and sexual health, TB and emerging infectious diseases, healthcare-associated infectious diseases, oncology and human genetics. The company's solutions deliver actionable results where they are needed most – from central laboratories and hospitals to near-patient settings.

www.cepheid.com/fr/

Cepheid Iberia SLU

Cepheid is dedicated to improving healthcare by pioneering molecular diagnostics that combine speed, accuracy, and flexibility. The company's GeneXpert® systems and Xpert® tests automate highly complex and time-consuming manual procedures, providing A Better Way for institutions of any size to perform world-class PCR testing. Cepheid's broad test portfolio spans respiratory infections, blood virology, women's and sexual health, TB and emerging infectious diseases, healthcare-associated infectious diseases, oncology and human genetics. The company's solutions deliver actionable results where they are needed most – from central laboratories and hospitals to near-patient settings.

<https://www.cepheid.com/es/>

Cepheid Italy

Cepheid is dedicated to improving healthcare by pioneering molecular diagnostics that combine speed, accuracy, and flexibility. The company's GeneXpert® systems and Xpert® tests automate highly complex and time-consuming manual procedures, providing A Better Way for institutions of any size to perform world-class PCR testing. Cepheid's broad test portfolio spans respiratory infections, blood virology, women's and sexual health, TB and emerging infectious diseases, healthcare-associated infectious diseases, oncology and human genetics. The company's solutions deliver actionable results where they are needed most – from central laboratories and hospitals to near-patient settings.

<https://www.cepheid.com/it>

CIC

CIC is an engineering and IT projects development company founded in 1990 in Santander (Spain). It currently employs more than 350 people and provides innovative solutions and services to customers across more than 40 countries worldwide, mainly in Europe, Asia and North America. CIC supports the Digital Transformation addressed to different markets, including Energy & Utilities, Infrastructures, Industry 4.0, Public Sector, Transport and Logistics, with a complete offer combining software development and IT integration, ICT infrastructures, data management and business intelligence applications, mobile and GIS solutions, telecommunication network management systems, consulting, support and maintenance services.

<https://www.cic.es/en/>

Department of Public Health, University of Napoli "Federico II"

The Department of Public Health is an University Department in the School of Medicine of University of Naples Federico II. The Department includes several laboratories, clinical and surgical sections, which are involved in teaching, research and clinical activities. The hygiene section of the Department includes molecular biology and microbiology laboratories, which are involved in phenotypic and genotypic characterization of microbial isolates responsible for healthcare-associated infections. Our research group is interested in the development and production of novel antiseptics, which are based on the scientific evidence we recently published in *Antibiotics* 2022, 11, 961. <https://doi.org/10.3390/antibiotics11070961>

<https://www.docenti.unina.it/#!/webdocenti/user/riferimenti>

Dewact Labs GmbH

Development of a simple to use and low cost lateral flow test (qualitative analysis of a drop of whole blood) to determine between viral and bacterial infection within 15 min.

dewactlabs.com

Dia-chem srl

Dia-chem S.r.l. is born in 1989 from a group of managers who have gained significant experience for years in the world of national and international diagnostics. They collaborate with a team of researchers to develop and standardize kit in molecular biology. Dia-chem, since its creation, is focused on innovation and collaboration with the international scientific community. This international presence reinforces the capability to offer solutions to the clinical diagnostics and to anticipate client's needs. Dia-chem S.r.l. is on the market with the following diagnostic lines: drug resistance, oncohematology, oncology and epigenetic, haemostasis and thrombosis, hemochromatosis, virology, neurology, infertility, panel for the predisposition to inflammation, predisposition to alimentary intolerance and recurring miscarriage. Our proposal is focused on quality, practicality and implementation of international reference techniques, with particular attention to the management costs.

The molecular diagnostic in modern medicine provides the necessary tools for the development of new strategies in the fight against many diseases. Hospitals and diagnostic laboratories using these techniques require high sensitivity, high specificity, easiness of use, fast analytical timing and limited costs. Dia-Chem offers a wide range of technical tests based on Real-Time Polymerase Chain Reaction (PCR) technique (PCR RFLP), Sanger sequencing, PCR Cold (RFLP) Cold PCR Sanger sequencing which can be provided both directly to the health operators and through distributors. These kits are independent from instrumentation and can be used on different analytical platforms such as: Rotor-Gene™ (Qiagen), LineGeneK™ (Bioer Technologies), iQ5, CFXTM (BioRad), SmartCycler™ (Cepheid), Applied Biosystems 7300/7500, StepOne, MX3005PTM, MX3000 PTM (Agilent Technologies).

www.diachem-srl.it

Doole Health

Doole Health is a company that has developed an Open Telemedicine Platform that enables patient empowerment as well as professional coordination between different care levels. Doole is interoperable with any IT System

<https://doolehealth.com/en/home/>

Envira IOT

Air quality monitoring.

