

Welcome to Keio University School of Medicine

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April 14, 2018

National Academy of Medicine (NAM) Induction Ceremony for New Members





Keio University is Japan's First Modern Institution of Higher Education Keio University

Years in which Major Japanese Universities were Founded

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1858	1875	1882	1885				1920)	
Keio	Doshisha	Waseda	Chuo				Meiji		
							Hose	i	
Edo - 1867	Meiji 1867-1911						Taisho 1912-1926	Showa 1926-198	8
	1877			1897	1907	1911	1918	1931	1939
Tokyo National universities			Kyoto	Tohoku	Kyushu	Hokkaido	Osaka	Nagoya	

Yukichi Fukuzawa: the Founder of Keio University who is a visionary and intellectual leader.



Private universities

Kanrin-Maru (Ship to the US) members in 1860. Fukuzawa at the far right.



Founder Yukichi Fukuzawa and the 10,000 yen Banknote

(Source: The Eastern Culture Association)

Facts and Figures



Est 1858



Japan's First Modern Institution of Higher Learning

Undergraduate Faculties

Graduate Schools Full-time University Faculty members

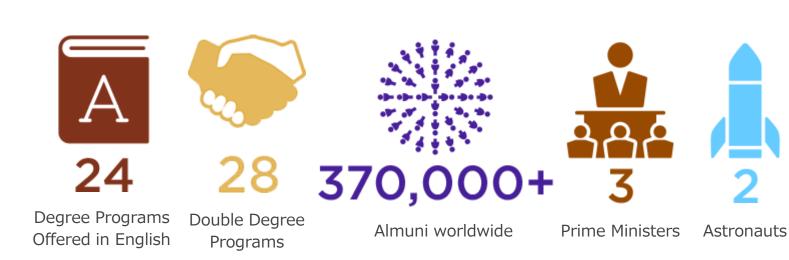
2,250+

Student-to-faculty Ratio

15 to 1



Countries & Regions Represented in Our Student Body



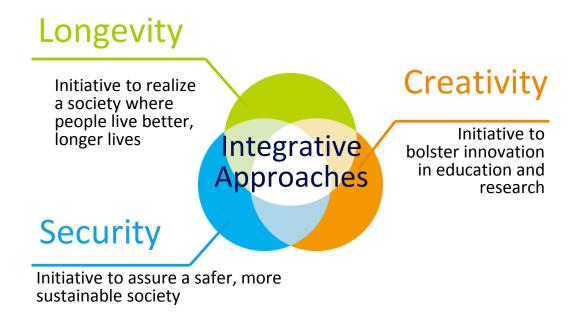
Top Global University Project



Keio was selected as one of the 13 Top research universities for the **Top Global University Project** by the government in 2014 and will be receiving financial support for a **maximum of 10 years**.

Keio has formed the research and educational initiatives of **Longevity, Security, and Creativity** as its own Global Initiatives.

Keio established **Keio Global Research Institute (KGRI)** to showcase and facilitate interdisciplinary research under the three initiatives in 2016.



Our Founding Philosophy





PHYSICIAN SCIENTIST

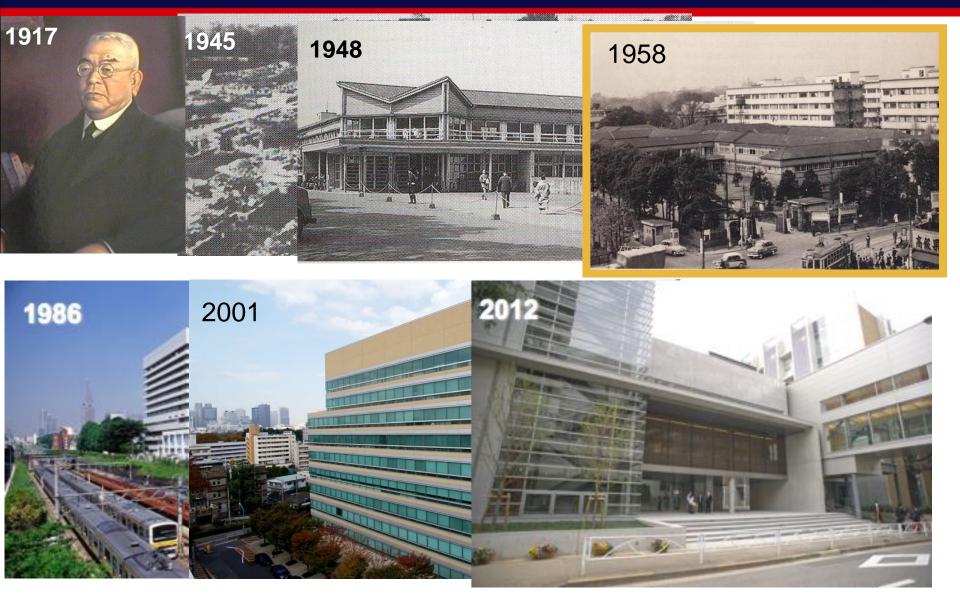
Physicians equipped with the research capabilities necessary to practice patient-oriented care.



