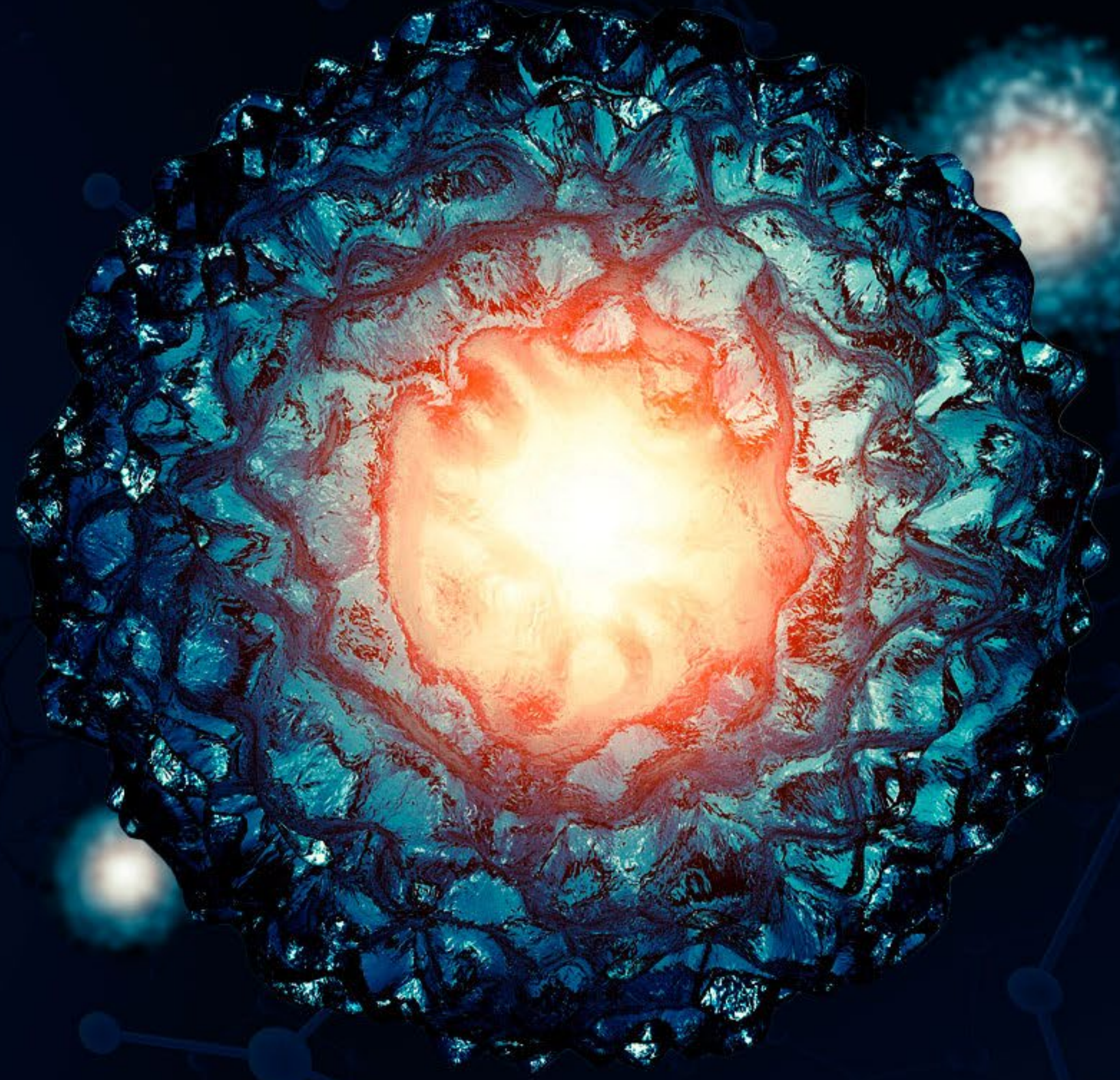




CELL REGENERATION

MEDICAL ORGANIZATION



¿Who are we?