<https://enviraiot.es/>

EURECAT - Technological Center of Catalonia

Eurecat, the big industrial technology provider of Catalonia offers business services applied R & D, technology services, technology consulting, training highly specialized development of innovative products and services, and promotion and dissemination of technological innovation

<https://eurecat.org/en/>

First Light Diagnostics, Inc.

First Light Diagnostics develops in vitro diagnostic products for the rapid detection and identification of organisms, biomarkers, and toxins associated with critical infectious diseases and the rapid determination of phenotypic direct-from-specimen antimicrobial susceptibility.

www.firstlightdx.com

GaDia SA

GaDia is a swiss startup developing and manufacturing rapid diagnostic test for fungal, bacterial and parasitic infections to give valuable results in 15 minutes to the healthcare professional to save lives. KarbaDia is a rapid test for the detection of 5 types of carbapenemase in bacterial colonies.

www.gadia.net

genoMI Diagnostics

genoMI's main objective is to develop and manufacture products for in vitro diagnosis using simple molecular biology techniques. genoMI's products are being developed with isothermal Nucleic Acid Amplification Techniques (NAAT), specifically as a reference technique LAMP (Loop Mediated Isothermal Amplification).

<https://genomidiagnostics.com/>

GenoScreen

GenoScreen, founded in 2001, is an innovation-driven biotech company in the field of microbial genomics and bioinformatics. We develop, manufacture and market molecular tools and analytical solutions for biomedicine and especially infectious diseases drug resistance. Our solutions are used in more than 80 countries by world leading players in academia, industry, hospital, pharmaceutical and other institutions. Our flagship product, Deeplex Myc-TB kit, is one of the most comprehensive commercial molecular tests for detection of anti-TB-drug resistance available to date. Based on Next Generation Sequencing, this culture-free assay allows TB detection and antibiotic resistance prediction in less than 48 hours.

<https://www.genoscreen.fr/en/>

Graphenea Semiconductor S.L.U

Graphenea Semiconductor (Graphenea) is a leading supplier of CVD graphene films and devices manufactured within the Foundry division by designing, manufacturing and supplying graphene-based chips and materials for your industrial need. The vertical integration that Graphenea offers, that covers the graphene growth, transfer, device fabrication and post-processing, allows a full control of the manufacturing process, providing consistent and reliable high-quality products.

Graphenea's expertise is in biosensing and photonic applications and will provide their design and manufacturing expertise, accumulated throughout 10+ years, to scale up the design proposed in the early prototyping stage to mass-produce the biosensor that will eventually be used in the detection of the illness. Graphenea also uses its knowledge of the semiconductor manufacturing and value chains to scale up the functionalization schemes as well as prototype a cartridge into which these graphene chips will be integrated seamlessly.

www.graphenea.com

HORUS

We develop software for healthcare like Laboratory Information Systems, Blood Transfusion Systems, Electronic HealthCare Record and Data Analysis

www.horus.es/ss

Indicate Solutions

Indicate biotech is an innovative IVD company, committed to developing affordable nucleic acid-based rapid tests based on patented technologies. Our mission is to allow the diagnosis of diseases, such as infectious diseases and cancer companion diagnostics, which are typically tested in centralized, well-equipped lab, to be accomplished as simple as a pregnancy test.

<http://indicate.solutions/>

Informática Médica

Informática Médica is a business group highly specialized in developing computer tools more appropriate to the needs of professionals in the Health Sector: doctors, managers, administrators and assistants

<https://www.informatica-medica.com>

Kelyon S.r.l.

Kelyon S.r.l. was founded in 2008 by a group of ICT experts with experience in the healthcare sector who are committed to the digital transformation of health and care. Today, Kelyon is a qualified digital health company, with a clear understanding of unmet, ever-changing clinical needs and has a multidisciplinary team of top-level experts in medical and biomedical field for the development of certified Software as Medical Devices (SaMDs) that comply with privacy and clinical data security requirements.