Shibasaburo Kitasato

Yukichi Fukuzawa

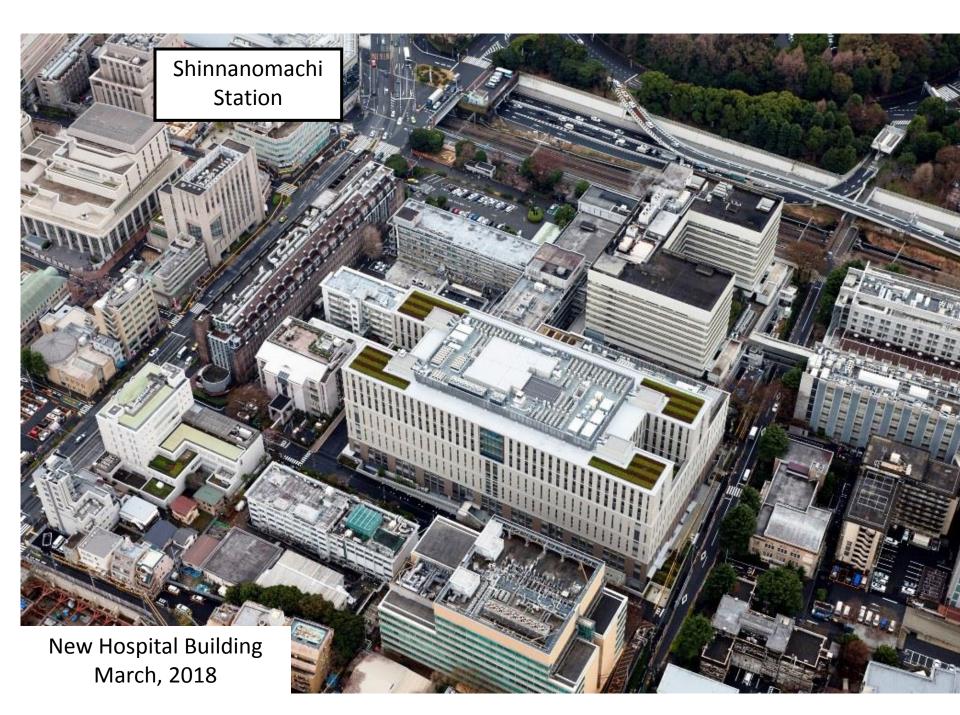
The goal of our medical education is to "prevent sectionalism in medicine, and strengthen the connection between basic medical science and clinical medicine" in order to train doctors who possess the spirit of both basic and clinical medicine based on science. 1917: The founding spirit of Keio University School of Medicine and Hospital "to realize the unification of basic medical science and clinical medicine"

