

HEALTH & LIFE TECHNOLOGIES

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THERAPEUTICS

> Neurosciences

- **PARKINSON'S DISEASE** - Induced Pluripotent Stem Cells (iPSC) and Embryonic Stem Cells (ESC) therapy for Parkinson's disease avoiding teratoma.
http://www.sattse-technologies.com/projects/en/parkinson_s_disease
- **HIGH THROUGHPUT SCREENING ASSAY FOR MODULATORS OF AMYLOID PEPTIDES AGGREGATION** - Allow to study combination of modulators and to monitor aggregation kinetics.
<http://conectlabs.conectus.fr/fr/node/825>
- **NEW TREATMENT FOR MODERATE TO SEVERE ALZHEIMER DISEASE** - Association of two elements already used to improve MMSE score from 3 to 4 points.
<http://backend.ouest-valorisation.fr/api/record/pdf/239>
- **IMAGE-GUIDED DEEP BRAIN STIMULATION** - Complete software platform to optimize the DBS procedure.
<http://backend.ouest-valorisation.fr/api/record/pdf/230>
- **LSR** - New agonists or antagonists of sigma-1 receptor.
<http://sattnord.fr/wp-content/uploads/2013/11/FICHE-TECHNO-LSR.pdf>

> Pain

- **LOCAL PAIN** - A new safe molecule for preventing, alleviating and treating acute, subacute and chronic local pain.
<http://www.sattse-technologies.com/projects/en/pain>
- **NEUROPAIN** - Highly efficient compounds to prevent or treat inflammatory and/or neuropathic pain.
<http://www.sattse-technologies.com/projects/en/neuropain>
- **TOPICAL ANESTHETIC: PRILOCAINE-FREE NANOEMULSION OF LIDOCAINE & UFA** - A very stable nanoemulsion for topical anesthesia formulated from an eutectic mixture of lidocaine and unsaturated fatty acids (UFA).
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **LSR** - New agonists or antagonists of sigma-1 receptor.
<http://sattnord.fr/wp-content/uploads/2013/11/FICHE-TECHNO-LSR.pdf>

> Infectious diseases

- **DENGUE & FLAVIVIRUSES** - A new drug family to treat tropical diseases induced by Dengue virus and other *Flaviviruses*.
http://www.sattse-technologies.com/projects/en/dengue_flaviviruses

- **MULTI DRUG RESISTANT BACTERIA** - Innovative adjuvant molecules restoring sensitivity to classical antibiotics on multi drug resistant bacteria.
http://www.sattse-technologies.com/projects/en/multi_drug_resistant_bacteria
- **MALARIA** - Antimalarial compounds active on multidrug resistant strains of *Plasmodium falciparum*.
<http://www.sattse-technologies.com/projects/en/malaria>
- **MINIGENOME TO CURE HCV** - Suicide vector in the form of chimeric genomic RNA.
<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>
- **VISUALIZATION OF MODULATORS OF THE EUKARYOTIC AND PROKARYOTE RIBOSOME** - Structure-based drug design technology to visualize and rationally develop modulators of the eukaryotic and prokaryote ribosome.
<http://conectlabs.conectus.fr/en/node/720>
- **BIOMARKERS OF DISSEMINATED INTRAVASCULAR COAGULATION (DIC) DURING SEPTIC SHOCK** - Predictive biomarkers for early diagnosis of sepsis associated DIC.
<http://conectlabs.conectus.fr/fr#/0=3/1=0/2=4/3=-1?filter=40&box=824>
- **NEW MICROBICIDES INHIBITING HIV-1 TRANSMISSION** - Innovative lipidic mannosides for local application.
<http://conectlabs.conectus.fr/fr#/0=3/1=0/2=7/3=-1?filter=40&box=828>
- **POLYPEPTIDE AS CYTOLYTIC AND ANTIMICROBIAL AGENTS** - Use of a new polypeptide to treat infectious disease.
<http://backend.ouest-valorisation.fr/api/record/pdf/190>
- **NEW TARGET TO TREAT NOSOCOMIAL INFECTION DUE TO S.AUREUS** - Use of polypeptide to regulate the expression of an immune-evasion molecule.
<http://backend.ouest-valorisation.fr/api/record/pdf/191>
- **PREVENTION OF SEPTIC COMPLICATIONS OF POST-TRAUMATIC IMMUNE DEPRESSION** - Use of agonists of TLR4 and 9 receptors.
<http://backend.ouest-valorisation.fr/api/record/pdf/231>
- **ANTIMICROBIAL AGENTS** - Probiotic and antimicrobial peptides from Pseudomonas strain.
<http://backend.ouest-valorisation.fr/api/record/pdf/182>
- **ANTI-INFLAMMATORY DENDRIMER** - Decorated dendrimer targeting inflammation.
[Toulouse Tech Transfer](#)
- **TUBERCULOSIS TARGETING** - A bacterial enzyme as a novel therapeutic target against *M. tuberculosis*.
[Toulouse Tech Transfer](#)
- **NANOTOXO** - Development of an innovative vaccine to prevent toxoplasmosis in sheep.
<http://sattnord.fr/wp-content/uploads/2013/12/FICHE-TECHNO-NANOTOXO.pdf>