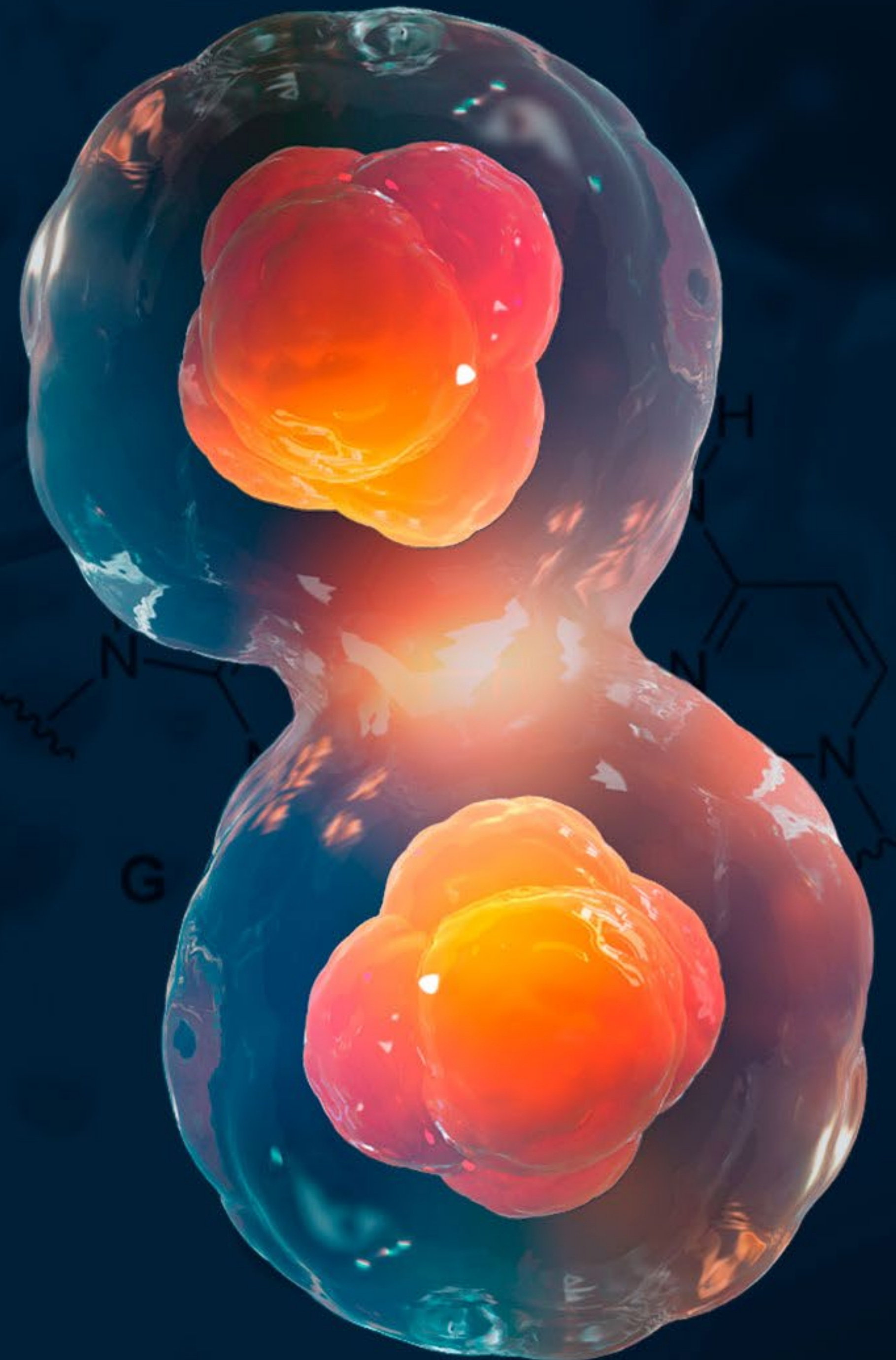
We are an internationally recognized organization for the treatment of orphan, rare, autoimmune, degenerative, posttraumatic and difficult handling diseases, presenting cell regeneration treatment options, based on the combination of different therapies, with differentiated and custom treatments, from specialized tests integrating different medical branches and therapeutic technologies.



Mission

In Cell Regeneration, we offer integral health services in treatment and prevention of orphan, rare, autoimmune, degenerative, posttraumatic and difficult handling diseases.

Supported in scientific research, we integrate different medical branches and new therapeutical technologies in differentiated and custom treatments, oriented to improve the quality of life of our patients. We work with ethics, quality and social responsibility for the benefit of humanity.



Vision

Being recognized as an innovative organization in cell regeneration medicine, a worldwide reference in research, academic formation and treatment of orphan, rare, autoimmune, degenerative, posttraumatic and difficult handling diseases (Year 2021).



