



Japan Innovation Bloom

GRANT CALL 2022 (English version)



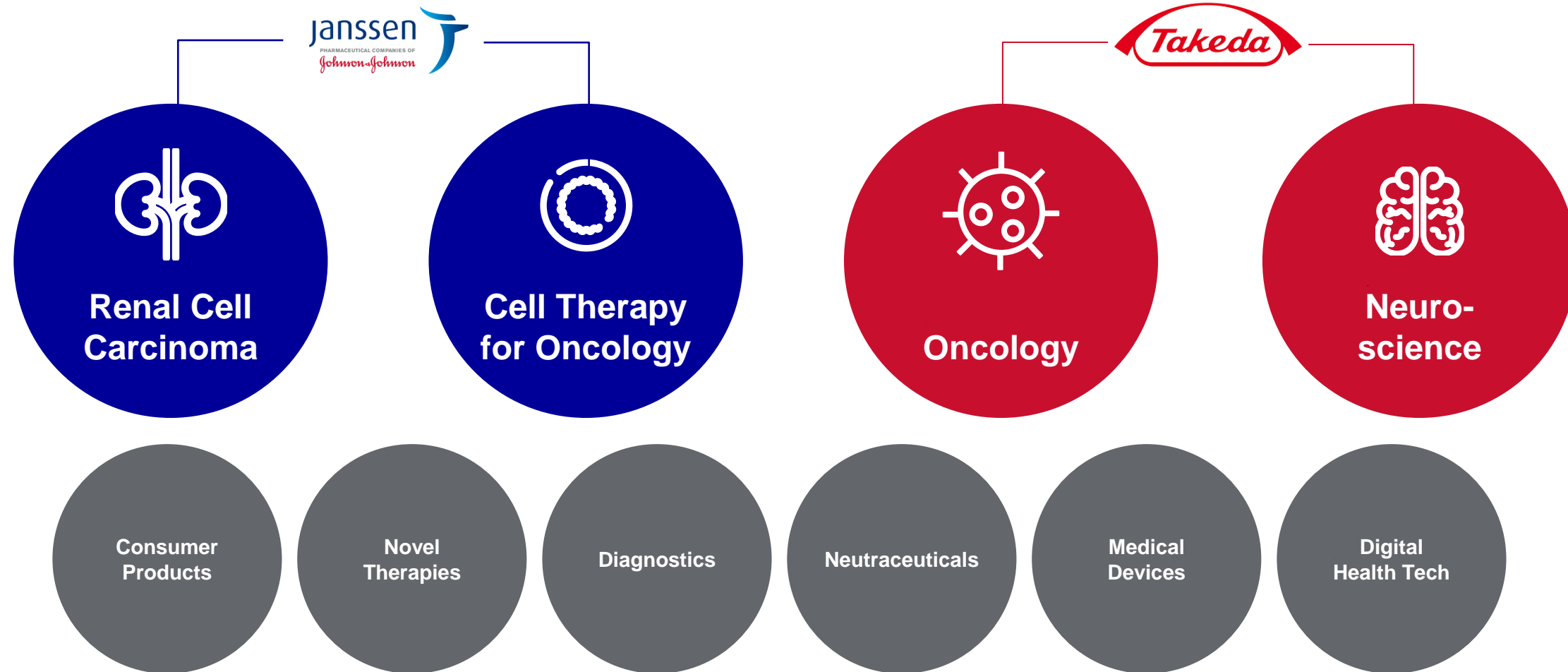
Overview

The **Johnson & Johnson Family of Companies***, **Takeda Pharmaceutical Company** and **Shonan Health Innovation Park** are launching a joint **grant call** for specific areas of interests in an effort to **accelerate and nurture Japan-based life science innovation** for Japan and the world