> Inflammation

- **SCREENING OF ANTI-INFLAMMATORY MOLECULES WITH REDUCED SIDE EFFECTS** - Drug discovery method for glucocorticoids with dissociated profile.
<http://conectlabs.conectus.fr/fr/node/722>
- **ASTHMA AND COPD CIRCULATING CELL BIOMARKER** - *In vitro* diagnostic and discrimination between asthma and COPD patients.
<http://conectlabs.conectus.fr/en/node/816>
- **INCREASING SAFETY IN ASTHMA MANAGEMENT** - A novel target to develop a combination therapy to prevent side effects induced by long-term asthma control medications.
<http://conectlabs.conectus.fr/fr/node/888>
- **TREATMENT OF CHRONIC INFLAMMATORY DISEASES WITH A M-DC8+ MONOCYTE DEPLETING AGENT** - A more specific treatment using a depleting antibody directly targeting the monocytes responsible for overproducing TNF α in the region of chronic immune hyper-activation.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **LSR** - New agonists or antagonists of sigma-1 receptor.
<http://sattnord.fr/wp-content/uploads/2013/11/FICHE-TECHNO-LSR.pdf>

> Oncology

- **CYTOKINE ANGIO** - Exclusive antiangiogenic trispecific monoclonal antibodies for the treatment of solid tumors.
http://www.sattse-technologies.com/projects/en/cytokine_angio
- **ANTICANCER DERIVED FROM THE ACONITINE** - New ester for the treatment of tumor diseases.
<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>
- **VISUALIZATION OF MODULATORS OF THE EUKARYOTIC AND PROKARYOTE RIBOSOME** - Structure-based drug design technology to visualize and rationally develop modulators of the eukaryotic and prokaryote ribosome.
<http://conectlabs.conectus.fr/en/node/720>
- **NOVEL NEUROSTEROID DRUG CANDIDATES FOR THE TREATMENT OF CHEMOTHERAPY INDUCED PAINFUL NEUROPATHIES** - Analogs of the natural non-toxic allopregnanolone to eradicate cancer induced neuropathic pain with expected reduced side-effects.
<http://conectlabs.conectus.fr/fr/node/833>
- **IRREVERSIBLE KINASE INHIBITORS** - Two compounds derived from hypothemycin selected for their inhibition profile.
<http://conectlabs.conectus.fr/en/node/829>

- **AROMATIC SELF-ASSEMBLING POLYETHYLENIMINES AS EFFECTIVE siRNA DELIVERY REAGENTS** - Versatile and powerful agents for siRNA, miRNA and proteins transfection *in vitro*, *ex-vivo* and *in vivo*.
<http://conectlabs.conectus.fr/en/node/832>
- **A NEW RADIOPHARMACEUTICAL FOR LIVER CANCER TREATMENT** - Yttrium labelled radiotracer synthesis to target HCC (Hepatocellular Carcinoma).
<http://backend.ouest-valorisation.fr/api/record/pdf/232>
- **ANTI-CANCER DRUG: ASSOCIATION OF IRON CHELATOR AND POLYAMINE** - Antiproliferative activity similar to cisplatin with less side effects.
<http://backend.ouest-valorisation.fr/api/record/pdf/122>
- **ANTI-CANCER DRUG** - Gossypol and apogossypol derivatives, preparation thereof and uses thereof.
<http://backend.ouest-valorisation.fr/api/record/pdf/224>
- **NEW CLASS OF COMPOUNDS FOR CANCER** - Use of oxo-phenalene derivatives.
<http://backend.ouest-valorisation.fr/api/record/pdf/240>
- **TREATMENT FOR TRIPLE NEGATIVE BREAST CANCER** - New selective and covalent mTOR inhibitor.
<http://backend.ouest-valorisation.fr/api/record/pdf/241>
- **ANTIANGIOGENIC ANTIBODY** - Anti globotriaosylceramide (GB3) antibody for treating disorders associated with angiogenesis.
<http://backend.ouest-valorisation.fr/api/record/pdf/183>
- **TREATMENT FOR BONE RESORPTIVE DISEASES** - Peptides targeting rank and their applications.
<http://backend.ouest-valorisation.fr/api/record/pdf/180>
- **NEW MACROCYCLIC LIGANDS FOR ALPHA RADIOIMMUNOTHERAPY** - Chelate for stable lead/bismuth complexation.
<http://backend.ouest-valorisation.fr/api/record/pdf/181>
- **MANUFACTURING OF RADIOPHARMACEUTICALS COMPOUNDS** - New supported reagents.
<http://backend.ouest-valorisation.fr/api/record/pdf/242>
- **NEW MACROCYCLIC LIGANDS FOR IMAGING AND RADIOIMMUNOTHERAPY** - Methods for preparing functional tetraazacycloalkane compounds using a specific cyclic bisaminal compound.
<http://backend.ouest-valorisation.fr/api/record/pdf/181>
- **NANOCONTAINER** - Nanocontainer targeting epithelial cells.
[Toulouse Tech Transfer](#)
- **NEW SMALL CHEMICAL COMPOUNDS WITH ANTI-PROLIFERATIVE PROPERTIES** - A new class of chemical compounds with antiproliferative properties.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>

