

BioItaly / StartUp Initiative 2015 Edition

RED BIOTECH

1. **Art:** Enriching biomaterials with aptamers to create a new class of implantable medical devices that can selectively sort desired proteins from the patients' blood and retain them
2. **Cytofind Diagnostics:** Diagnostic platform for the detection and isolation of CTCs to predict the performance of cancer chemotherapy and to adapt treatment to patient needs.
3. **Edge Chip:** Lab-on-a-chip based system with universal applications ranging from detection of disease markers to multiplexed identification of molecular targets in samples for analytical and diagnostic purposes.
4. **Epi-C:** Academic spin-off operating in the field of Epigenetics with an innovative epigenetic drug against cancer.
5. **Eudendron:** Drugs designed through innovative molecular aiming to target human cancer and resistance mutations.
6. **Fastissues:** 3D porous scaffolds able to repair a damaged IVD by promoting its regeneration.
7. **IV Tech:** New technology to create more relevant in-vitro models, for drug and cosmetic companies that want to reduce the costs of R&D.
8. **Lead Discovery Siena:** New therapeutic solutions for the treatment of Glioblastoma multiforme, a rare type of brain tumor.
9. **Ray Genetics:** Build up a predictive SNPs-based prognostic assay to select breast cancer patients at risk of developing adverse reaction to radiotherapy.
10. **Takis:** Generation of therapeutic cancer vaccines based on Electro Gene Transfer (EGT) and Adenoviral Vectors.
11. **TissueGraft:** Biological substitutes for soft tissue replacement and regeneration (blood vessels replacement, artero-venous accesses, hernia containing and carotid repair).

WHITE - GREEN BIOTECH

1. **BFBP Technologies:** Direct conversion of desulphurised biogas into a valuable biopolymer (PHA) and pressurised bio-methane for the anaerobic synthesis of PHA and biomethane.
2. **iSweetch:** Production of protein-based sweeteners
3. **Microbion:** Molecular microbiology service provider and diagnostics developer, where customising solutions leads to market-driven innovative products
4. **MOGU:** Bio-plastics and bio-materials produced with agricultural waste and mycelium, thanks to industrialized natural processes
5. **Silk biomaterials:** Silk fibroin-made tissue engineered graft for vascular procedures

HEALTCHARE & MEDICAL DEVICES

1. **Andremacon:** We conceptualize, design and develop biopharmaceuticals, building personalized solutions targeting stem cells to cure cancer.
2. **[BioCare Provider](#):** Modular mhealth platform to improve self-management and communication with healthcare providers and carers.
3. **[C4T](#)** - Novel CB2 Receptor Agonists: Development of a new Drug Candidate for neuropathic pain treatment.
4. **[ComfTech](#):** Baby smart garment that allow good quality and non-intrusive monitoring that can be proposed both for hospital and for home care thanks to its intuitively and high usability.
5. **Light4Tech:** Emoled - LED based, low cost and easy to use medical device for the treatment of 2° degree skin lesions including chronic wounds.
6. **Loren medical devices:** Design, production and selling of an innovative disposable medical device, intravenous cannula modified.
7. **[Proteo](#):** Development of innovative solutions and offering to medical professionals easy-to-use digital fabrication instruments.
8. **[ReadRunner](#):** End-to-end solution for addressing the evaluation, monitoring and treatment of patients with learning disabilities.
9. **Sonnomedica:** Healthcare facility that provides treatments and services to deal with major ailments such as insomnia, snoring and sleep apnea.
10. **[The Smart Therapy Cart \(IPSA\)](#):** Solution to assist healthcare operators worldwide, while optimizing the clinical and logistic processes in pharmacotherapy, improve patient safety and reduce costs.
11. **[Troncone Engineering](#):** Design and prototyping of mechanical devices and medical instruments for disabled.