

## We recruit a person;

- who has medical seeds to be developed
- who has business experience and planning startup medical seeds
- who belongs to academia or has experience of clinical development, and is interested in entrepreneurship



# Research Studio 2019

powered by **SPARK**

Four More Universities joined this program !

Practical entrepreneurship education program  
in the medical field

## Overview

Mentoring through Groupworks  
by a number of professionals

Professional mentors with **a lot of experience from early stage technology to global business development** supports our program.

Alliance with SPARK  
at Stanford and UCSD

Alliance with international programs forms **precious network for global marketing.**

Development of TPP  
and business model

Participants learn key concepts of TPP/business model, and **establishes their own exit strategy through Boot-camp, and Groupworks with mentoring.**

## Time, Place, and Fee

**Jun. 11~Dec. 14, 2019**

Main venue : University of Tsukuba (Tsukuba, Ibaraki)  
Satellite venue : Keio University (Shinjuku, Tokyo)  
(Live stream or video conference is planned.)

**Free of charge** (Participants need to prepare traffic fee and lunch.)



Boot Camp (intensive lecture)



Groupwork and Mentoring

## Mentors and Lecturers (in random order)



**Yoshihiro Arakawa**  
Professor and Director, Tsukuba Clinical Research and Development Organization (T-CReDO), University of Tsukuba



**Fumiaki Ikeno**  
Stanford Biodesign Program Director (U.S.)  
Japan, MedVenture Partners CMO,  
Visiting Professor of University of Tsukuba



**Daria Mochly-Rosen**  
Director of the SPARK Program at  
Stanford University School of Medicine,  
Professor of Chemical & Systems  
Biology



**Dennis Abremski**  
Executive Director, Institute  
for the Global Entrepreneur (IGE),  
Jacobs School of Engineering,  
UC San Diego

**Yutaka Morita**  
Patent Attorney, Ohno & Partners

**Masanobu Yamada**  
Director, R&D Management, T-CReDO



**Tomoyoshi Koyanagi**  
Professor and Director of TR Promotion  
and Education Center,  
T-CReDO, University of Tsukuba



**Tadashi Matsumoto**  
CEO ReqMed Co.  
Visiting Professor, University of Tsukuba



**Kevin Grimes**  
Co-director of the SPARK Program at Stanford  
University School of Medicine, Professor of  
Chemical and  
Systems Biology, MD, MBA

**Jean-Jacques Yarmoff**  
International Strategy, biolabs,  
Cambridge, USA

**Kinji Fuchikami**  
Venture Partner, Mitsui Global Investment

**Tomoko Inoue**  
CEO, Omron Ventures Co., Ltd.

**Nobuyuki Yamamoto**  
Deputy Director, R&D Management, T-CReDO

etc.

## Information session

- ① **Apr. 10 (Wed.)** University of Tsukuba
- ② **Apr. 17 (Wed.)** University of Tsukuba
- ③ **May 8 (Wed.)** Keio University
- ④ **May 15 (Wed.) (TBD)** Kyushu University
- ⑤ **May 20 (Mon.)** Kyoto University
- ⑥ **May 22 (Wed.)** Osaka University
- ⑦ **May 29 (Wed.)** Okayama University

## Application

See the website of "Research Studio" in T-CReDO.  
<http://www.s.hosp.tsukuba.ac.jp/t-credo/tr/research.html>