**Johnson & Johnson Innovation and Janssen Pharmaceuticals*

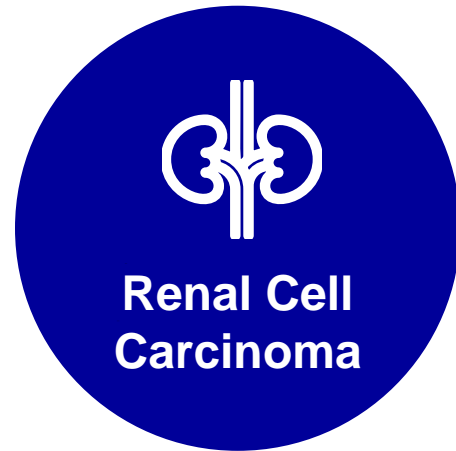


Area of Focus



Up to 5 projects will be selected (Johnson & Johnson x3; Takeda x2)

Janssen's Areas of Focus



- Algorithms for CT-based risk classification of Renal Cell Carcinoma lesions
 - Urine or blood-based biomarkers for Renal Cell Carcinoma malignancy or risk recurrence post surgery
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- Access Tumor Micro-Environment Modulators to enhance T-cell function
- Next Generation T-cell re-direction
- Novel Cell Therapy- allogenic CAR-T platform

Takeda's Areas of Focus



Neuro-
science

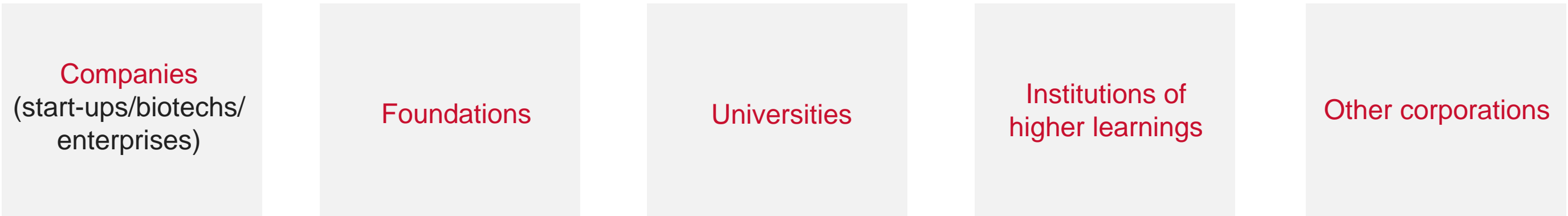
- **Homeostatic Therapeutic Approach:** Novel therapeutic approach against neurological disorders based on human pathophysiological or physiological evidence, examples include, but not limited to – 1) Brain Cleansing, 2) Genome Instability; 3) Phase Separation, 4) Senolysis
- **Novel Therapeutics against hereditary Disorders:** Novel therapeutic approach based on genetic evidence of hereditary neurological and neuromuscular disorders
- **Groundbreaking Therapeutic Platform:** Platform technology which overcomes therapeutic hurdles in neurological and neuromuscular disease areas – 1) Biologics (antibody, protein), 2) small molecule of DNA/RNA modifier, 3) Polypharmacology, 4) Technopharmaceutical* [*ex. combination of device and medicine]



Oncology

- **Target/Biology:** 1) Novel targets evolving from tumor intrinsic genomic instability and mutations , 2) Novel targets for “Cold” to “Hot” and Cell Engager concepts focusing on B cells and tertiary lymphoid structure, 3) Unique approaches targeting tumor stroma to promote anti-tumor immunity
- **Therapeutic Modality:** 1) Platform technologies enabling selective delivery into - (a) tumor microenvironment or tumor-infiltrating immune cells; (b) lymphatic system targeting secondary lymphoid structures, 2) New therapeutic modality around cancer gene therapy and immune cell engager, 3) Novel cancer vaccine approaches
- **Translation/MoA:** 1) Understanding how aging impacts systemic immune landscape/host immunity and potential response to immuno-oncology therapeutic agents, 2) Novel solutions to address high unmet medical needs in oncology, 3) Translationally-relevant humanized animal models and/or multi-cellular tumor organoid systems