Our organization in numbers

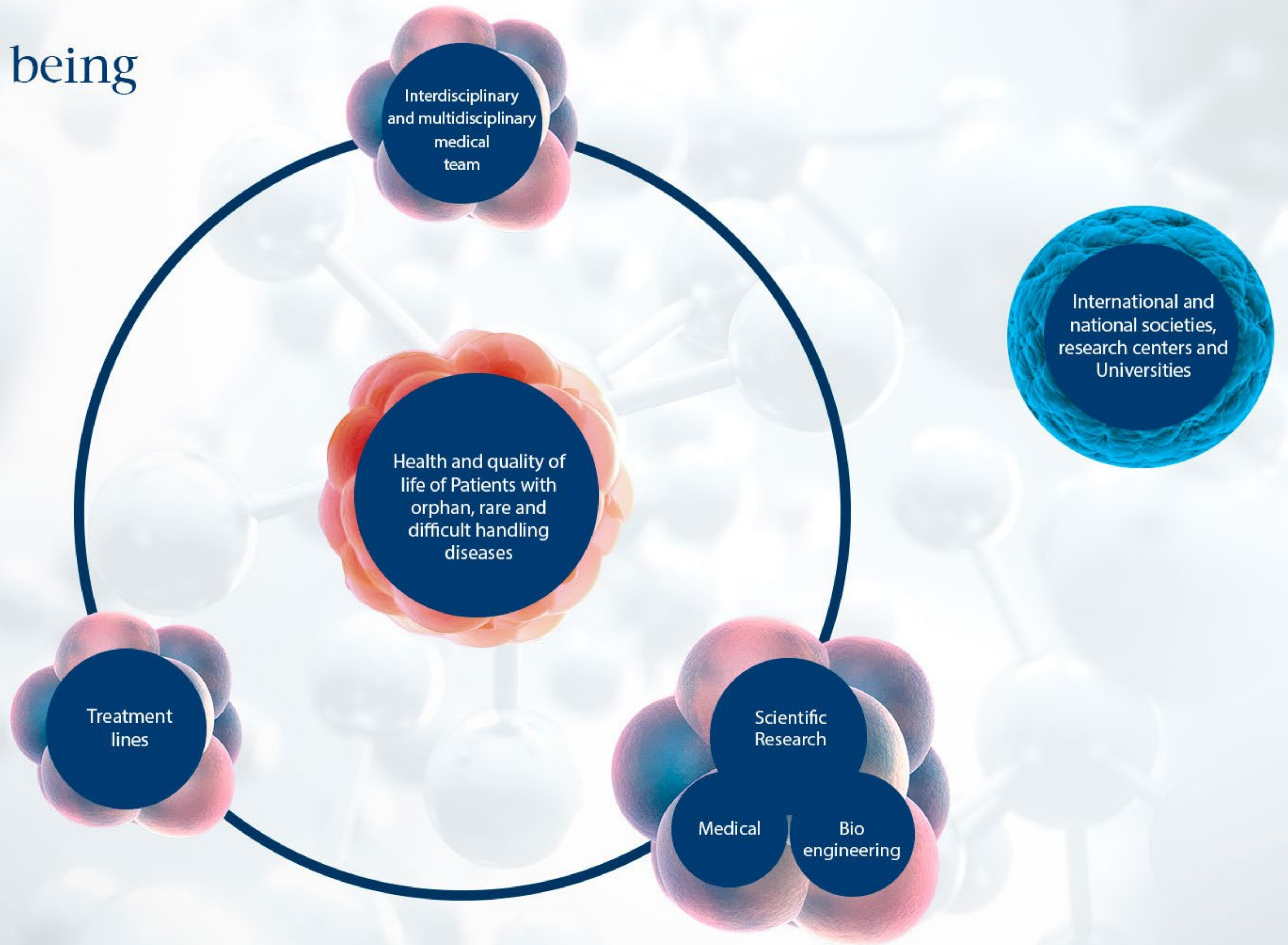
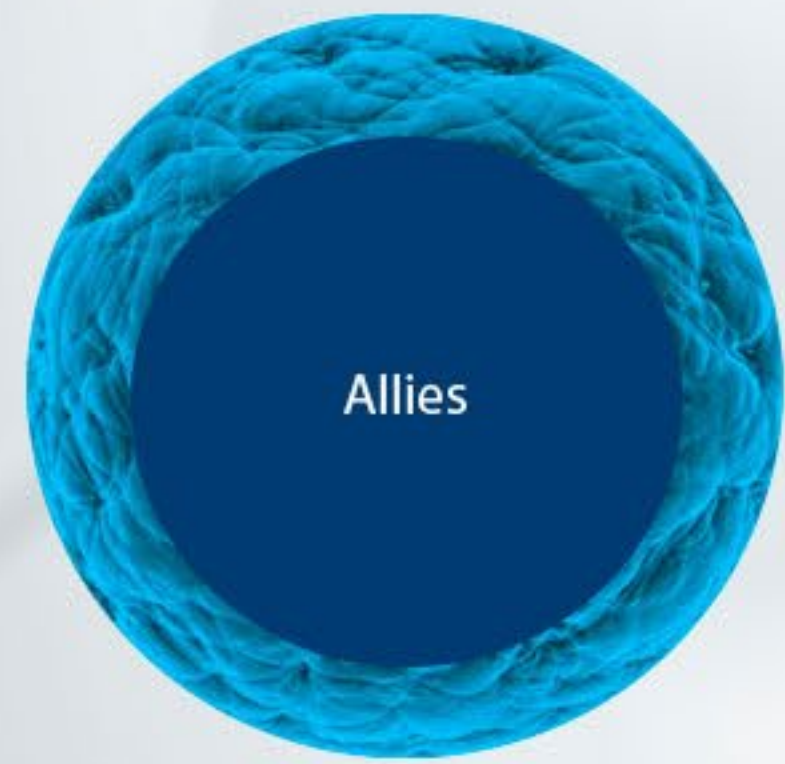