Kelyon's experience and expertise allow us to offer clients – pharma companies, healthcare organizations, research organizations, medical-scientific associations, patients' associations – highly efficient and sustainable digital solutions that improve the prevention, diagnosis, management and treatment of life-changing diseases. For the scope, we firmly believe that the research is a driver for innovation and therefore we carefully select our research partners to ensure the development of knowledge at the basis of our solutions (e.g., data analysis, data science, machine learning, deep learning, artificial intelligence, biological and molecular network analysis, precision medicine, evidence-based medicine). All our solutions are open-source, cloud-based, and comply with national and international regulatory requirements and privacy and security regulations.

Kelyon's digital solutions chiefly support physicians monitoring the health status of patients suffering from a wide range of chronic and/or complex diseases and making optimal clinical decisions. Some of the apps that we develop simplify access to molecular diagnostic tests, improve data sharing among medical professionals and facilitate patient support programs. Kelyon also offers complete and systematic guidance and advice for all phases of device development, from conceptualization to final roll-out and maintenance in the market, certification and knowledge transfer to the end-user.

Kelyon implements a certified Quality Management System: • UNI EN ISO 9001:2015, for the processes of "Design, development, maintenance and support of software products. Provision of hosting services"; • • UNI CEI EN ISO 13485:2016, for the processes of "Design, development, customer specifications, production, maintenance and assistance of medical software platforms for managing health data of patients. Provision of consulting services in the biomedical field".

www.kelyon.com

KIRANET SRL

KIRANET is an Innovative SME, founded in 2005, whose main objective is to create value for customers and partners through the combination of technologies and expertise in the field of ICT applied to specific market sectors. Indeed, by constantly arguing with the academic world, KIRANET applies research and precompetitive development to healthcare, manufacturing, aerospace, railway, smart cities sectors. In the last 10 years, KIRANET has lead very important e-Health projects. KIRANET aims to continuously generate new opportunities and themes that increase the skills and potential of medical applications. Technological innovation in KIRANET products together with biomedical research are strongly transforming care processes and health services.

www.kiranet.it

LUMED

LUMED's mission is to improve health by optimizing care. We commercialize state-of-the-art decision support systems that meet the specific needs of clinicians. We work in three areas: antimicrobial stewardship, infection prevention and oncology. We differentiate ourselves through our accurate alerts and deep knowledge base.

Our solutions have been developed to be the cornerstone of the activities of the teams they serve in the hospital. We improve the efficiency and effectiveness of clinicians by providing easy access to the data essential to their work. We have developed and demonstrated the impact of our solutions in infectious diseases and oncology.

lumed.ca

MB Pharma

Small Czech company focused on research, development and GMP production of bacteriophages, bacterial lysates and bacterial enzymes, to be used to fight with resistant bacterial infections and to be transferred into human clinical practice.

www.mbph.cz

Merck

Merck is a multinational company based in Germany

Microbiology Beckman Coulter

Sales and Application Specialist in Microbiology ID and AST

Moirai Biodesign, S.L.

Moirai Biodesign, the RNA Architects company, is a biotech company founded in 2016 with a strong knowledge on RNA and computational RNA design. Our company has patented two in-vitro diagnostics technology enabling the fast and affordable detection of RNA in labs of all sizes and the PoC.

www.moirai biodesign.com

Molzylm GmbH & Co. KG

Molzylm is established in Bremen, Germany, driving innovation since 2003 through scientific rigor. From CE IVD-marked broad-range molecular diagnostic kits, host DNA depletion technology, MolYsis™, to ultra-clean PCR reagents and assays, Molzylm is one of the leading providers of culture-independent molecular solutions. Our technology enables the detection of microbes directly from body fluids, tissues, and swabs using PCR or NGS-based methods. Pathogens can be identified within hours, significantly improving the management of patients with rapid, pathogen-targeted antimicrobial therapy. With a global distribution network, Molzylm delivers high-quality products to researchers and clinical scientists worldwide, contributing to the fight against life-threatening microbial infections and anti-microbial resistances, the biggest global health threat.