- **NEW PROGNOSTIC MARKER AND THERAPEUTIC TARGET IN LEUKEMIA** - Cytoplasmic localization of a specific marker predicts chemotherapy resistance in AML patients.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **TREATMENT OF ACUTE GRAFT-VERSUS-HOST DISEASE WITH *IN VIVO* ACTIVATED T-REGULATORY LYMPHOCYTES** - Providing antigen-specific T regulatory cells that can be activated after the transplantation to prevent and/or treat GVHD without impairing anti-tumor effect and global immunosuppression (cause of infections).
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **NEW STRATEGY FOR TARGETING CANCER STEM-LIKE CELLS** - Inhibiting specific pathways that are involved in CSC identity, survival and self-renewal represents a promising alternative therapeutic strategy.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **DNA-BASED IMMUNOTHERAPY FOR CANCER TREATMENT AND PREVENTION OF RELAPSE** - The development of a DNA-based immunotherapy to be administered in combination with ATRA (immunomodulator which induces malignant cell apoptosis). This approach is non-specific, thereby increasing immune response to therapy in both hematological cancers and solid tumors (2 patents).
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **LSR** - New agonists or antagonists of sigma-1 receptor.
<http://sattnord.fr/wp-content/uploads/2013/11/FICHE-TECHNO-LSR.pdf>

> Dental

- **NANOSTRUCTURED BIOMATERIALS FOR ENDODONTIC AND PERIODONTIC REGENERATION** - Nanostructured and functionalized multilayered films containing α -MSH as a new active biomaterials to enhance oral tissue regeneration in a predictable manner.
<http://conectlabs.conectus.fr/fr/node/883>

> Cardiovascular

- **NOVEL AMINO-PYRROLINE DERIVATIVES FOR THE TREATMENT OF METABOLIC SYNDROME** - First drug acting on several components of cardiovascular and metabolic risk.
<http://conectlabs.conectus.fr/fr/#/0=3/1=0/2=9/3=-1?filter=40&box=723>
- **HIGH THROUGHPUT SCREENING ASSAY FOR MODULATORS OF AMYLOID PEPTIDES AGGREGATION** - Allow to study combination of modulators and to monitor aggregation kinetics.
<http://conectlabs.conectus.fr/fr/node/825>
- **TREATMENT OF CORONARY ACUTE SYNDROME** - Use of microparticles for cardiac and vascular protection.
<http://backend.ouest-valorisation.fr/api/record/pdf/244>

> Orphan and Genetic Diseases

- **TREATMENT OF MYOTUBULAR MYOPATHY DUE TO MUTATIONS IN MTM1 BY DOWN REGULATION OF DYNAMIN 2 EXPRESSION** - Novel potential therapeutic approach for XLCNM (X-linked Centronuclear Myopathy).

<http://conectlabs.conectus.fr/en/node/882>

> Metabolic diseases

- **NOVEL AMINO-PYRROLINE DERIVATIVES FOR THE TREATMENT OF METABOLIC SYNDROME** - First drug acting on several components of cardiovascular and metabolic risk.

<http://conectlabs.conectus.fr/fr#/0=3/1=0/2=9/3=-1?filter=40&box=723>

- **HIGH THROUGHPUT SCREENING ASSAY FOR MODULATORS OF AMYLOID PEPTIDES AGGREGATION** - Allow to study combination of modulators and to monitor aggregation kinetics.

<http://conectlabs.conectus.fr/fr/node/825>

- **SMALL MOLECULES TO INCREASE INSULIN SENSITIVITY IN TYPE 2 DIABETES** - A small molecule with insulin sensitization activity and with no obvious toxicity *in cellulo* and *in vivo*.

<http://www.idfinnov.com/pages/technologiesEtExpertise.php>

> Respiratory

- **ASTHMA AND COPD CIRCULATING CELL BIOMARKER** - *In vitro* diagnostic and discrimination between asthma and COPD patients.