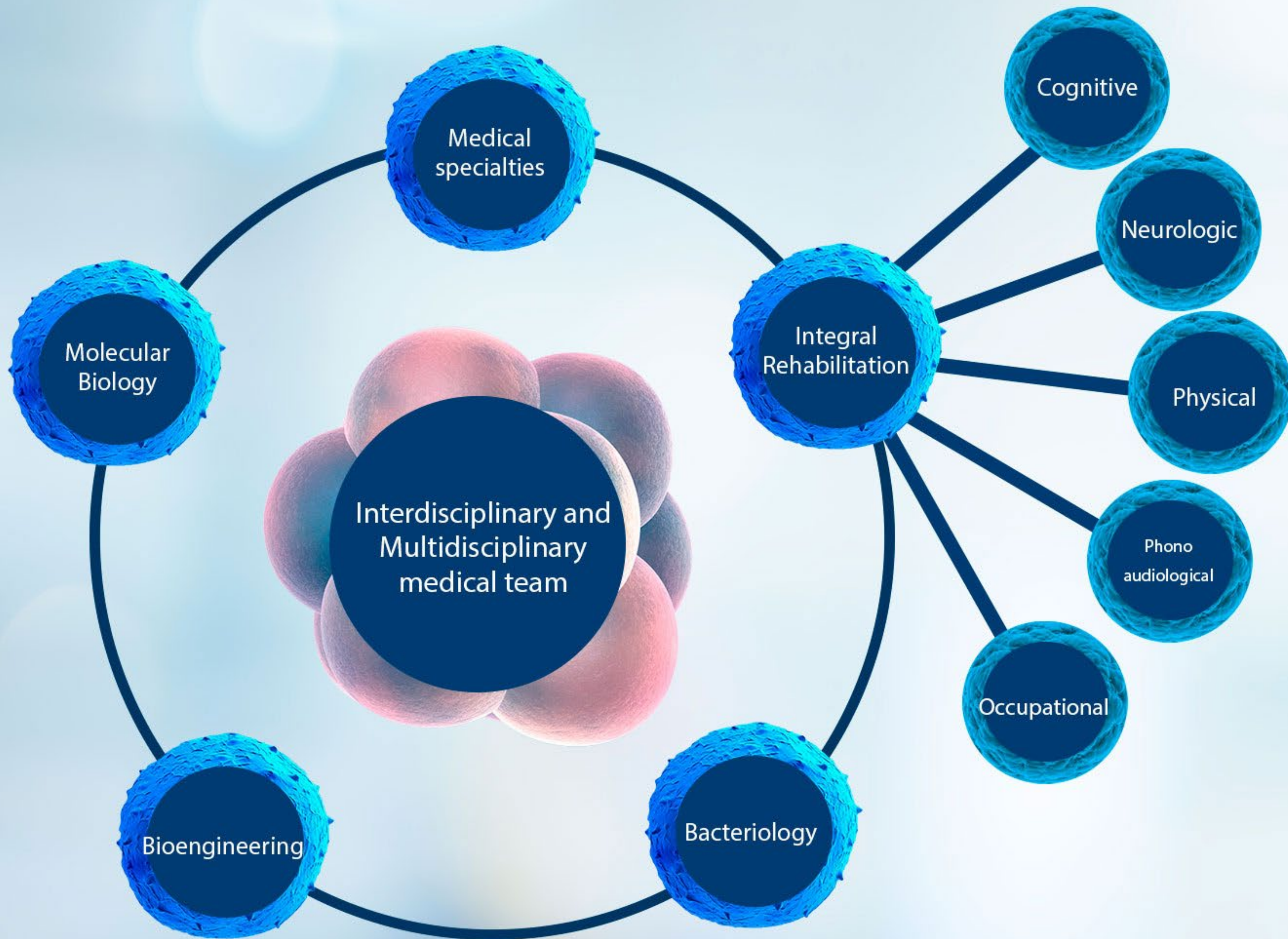
More than 500 patients
successfully treated