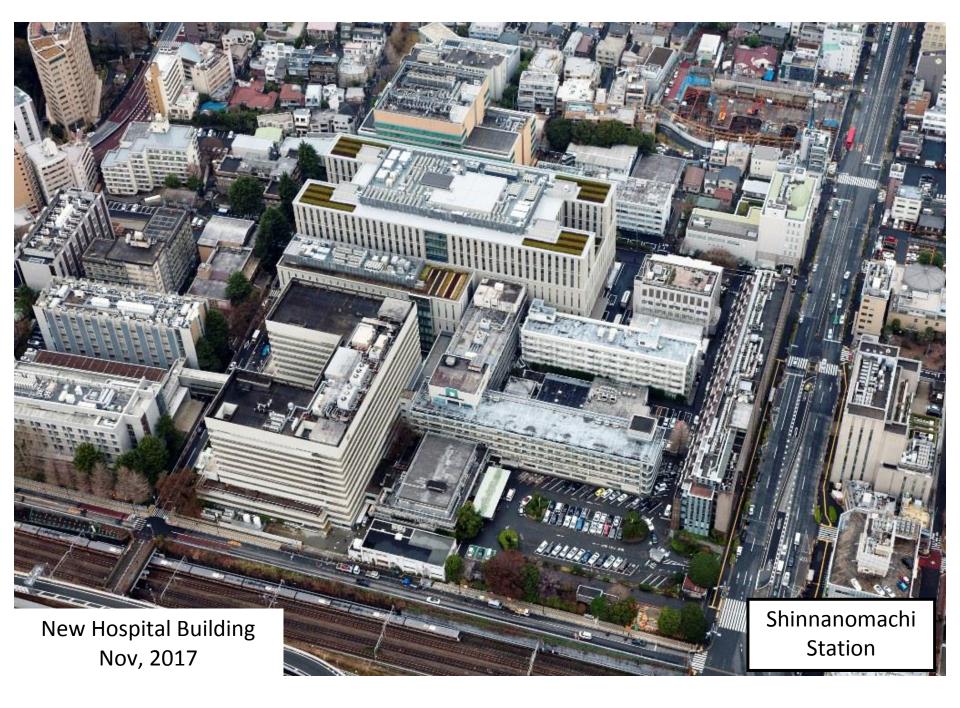


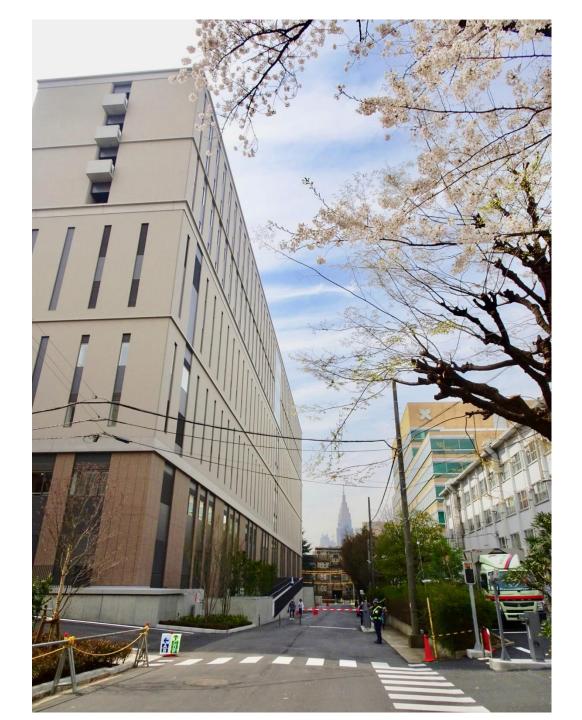
New Hospital Building as Centennial Project (May 7, 2018 open)