www.molzylm.com

Nextage Srl

Nextage is an innovative SME highly specialised in the biomedical field with experience in regional, national and european R&D programs. We offer services in the ICT field: - Designing and developing web and mobile projects using the most modern technologies and coding tools (Angular, HTML5, noSQL database, hybrid framework...); - Consulting in Information Security (ISO/IEC 27001) - projecting, implementing and managing an Information Security Management System (ISMS), including the extensions Information Security controls based on ISO/IEC 27002 for cloud services (ISO/IEC 27017), Protection of Personally Identifiable Information (PII) in public clouds acting as PII processors (ISO/IEC 27018); Privacy Information Management System (ISO/IEC 27701); Quality Management Systems (ISO 9001); IT Service Management Systems (ISO/IEC 20000); Business Continuity Management Systems (ISO 22301); Privacy and GDPR compliance, (Personal Data protection system, risk analysis and Data Protection Impact Assessment -DPIA), internal audit and audit recommendations; secure coding (OWASP guidelines) - Research services and management of funded programs, R&D on behalf of third parties, support and development of start-up initiatives. T

he management and analysis of biomedical big data, both clinical and genetic, has always been subject of interest from us, supported by research funded projects and recently clients. The knowledge and skills gained over the years in this field has allowed to develop the local node of the repository for Galliera Hospital (Genoa, Italy) that allows to store health information in the regional Electronic Health Record (EHR) and, in partnership with 3M Health Information Systems, a platform for the management of Hospital Discharge Forms, today used in many Italian regions, hospitals and health centers. Moreover, the ICT unit's activity of creating web enterprise platforms, with particular attention to biomedical topics, has made it possible to both get an Italian patent ("System and process management method") and to create an internal structured, homogeneous, tested, and always updated framework - NxFrame - which contains all the fundamental characteristics / components for the secure coding, efficient design and development and which is registered in the SIAE's "Special Public Registry for Computer Programs".

On the other hand, the R&D area is partner of many research initiatives - Polo Scienze della Vita, SIIT PMI, Confindustria (ICT and Home Digital Care area), Silver Economy Network, Cluster PROSSIMO - and cooperates since its born with "Computer Science, Bioengineering, Robotics and Systems Engineering Department (DIBRIS)" of the University of Genoa, "Center for Advanced Studies, Research and Development in Sardinia (CRS4)" and "Centro Nazionale Ricerche (CNR)". The last funded projects being carried out by these synergies include: - An eHealth/mHealth platform for the clinician and patient aimed at guiding people during their path of prevention and cure: Progetto Liguria 4P (Predictive, Personalized, Preventive, Participatory) Health - A platform for the management, standardization and analysis of regional pharmaceutical flow of data: DALIAH - DATA Lake Information Architecture for Healthcare - A cloud platform to monitor the cognitive fragility supported by AI algorithms: AI-MEMO Alzheimer Early Monitoring - A platform and VR exercises of a high technology and low cost multimodal laparoscopic surgery simulator- ELVIS Educational Laparoscopy with Virtual Instructive Simulations and robotics - A platform to manage the prevention and control of antimicrobial resistance and healthcare-associated infections data - EpICA

<https://nextage-on.com/>

Pivéu MedTech Solutions

Start up with a solution for nosocomial infection risk-management and reduction.

piveu.com

Pivéu MedTech Solutions

A MedTech start-up that has developed StopSSIs, a solution for risk evaluation for infection prevention.

Proquinorte

We are a company specializing in the distribution of laboratory supplies and equipment founded in 1965. Proquinorte is considered one of the leading distribution companies in Spain, covering a wide variety of equipment and products necessary for each area: Microbiology, Pathology, Genetics, Immunology, and Hematology. We are a customer-focused organization aimed at all types of sectors: hospitals, pharmaceuticals, cosmetics, food, water analysis, petrochemicals, research centers, universities, and industrial organizations in general. Proquinorte, with a workforce of more than 50 people, is located in the Bizkaia Technology Park, in Zamudio. With more than 1,000 m² of surface area, it is fully prepared to face its strategic expansion plan. Iberia Thermo Fisher and Molzym distributors

<https://www.proquinorte.com/>

Pulso Ediciones

Pulso is an SME with 42 years as a service provider on health market as a scientific publisher, patient support programs, eHealth developer. We develop and commercialize ICT solutions to UE market.

www.pulso.com

P4Q ELECTRONICS, SLU

P4Q electronics is a company focused on design and manufacturing electronical products for automotive, railway, industrial applications, solar energy and health (rapid tests readers)

<https://www.qassay.com/>

Q-linea AB

At Q-linea, we design, develop, and deliver innovative technology to aid physicians and technicians to improve patient outcomes and save lives. We aim to vastly reduce the time to optimal therapy. Q-linea provides infectious disease diagnostics to create sustainable healthcare, now and in the future. For patients, physicians, and society.