<http://conectlabs.conectus.fr/en/node/816>

- **LIPID-DETERGENT CONJUGATES FOR GENE THERAPY** - New reagent for *in vivo* nucleic acid delivery (siRNA and DNA).

<http://conectlabs.conectus.fr/en/node/821>

- **INCREASING SAFETY IN ASTHMA MANAGEMENT** - A novel target to develop a combination therapy to prevent side effects induced by long-term asthma control medications.

<http://conectlabs.conectus.fr/fr/node/888>

> Technology for drug diagnostic discovery

- **SCREENING OF ANTI-INFLAMMATORY MOLECULES WITH REDUCED SIDE EFFECTS** - Drug discovery method for glucocorticoids with dissociated profile.

<http://conectlabs.conectus.fr/fr/node/722>

- **VISUALIZATION OF MODULATORS OF THE EUKARYOTIC AND PROKARYOTE RIBOSOME** - Structure-based drug design technology to visualize and rationally develop modulators of the eukaryotic and prokaryote ribosome.

<http://conectlabs.conectus.fr/en/node/720>

- **BIOMARKERS OF DISSEMINATED INTRAVASCULAR COAGULATION (DIC) DURING SEPTIC SHOCK** - Predictive biomarkers for early diagnosis of sepsis associated DIC.

<http://conectlabs.conectus.fr/fr#/0=3/1=0/2=4/3=-1?filter=40&box=824>

- **DETECTION OF STAPHYLOCOCCAL ENTEROTOXINS: ANTIBODIES PREPARATION AND MULTIPLEX ASSAY** - A method of preparation of highly sensitive and specific polyclonal antibodies against staphylococcal enterotoxins for food, pharmaceutical and cosmetics industries.

<http://conectlabs.conectus.fr/en/node/823>

- **HIGH THROUGHPUT SCREENING ASSAY FOR MODULATORS OF AMYLOID PEPTIDES AGGREGATION** - Allow to study combination of modulators and to monitor aggregation kinetics.

<http://conectlabs.conectus.fr/fr/node/825>

- **NEW HIGH THROUGHPUT SCREENING AND EVOLUTION METHOD** - New high throughput fragment-based screening method using combinatorial assembly of PNA-tagged libraries.

<http://conectlabs.conectus.fr/en/node/830>

- **AROMATIC SELF-ASSEMBLING POLYETHYLENIMINES AS EFFECTIVE siRNA DELIVERY REAGENTS** - Versatile and powerful agents for siRNA, miRNA and proteins transfection *in vitro*, *ex-vivo* and *in vivo*.

<http://conectlabs.conectus.fr/en/node/832>

- **ALKALOIDS DETECTION AND DOSAGE USING MALDI-TOF MASS SPECTROMETRY** - A new matrix to optimize the signal to noise ratio and selectivity in MALDI-TOF mass spectrometry.

<http://backend.ouest-valorisation.fr/api/record/pdf/234>

> Other

- **SOFTCELL BIO** - Dynamic perfusion like Bioreactor for cell culture on soft scaffolds.

http://www.sattse-technologies.com/projects/en/softcell_bio

DIAGNOSTICS

> *In vitro* diagnostics

- **ICARE** - Immunofluorescence for Computed Antinuclear antibodies Rational Evaluation.
<http://www.sattse-technologies.com/projects/en/icare>
- **DNA CAPSULES** - Affordable and reliable internal standard for comet assay.
http://www.sattse-technologies.com/projects/en/dna_capsules
- **PREDICTIVE BIOMARKER FOR *IN VITRO* FERTILIZATION OUTCOME** - Non-invasive evaluation of implantation failure and miscarriage risks.
http://www.sattse-technologies.com/projects/en/predictive_biomarker_for_in_vitro_fertilization_outcome
- **CELL ID** - Statistical analysis of high content cellular and tissular images.
http://www.sattse-technologies.com/projects/en/cell_id
- **ASTHMA AND COPD CIRCULATING CELL BIOMARKER** - *In vitro* diagnostic and discrimination between asthma and COPD patients.
<http://conectlabs.conectus.fr/en/node/816>
- **PLASMODIUM DETECTION FOR BLOOD TRANSFUSION CENTERS** - Effective detection of antibodies against 4 plasmodium species to prevent Malaria infection through the route of transfusion.
<http://conectlabs.conectus.fr/en/node/721>
- **COMBYPLEX** - Kits of biomarkers to establish full male genetic profile.
[Toulouse Tech Transfer](#)
- **PREDICTION OF ACUTE GRAFT HOST DISEASE AND DONOR SELECTION BASED ON A CELL CULTURE KIT** - Provides a reliable detection method for selecting, before transplantation, appropriate donor that will not initiate GVHD.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **PROGNOSTIC MARKER OF SURVIVAL IN CANCER** - The invention relates to a PCR-based detection method of a novel gene that predicts survival of leukemia patients and has proved also efficient in prognosis of breast cancer patients.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **GLIOBLASTOMA PROGNOSTIC MARKERS** - Use of methylation status of 4 promoters to identify Stupp treatment response.
<http://backend.ouest-valorisation.fr/api/record/pdf/188>
- **NEW PROGNOSTIC BIOMARKERS IN HIGH-GRADE GLIOMAS** - A four-gene signature associated with clinical outcome in high-grade gliomas.
<http://backend.ouest-valorisation.fr/api/record/pdf/193>
- **BIOMARKER TO DETERMINE THE PHYSIOPATHOLOGIC STATUS OF UTERIN** - Protein identified as an evidence of embryo implantation.
<http://backend.ouest-valorisation.fr/api/record/pdf/194>

