



- Japan Technology Group is currently seeking untapped innovations especially in the following areas from Western universities, research institutions, as well as venture and spinout companies who wish to license their technologies into Japanese corporations:

I. LIFE SCIENCES

A. Pharmaceuticals / Biological Sciences

- a) Cancer Research (Novel approaches, substances, or mechanisms for Cancer Therapy)
- b) Neuroscience (Neurological Disease, Alzheimer's Disease, Parkinson's Disease, and Ophthalmologic Disease)
- c) Vascular (Diabetes, Obesity, and Thromboembolism)
- d) Biopharmaceutical (Monoclonal Antibody Therapy, Pain Management, Anti-Psychotics, Clinical Diagnostics)
- e) Medical Devices and Diagnostics (Wound Healing/Closure and Stents)

** The above is a partial list of pharmaceutical and bioscience needs from Japanese companies; JTG's search for pharmaceutical/bioscience innovations is not limited to the above.*

B. Nutraceutical and/or Functional Foods

- a) Materials/Ingredients produced by fermentation (i.e. Acetobacter, Bacillus Subtilis, Lactobacillus, and Yeast)

TARGET EFFECTS:

- improve the immune system (relief of allergic diseases, particularly related to nose, skin, etc.)
- recovery from fatigue/asthenopia
- improve skin conditions such as dryness/roughness, wrinkles, and/or spots

- b) Novel antioxidant materials/ingredients

C. Chemistry

- a) Functional Plastics (Research & Development: Novel applications and Cost Reductions related to Biodegradable Plastics, Conductive Plastics, Antibiotic Plastics, and/or Optical Transparency Plastics)
- b) Agricultural Chemicals (Naturally-occurring novel Biotic Pesticides and Biologically Active Substances)

II. PHYSICAL SCIENCES

A. Nanotechnology

Devices based on Nanotubes, Nanocrystals, or other Nanomaterials/Nanofilms that address applications in Telecom, Data storage, Displays, and/or Lighting

B. Organic EL Elements

Elements for the improvement of manufacturability, such as in Efficiency of Brightness, Luminescence, Colorization, Longevity (stability, heat-resistance stability, and durability)

C. 3-Dimensional Displays

Research & Development in Expansions of observable space and Cost Reductions

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