<https://www.qlinea.com/>

Sens Solutions

Sens Solutions is a Disruptive Company that develops water and air monitoring systems aimed at the optimization of resources (human, energy efficiency, reduction in the use of biocides, etc.). The main focus is the detection of bacterial pathogens (Legionella, Clostridium difficile, Staphilococcus Aerous, Klebsiella pneumoniae,...). Our IOT platform combines Machine Learning with state-of-the-art sensors to perform preventive and efficient treatments. The integrated alarm system allows to know the status of the installations in real time.

<https://www.sens.solutions/en/home/>

SMALTIS

Smaltis is a french laboratory specialized in microbiology and molecular biology, delivering tailor-made solutions to support the development of health products, from research steps to clinical phases. One of our fields of expertise is infectious risk and antimicrobial resistance.

www.smaltis.fr

SORMAS Foundation

SORMAS (Surveillance Outbreak Response Management & Analysis System) is an open-source digital platform for epidemic and pandemic response worldwide. The system allows not only epidemiological diseases surveillance, but also early detection of disease outbreaks. SORMAS is in use in several countries across 5 WHO regions and it has been recognised as a mature Digital Global Good. The SORMAS Foundation is a non-profit organisation whose mission is to support countries and health organisations in the implementation of SORMAS as well as to ensure the high quality standards of the software. The team at the SORMAS Foundation combines the disease control and technology knowledge that allow the adaptation of the software to the needs of the organisations.

www.sormas.org

Sysmex España S.L

Compañía IVD dedicada al diagnóstico médico que ofrece soluciones en hematología, oncología, citometría de flujo, point of care y análisis de orina.

<https://www.sysmex.es/index.html>

THERMO FISHER DIAGNOSTICS SPA

THERMO FISHER DIAGNOSTICS S.p.A., a single-member company, is the Italian branch of Oxoid International Ltd, the International group based in Basingstoke (UK), which exercises direction and coordination over the subsidiary. its core business is the sale and distribution of products diagnostic consumables and instrumentation, intended for clinical and quality control laboratories of the industry. It has a single legal and operational headquarters in Italy (in the province of Milan) where the offices are located and the goods warehouse.

WWW.THERMOFISHER.COM

Vésale Bioscience

Vésale Bioscience is a Belgian biotech, created in 2018 as a spin-out of Vésale Pharma thanks to its long experience in microbiotics. We fight antibacterial multi-resistant infections (AMR) with our personalized phage therapy solutions: 1) We have developed a fast diagnostic tool Luminophage®, an automated Phagogram®, that will recommend in a couple of hours (instead of days/weeks) the optimal phages association to fight the specific patient's bacteria. 2) We produce a library of phages in advance and deliver within 24h the selected phages as API for tailored magistral preparations. This approach dramatically increases the success rate of AMR treatments and allows to treat acute and chronic infections at the hospital: already tested in more than 100 critically ill patients without major safety concerns

www.phage.health

Vicomtech - Fundación Centro De Tecnologías De Interacción Visual Y Comunicaciones -

Vicomtech is a non-profit applied research centre specialising in Artificial Intelligence, Visual Computing and Interaction. Among its 230 employees, more than 160 are researchers (+55 PhD) dedicated to the field of applied research. Vicomtech has researchers with a strong experience on several fields of ICT. Due to the direct contact to several industries from different sectors (Engineering, Transport, Medical, etc.), the researchers are experts in bringing innovation to the companies with the latest advances in research.

The Department of Digital Health & Biomedical Technologies of Vicomtech has over 10 years' experience in the research and development of graphics, imaging, computer vision, interaction, information and artificial intelligence technology for the medical, clinical, health, biology, biotechnology and pharmaceutical sectors.

We closely cooperate with clinical institutions and industrial partners in the research and development of technologies, prototypes and products for computer-assisted diagnosis, therapy planning, intervention and follow-up, hospital information management, clinical decision support, support for biomedical research and clinical studies, telemedicine and home care and assistive technologies.

<https://www.vicomtech.org/en>

Werfen España, S.A.U

Werfen contribute to the advancement of patient care around the world through innovative Specialized Diagnostics.

www.werfen.com