- **METHOD FOR CHARACTERISING THE ORIGIN AND/OR CONDITION OF DISEASED OR HEALTHY CELLS** - New isotope ratio-mass spectrometer application.
<http://backend.ouest-valorisation.fr/api/record/pdf/231>
- **ORGAN TRANSPLANTATION MONITORING** - Method for determining a risk of permanent graft rejection.
<http://backend.ouest-valorisation.fr/api/record/pdf/231>
- **DIAGNOSIS FOR IMMUNE DISORDERS** - Detection of antigen-specific peripheral blood mononuclear cells.
<http://backend.ouest-valorisation.fr/api/record/pdf/231>
- **EARLY DIAGNOSIS OF INFECTIOUS DISEASES** - Cytological method using the auto fluorescence of withe corpuscles.
<http://backend.ouest-valorisation.fr/api/record/pdf/231>
- **PYROSEQ** - Rapid test of diagnostic for quinolones resistances.
<http://sattnord.fr/wp-content/uploads/2013/12/FICHE-TECHNO-PYROSEQ.pdf>

> Medical imaging

- **VOLSTREAM** - Remote visualization of volume data.
<http://www.sattse-technologies.com/projects/en/volstream>
- **MAMMOSCAN** - One-shot localization of 3D targets in photoacoustic/thermoacoustic imaging.
<http://www.sattse-technologies.com/projects/en/mammoscan>
- **VOXELSHIFT** - More reliable chemical shift imaging.
<http://www.sattse-technologies.com/projects/en/voxelshift>
- **SIMILAR IMAGING** - Estimating the similarity between images of different modalities.
http://www.sattse-technologies.com/projects/en/similar_imaging
- **MRI OSCILLOSCOPE FOR REAL TIME MONITORING OF THE ELECTROMAGNETIC FIELDS** - A new compact sensor for MRI sequences visualization.
<http://backend.ouest-valorisation.fr/api/record/pdf/186>
- **DIFFUSION DIRECTION IMAGING: HOW TO VISUALIZE WHITE MATTER IN THE BRAIN?** - A new model to reconstruct fascicles: high performance tractography.
<http://backend.ouest-valorisation.fr/api/record/pdf/128>
- **EXAMINATION TIME CUT BY HALF TO GET MORE PRECISE DIFFUSION COEFFICIENTS IN DW-MRI** - A new procedure using an on-line phantom for more efficient DW-MRI exams.
<http://backend.ouest-valorisation.fr/api/record/pdf/187>
- **ADAPTIVE RADIOTHERAPY: AN INNOVATIVE TOOL FOR QUALITY ASSURANCE** - "Digital Phantom" simulating organ deformation during the treatment.
<http://backend.ouest-valorisation.fr/api/record/pdf/123>

- **HOW TO IDENTIFY LOCAL SUB-REGIONS RESPONSIBLE FOR TOXICITY IN PROSTATE CANCER RADIOTHERAPY TREATMENT?** - 3D atlas modelling local toxicity to generate patient-specific planning constraints and predict toxicity.

<http://backend.ouest-valorisation.fr/api/record/pdf/233>

- **QUANTITATIVE ANALYSIS OF OSTEOLYSIS TO HELP UNDERSTANDING PATHOPHYSIOLOGICAL MECHANISMS OF MULTIPLE MYELOMA** - Unwrapping 3D micro CT images of bone to quantify cortical bones microstructure.

<http://backend.ouest-valorisation.fr/api/record/pdf/235>

- **NEW GENERATION SPECT IMAGING** - An efficient gamma-camera: high sensitivity and spatial resolution.

<http://backend.ouest-valorisation.fr/api/record/pdf/125>

> Lab Instrumentation

- **ALKALOIDS DETECTION AND DOSAGE USING MALDI-TOF MASS SPECTROMETRY** - A new matrix to optimize the signal to noise ratio and selectivity in MALDI-TOF mass spectrometry.