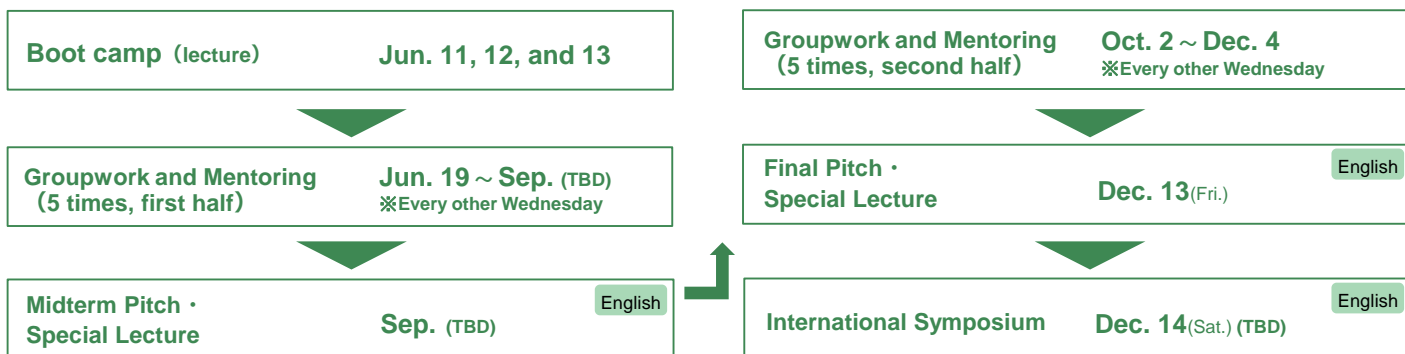
## Dead line of application

**May 11 (Sat.)**

Selection result will be presented by the end of May. (TBD)

## Schedule

After taking lectures such as "Development Strategy", "Intellectual Property Strategy", "Business Model" etc. at Boot camp (intensive lectures), participants establish targeted product profiles and business models during bi-weekly mentoring group work. At the middle and end of the program, English pitches are held. In this practical course, specialists in each field are in charge of each content and assigned as mentors. In the pitch meeting, mentors from overseas, including Stanford University are invited to receive an advice with a view to expanding overseas.



## Program

※The contents and schedule may be changed unexpectedly. Lectures, mentoring and groupwork are mainly conducted in Japanese.

## Boot camp (Intensive lecture) Jun. 11, 12, and 13 Tsukuba only

	Jun. 11(Tue.)	Jun. 12(Wed.)	Jun. 13(Thu.)
A M	Opening/ Session 1	Medical startups in Silicon Valley	Setting up Startup
	Plenary Lecture	Regenerative Medicine Development : <Regulation, global expansion>	Startup Keynote II : Regenerative Medicine
P M	World Café : Seeds presentation	Medical Device Development	World Café : Seeds presentation
	Target Product Profile	Business Model	Health Insurance Reimbursement
	Startup Keynote I : Drug Discovery	Group Work : Make a business model canvas in their own	Patent strategy

## Groupwork and Mentoring Mainly in Tsukuba

[First half] Jun. 19 ~ Sep. (TBD) [Second half] Oct. 2 ~ Dec. 4  
 ※Every other Wednesday. Video meeting is possible.

Target Product Profile (first half)					Business Model (second half)				
① Jun. 9 Current Therapeutics and Competitive Landscape	② Jul. 3 Non-Clinical POC	③ Jul. 17 Intellectual Property	④ Jul. 31 Reimbursement	⑤ Sep. (TBD) Development Roadmap	⑥ Oct. 2 Deal Structure	⑦ Oct. 16 Business Models Revenue stream	⑧ Nov. 6 Global Development strategy	⑨ Nov. 20 Financial Projection	⑩ Dec. 4 Pitch Practice

<b>Midterm Pitch · Special Lecture</b> Sep. (TBD) <span style="float: right;">Tsukuba only</span> <span style="float: right;">English</span>	<b>Final Pitch · Special Lecture</b> Dec. 13 (Fri.) <span style="float: right;">Tsukuba only</span> <span style="float: right;">English</span>
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**Lecturer/ Pitch reviewer :** Stanford SPARK (TBD)

## International symposium Dec. 14(Sat.) (TBD) Keio only

Excellent teams will participate in a training program in the US, in Feb. 2020.

## Contact

Tsukuba Clinical Research & Development Organization (T-CReDO)  
 TR Promotion and Education Center, Research Studio Secretariat  
 TEL 029-853-3630 E-mail TR\_info@md.tsukuba.ac.jp  
 WEB <http://www.s.hosp.tsukuba.ac.jp/t-credo/tr/research.html>

## Eligibility

## 5 teams, 25 people

- ① Academic researchers and/or their collaborators from companies who have medical seeds\* to be developed. (Especially, those who are considering startup would fit our program.)
- ② Managers who have business experience and considering startup with researchers' medical seeds above. (They need nomination from venture capital,\*\* which has practical experience of supporting university-originated ventures in area of healthcare.)
- ③ Members for product development who work in medical field or have experience of clinical development.

\*Academic research derived innovative medical seeds, in the area of drug discovery, medical device, regenerative product, etc. will be applied with AMED translational research promotion program.

\*\*e.g. business promoters of JST START program