15 year experience in orphan, rare,
autoimmune, degenerative, posttraumatic
and difficult handling diseases

Our reason of being









 Nanopharmacological Therapy

 Molecularly Activated Drug Therapy

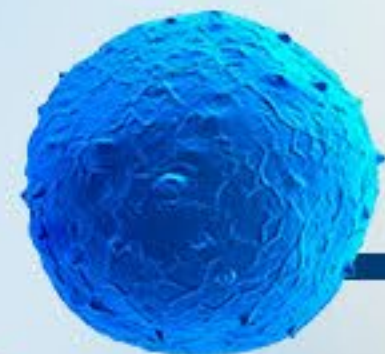
 Microbiologic Therapy

 Nutritional Therapy

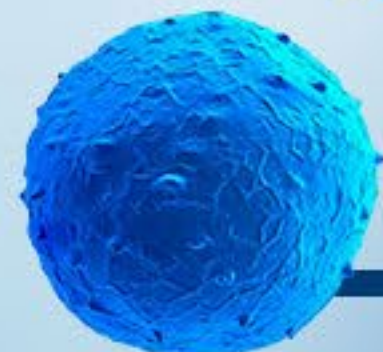
- Specific Nutraceuticals.
- Orthomolecular Therapy.
- Essential and not essential aminoacids.

 Regenerative and Stimulation Therapies

- Shockwaves (Focused, radial, unfocused and diamagnetic).
- Unfocused high intensity laser.
- Diamagnetotherapy (Molecule Implantation, Specific stimulation and Modulation),
- Vascular stimulation with external counter pulsation,
- Transcranial stimulation.

 Cell Therapies

- Autologous and Heterologous Growth Factors.
- Exosomes.
- Mesenchymal autologous cells (bone marrow, autologous tissue, umbilical cord, fat).
- Mesenchymal heterologous cells (Warthon's jelly, Specific somatic tissue of recombinant DNA).
- Hematopoietic cells.
- Bone marrow mononuclear cells concentrations.

 Diagnosis

- Imupro (Allergies and Chronic inflammation, stress in blood and saliva).
- Telomeres and Telomerase Tests.
- Genetic studies for diagnosis and predictive assessment with DNA sequencing and adjuvant for treatments.
- Specific specialized and imageologic tests with fMRI with the University of California.



Study of telomeric length before and after cellular implant

Specific count of mesenchymal cells for in vivo culture and stimulation in bone marrow

Study of optimal doses for microbiologic therapies with symbiotic and probiotic bacteria

Study in cellular genetic memory

Adaptation with specific somatic cells of tissue of recombinant DNA for modulation of autologous mesenchymal cells with nanopharmacology

Research with nanopharmacology and implantation process in musculoskeletal tissue with Italian and Swiss teams

Ex Vivo, Clinic and molecular biology scientific research

Development of specific exosomes for neuronal tissue

Bioengineering Research

Evaluation of treatments
with shock waves,
diamagnetotherapy, and
transcranial and vascular
stimulation

Chronical Functional
Magnetic Resonance
Imaging in resting state
for the evaluation of
diseases and treatments

Design of an echogenic
needle for lumbar
injection with pressure
measurement

3D bioimpression of bone
marrow tissue with
mesenchymal cells,
nanopharmacology and
exosomes

Nanopharmaceutical
implantation with
diamagnetic waves

Allies

Universities, Biomedical technology companies, research and scientific development centers, laboratories and medical centers

Colombia, Germany, Italy, Switzerland, Spain, United Kingdom, Canada, Japan, China, USA and France



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