<http://backend.ouest-valorisation.fr/api/record/pdf/234>

APPLIED BIOSCIENCES

> Genomic

- **NEXT GENERATION SEQUENCING QUALITY CONTROL GENERATOR** - QC system allowing precise analysis and quantitative means of comparing antibodies batches, removing human error.

<http://conectlabs.conectus.fr/en/node/817>

- **RETROMINE** - Relevant software to improve article searching among standard database (Pubmed).

<http://backend.ouest-valorisation.fr/api/record/pdf/231>

MEDICAL DEVICES

> Cardiovascular device

- **ORGAN PRESERVATION** - Optimized preservation solution that reduces heart damages during transplantation.

http://www.sattse-technologies.com/projects/en/organ_preservation

> Neurostimulation device

- **SMART CORTICAL STIMULATOR TO TREAT PARKINSON SYMPTOMS** - Adaptable neurostimulator less invasive with continuous monitoring.

<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>

- **IMAGE-GUIDED DEEP BRAIN STIMULATION** - Complete software platform to optimize the DBS procedure.

<http://backend.ouest-valorisation.fr/api/record/pdf/230>

> Respiratory device

- **STERILE, DISPOSABLE INTUBATION SET** - Single-use, low-cost, pocket-sized medical device, which improves selective intubation.

<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>

- **SLEEP APNEA CONTACTLESS DEVICE** - Diagnosis/monitoring without invasive nasal cannula.

http://www.sattse-technologies.com/projects/en/sleep_apnea_contactless_device

> Patient monitoring

- **BIO-MICROELECTRONIC INSULIN DEMAND SENSOR** - Sensor integrating all physiological signals.

<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>

- **PROP SCORE** - Accurate and reliable assessment of joint proprioceptive status.

http://www.sattse-technologies.com/projects/en/prop_score

- **SLEEP APNEA CONTACTLESS DEVICE** - Diagnosis/monitoring without invasive nasal cannula.

http://www.sattse-technologies.com/projects/en/sleep_apnea_contactless_device

- **INTELLIGENT BRACELET FOR PATIENT MONITORING** - Physiological parameters measurements using skin-contact sensors.

<http://backend.ouest-valorisation.fr/api/record/pdf/42>

- **SIMPLE AND FAST MONITORING METHOD FOR SLEEP DISORDERS DIAGNOSTIC** - Source separation algorithms to simplify the night sleep recordings.
<http://backend.ouest-valorisation.fr/api/record/pdf/236>
- **NON INVASIVE SURVEILLANCE FOR PREMATURE INFANTS** - Sleep pattern analysis by automatic treatment of the video.
<http://backend.ouest-valorisation.fr/api/record/pdf/237>
- **ELOKANZ** - Software to assess patients' cognition.
[Toulouse Tech Transfer](#)
- **MEDELOPT** - Project of start up for selling innovative and wireless device in the field of brains disorders.
<http://sattnord.fr/wp-content/uploads/2013/12/FICHE-TECHNO-MEDELOPT.pdf>

> Orthopedic device

- **PROP SCORE** - Accurate and reliable assessment of joint proprioceptive status.
http://www.sattse-technologies.com/projects/en/prop_score
- **FEMORAL DEROTATION** - Surgical ancillary to measure femoral derotation.
[Toulouse Tech Transfer](#)
- **ELECTRODEP** - Electrodeposition of doped and composite calcium phosphate coatings for prosthesis.
<http://sattnord.fr/wp-content/uploads/2013/12/FICHE-TECHNO-ELECTRODEP.pdf>

> Dental device

- **NANOSTRUCTURED BIOMATERIALS FOR ENDODONTIC AND PERIODONTIC REGENERATION** - Nanostructured and functionalized multilayered films containing α -MSH as a new active biomaterials to enhance oral tissue regeneration in a predictable manner.
<http://conectlabs.conectus.fr/fr/node/883>
- **DENTAL CARE** - New device for teeth treating and washing.
<http://backend.ouest-valorisation.fr/api/record/pdf/223>

> Ophthalmology

- **ORBITAL TISSUES RIGIDITY** - Medical device measuring the level of exophthalmos.
[Toulouse Tech Transfer](#)

> Materials

- **ANALGESIC APATITIC CALCIUM-PHOSPHATE CEMENT** - Bioresorbable calcium-phosphate composition with analgesic properties.
<http://backend.ouest-valorisation.fr/api/record/pdf/178>
- **ANTIMICROBIAL MATERIALS** - Antimicrobial silicone for healthcare applications.
<http://backend.ouest-valorisation.fr/api/record/pdf/185>