Applicant Eligibility



Must be established and exists in Japan

Up to 4 Awardees will be Selected



Grant Funding

JPY 10,000,000* / year for 3 years



Incubation & Space

at Shonan iPark

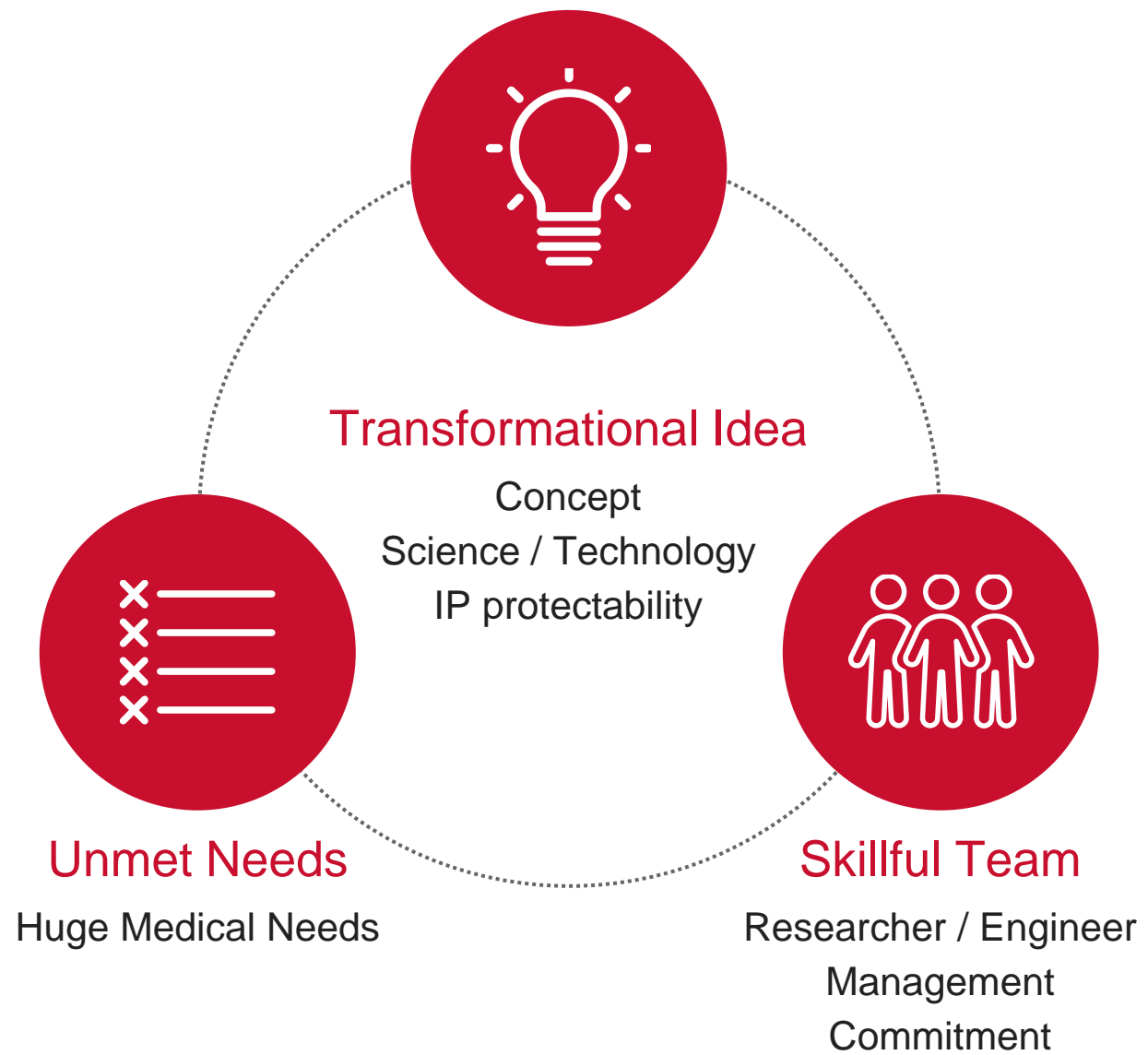


Mentorship & Coaching

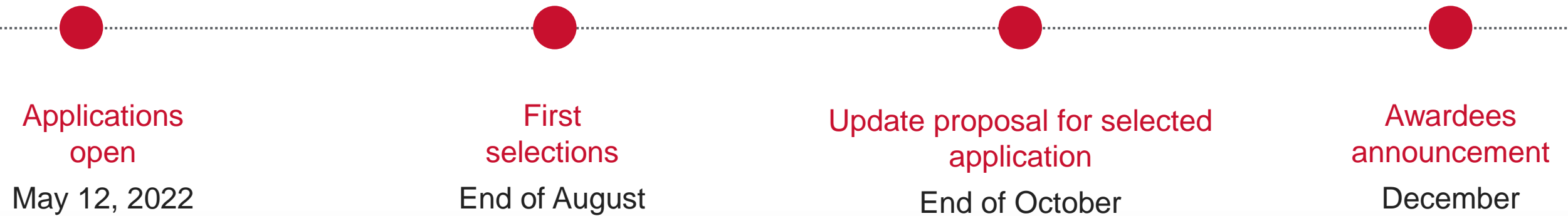
from experts at sponsor companies

*As a model case. The amount of grant funding may differ case by case.

Selection Criteria



Timeline



To submit your application, please visit
https://www.shonan-health-innovation-park.com/en/service-initiative/incubation-program_en/sponsored-by-companies/
For any enquiries please email incubation-program@shonan-ipark.com

Timeline may be subjected to change

Appendix

Application Form-1

Name of applicant (last, first name)
Job title
Organization's name
Contact information (address, email address, work phone)
Name of Principal Researcher
Position of Principal Researcher
Brief Biography of Principal Researcher

Application Form-2

<p>Areas of interest (Select only ONE area out of four areas listed here)</p>	<ul style="list-style-type: none">• Renal Cell Carcinoma (Janssen)• Cell Therapy for Oncology• Oncology (Takeda)• Neuroscience (Takeda)
<p>What issue can your technology address? (select one area and describe briefly how/what)</p>	<p>Example: Renal Cell Carcinoma - Proprietary novel AI-based algorithm for kidney MRI or CT images to differentiate renal malignancy from benign lesions at pre-operative stage.</p>
<p>Abstract (non-confidential) within 400 words</p>	<p>No template. Please upload as a PDF file.</p>
<p>Keywords</p>	

Application Form-3

Background / State of development of your technology

(non-confidential)
within 1000 words

No template. Please upload as a PDF file.

Include the information below:

- Background of your research and achievement;
- If any, related articles published;
- If any, related patent publication (published or pending). Note that any confidential information that could affect the patentability of the invention should not be submitted;
- Differentiation characteristics of your technology from existing technologies vis-à-vis competitors;
- Indicate whether you have any existing research collaboration(s) with partners or have obtained any grant funding for development of your technology

Application Form-4

Proposed Budget Plan (including overhead/indirect costs)	JPY _____ per year x 3 years = Total JPY _____
Milestones and proposed output at completion	<ul style="list-style-type: none">• Milestone 1:XXXX by approximate date• Milestone 2: XXXX by approximate date• Proposed output: XXXX by approximate date
Proposed allocation requirement at Shonan iPark	<p>If you have an intention to conduct research activity in iPark, please answer the following questions.</p> <ul style="list-style-type: none">• What type and size of research facilities do you need to conduct your research, (i.e, Animal/Biology/ Chemistry/Other)?• According to your estimation, how many members of your team will need to use of iPark on a daily basis?• Is there any specific research equipment and facilities you need to utilize?