> Radiotherapy

- **CURIETHERAPIE** - Robotic system for prostate brachytherapy.
<http://sattnord.fr/wp-content/uploads/2013/11/FICHE-TECHNO-CURIETHERAPIE.pdf>
- **ADAPTIVE RADIOTHERAPY: AN INNOVATIVE TOOL FOR QUALITY ASSURANCE** - "Digital Phantom" simulating organ deformation during the treatment.
<http://backend.ouest-valorisation.fr/api/record/pdf/123>
- **HOW TO IDENTIFY LOCAL SUB-REGIONS RESPONSIBLE FOR TOXICITY IN PROSTATE CANCER RADIOTHERAPY TREATMENT?** - 3D atlas modelling local toxicity to generate patient-specific planning constraints and predict toxicity.
<http://backend.ouest-valorisation.fr/api/record/pdf/233>

> Other

- **SQUALAMINE & ANALOGUES** - Disinfecting agents for a full microbiological sterilization.
http://www.sattse-technologies.com/projects/en/squalamine_analogues
- **PROP SCORE** - Accurate and reliable assessment of joint proprioceptive status.
http://www.sattse-technologies.com/projects/en/prop_score

NUTRACEUTICS & COSMETOLOGY

> Functional food and beverage

- PROBIOTICS FOR ORAL HEALTHCARE - Four probiotics strain with healthcare interest.
<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>
- BIODRUG: CRC PREVENTION FOR HIGH RISK POPULATION - Use of a food-grade bacterium for delivery a protein of interest.
<http://backend.ouest-valorisation.fr/api/record/pdf/121>

> Cosmetics

- DETECTION OF STAPHYLOCOCCAL ENTEROTOXINS: ANTIBODIES PREPARATION AND MULTIPLEX ASSAY - A method of preparation of highly sensitive and specific polyclonal antibodies against staphylococcal enterotoxins for food, pharmaceutical and cosmetics industries.
<http://conectlabs.conectus.fr/en/node/823>
- TECHFLAX - Olygolin™ new cosmetic active ingredient.
<http://sattnord.fr/wp-content/uploads/2013/12/FICHE-TECHNO-TECHFLAX.pdf>
- COSMETIMAGE - Device for 3D evaluation of skin transparency.
<http://sattnord.fr/wp-content/uploads/2013/12/FICHE-TECHNO-COSMETIMAGE-revue-122013.pdf>

> Skin care

- DEPIGMENTARY EFFECT OF LICHEN COMPOUNDS - Extract from lichen to dermatologic use.
<http://backend.ouest-valorisation.fr/api/record/pdf/189>
- PRO-PIGMENTARY EFFECT OF LICHEN COMPOUNDS - Extract from lichen to cosmetic use.
<http://backend.ouest-valorisation.fr/api/record/pdf/192>
- ANTI-UV COMPOUNDS - Mycosporin derivatives with high photoprotective activity.
<http://backend.ouest-valorisation.fr/api/record/pdf/179>
- PREVENTION OF SKIN AGING - Anti-glycation natural agents.
<http://backend.ouest-valorisation.fr/api/record/pdf/231>

> Food supplement

- PREVENTION FOR CARDIOVASCULAR AND METABOLIC DISEASES - Grape extracts.
<http://backend.ouest-valorisation.fr/api/record/pdf/231>

OTHER

> Fine chemicals

- GREEN CATALYSTS - A new family of precursors of chiral ligands.
http://www.sattse-technologies.com/projects/en/green_catalysts
- PDO - Microbial production of 1,3-propanediol.
[Toulouse Tech Transfer](#)

> E-Health

- CELL ID - Statistical analysis of high content cellular and tissular images.
http://www.sattse-technologies.com/projects/en/cell_id
- ICARE - Immunofluorescence for Computed Antinuclear antibodies Rational Evaluation.
<http://www.sattse-technologies.com/projects/en/icare>
- PROP SCORE - Accurate and reliable assessment of joint proprioceptive status.
http://www.sattse-technologies.com/projects/en/prop_score
- SLEEP APNEA CONTACTLESS DEVICE - Diagnosis/monitoring without invasive nasal cannula.
http://www.sattse-technologies.com/projects/en/sleep_apnea_contactless_device
- MAMMOSCAN - One-shot localization of 3D targets in photoacoustic/thermoacoustic imaging.
<http://www.sattse-technologies.com/projects/en/mammoscan>
- PRESGUID - Clinical-decision & medical prescription support online services.
[SATT Sud Est](#)
- VOXELSHIFT - More reliable chemical shift imaging.
<http://www.sattse-technologies.com/projects/en/voxelshift>
- SIMILAR IMAGING - Estimating the similarity between images of different modalities.
http://www.sattse-technologies.com/projects/en/similar_imaging
- INTELLIGENT BRACELET FOR PATIENT MONITORING - Physiological parameters measurements using skin-contact sensors.
<http://backend.ouest-valorisation.fr/api/record/pdf/42>
- NON INVASIVE SURVEILLANCE FOR PREMATURE INFANTS - Sleep pattern analysis by automatic treatment of the video.
<http://backend.ouest-valorisation.fr/api/record/pdf/237>

> Animal health

- **A NEW TREATMENT OPTION OF THEILERIOSIS IN CATTLE USING PIN1 INHIBITORS** - A PIN1-inhibitor-based therapy provides a new therapeutic option to treat *Theileria*-infected bovine, even in cases of resistance to buparvaquone.

<http://www.idfinnov.com/pages/technologiesEtExpertise.php>

> Drug delivery systems

- **BIO-MICROELECTRONIC INSULIN DEMAND SENSOR** - Sensor integrating all physiological signals.

<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>

- **LIPID-DETERGENT CONJUGATES FOR GENE THERAPY** - New reagent for *in vivo* nucleic acid delivery (siRNA and DNA).

<http://conectlabs.conectus.fr/en/node/821>

- **CYGAL** - New pharmaceutical excipient increasing solubility and bioavailability of drugs.

<http://sattnord.fr/wp-content/uploads/2013/12/FICHE-TECHNO-Cygal.pdf>

> Screening

- **SCREENING KIT FOR MEDICINAL MOLECULES AGAINST MITOCHONDRIAL DISEASES** - Kit allowing the user to screen libraries of chemical molecules using strains of yeast.

<http://ast-innovations.com/wp-content/uploads/Health-portfolio.pdf>

- **SCREENING OF ANTI-INFLAMMATORY MOLECULES WITH REDUCED SIDE EFFECTS** - Drug discovery method for glucocorticoids with dissociated profile.

<http://conectlabs.conectus.fr/fr/node/722>

- **HIGH THROUGHPUT SCREENING ASSAY FOR MODULATORS OF AMYLOID PEPTIDES AGGREGATION** - Allow to study combination of modulators and to monitor aggregation kinetics.

<http://conectlabs.conectus.fr/fr/node/825>

- **NEW HIGH THROUGHPUT SCREENING AND EVOLUTION METHOD** - New high throughput fragment-based screening method using combinatorial assembly of PNA-tagged libraries.

<http://conectlabs.conectus.fr/en/node/830>

> Research tool

- **METHOD FOR THE PRODUCTION OF ACTIVE TELOMERASE: DRUG DISCOVERY TOOL FOR CANCER TREATMENT** - Development of a robust and simple method to produce large quantities of active telomerase.

<http://www.idfinnov.com/pages/technologiesEtExpertise.php>

- **DEVICE FOR NEONATAL MECHANICAL VENTILATION AND MEASUREMENT OF RESPIRATORY OBSTRUCTION FOR NEWBORN MICE** - An automated respiratory device enabling an increased newborn survival and a precise measurement of a relevant obstruction index.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **CELL LINE STABLY EXPRESSING A BRET BIOSENSOR TO STUDY THE PI3K/AKT PATHWAY IN LIVING CELLS** - Providing a cell line stably expressing the biosensor to research laboratories.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **HIGH-THROUGHPUT SCREENING SERVICE FOR SMALL PSYCHO-ACTIVE MOLECULES IN ZEBRAFISH EMBRYOS** - A simple service offering to identify *in vivo* novel psychoactive molecules based on a platform combining an automated motility recording system and zebra fish embryos.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>
- **MRI OSCILLOSCOPE FOR REAL TIME MONITORING OF THE ELECTROMAGNETIC FIELDS** - A new compact sensor for MRI sequences visualization.
<http://backend.ouest-valorisation.fr/api/record/pdf/186>

> Tissue engineering

- **SOFTCELL BIO** - Dynamic perfusion like Bioreactor for cell culture on soft scaffolds.
http://www.sattse-technologies.com/projects/en/softcell_bio
- **CARTILAGE TISSUE ENGINEERING BY AGGREGATION OF MAGNETIZED STEM CELLS** - A magnetically controlled construction method allowing *in vitro* preparation of graft with arbitrary size and shape and with a high integration potential.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>

> Food-processing Industry

- **DETECTION OF STAPHYLOCOCCAL ENTEROTOXINS: ANTIBODIES PREPARATION AND MULTIPLEX ASSAY** - A method of preparation of highly sensitive and specific polyclonal antibodies against staphylococcal enterotoxins for food, pharmaceutical and cosmetics industries.
<http://conectlabs.conectus.fr/en/node/823>

> Other

- **SQUALAMINE & ANALOGUES** - Disinfecting agents for a full microbiological sterilization.
http://www.sattse-technologies.com/projects/en/squalamine_analogues
- **NEW METHOD FOR PROTEIN GLYCATION PREVENTION** - A promising alternative to fight against biotherapeutic manufacturing issues.
<http://www.idfinnov.com/pages/technologiesEtExpertise.php>