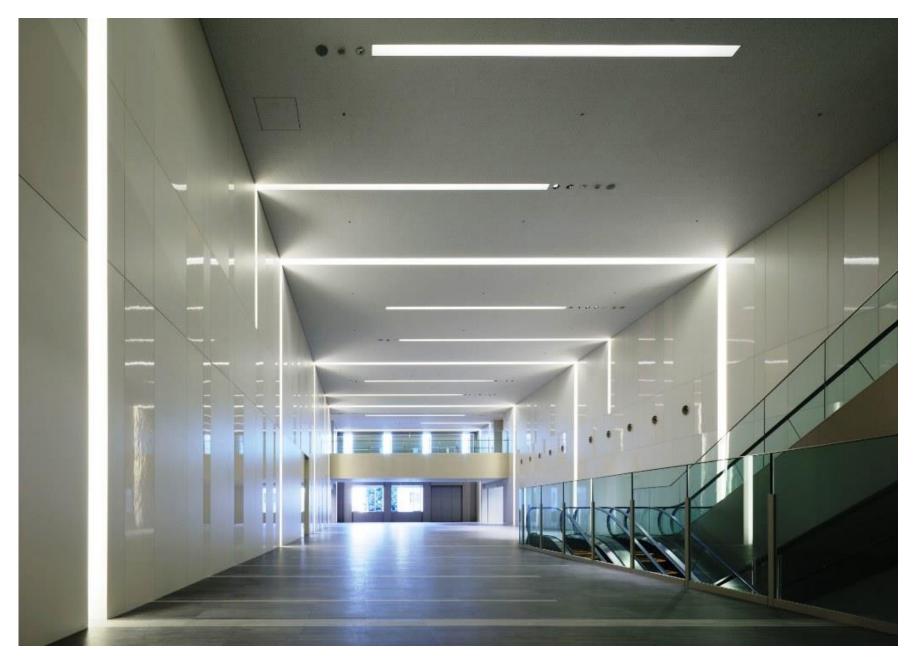
74,609 m2

New National Stadium The ground 11 floor / basement second floor Earthquake Proof (Quake-absorbing structure) 800 beds for inpatients 80% of outpatient clinic 27 operation rooms

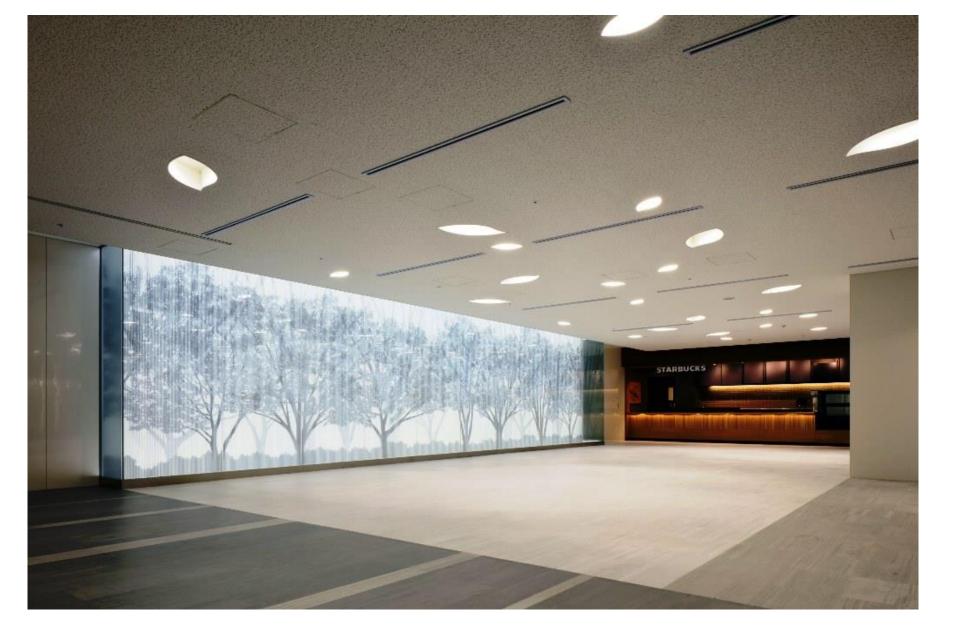








Medical Street



Cafe Lounge Forest



Outpatient Reception

From bench to bed, and from bed to bench



PET-CT-PET Development



International Collaboration

Metabolism

×

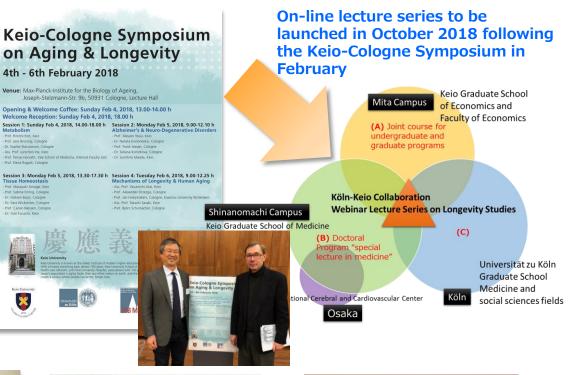




Global University Leaders Forum 2018 at World Economic Forum



Experience Japan Exhibition at the Royal Society London in November 2017





Japan-Korea Millennium Forum in October 2017



Collaboration with Yokohama and Kawasaki Cities to host the Team GB **Preparation Camp for Tokyo 2020 Olympic Games**

The Keio Medical Science Prize





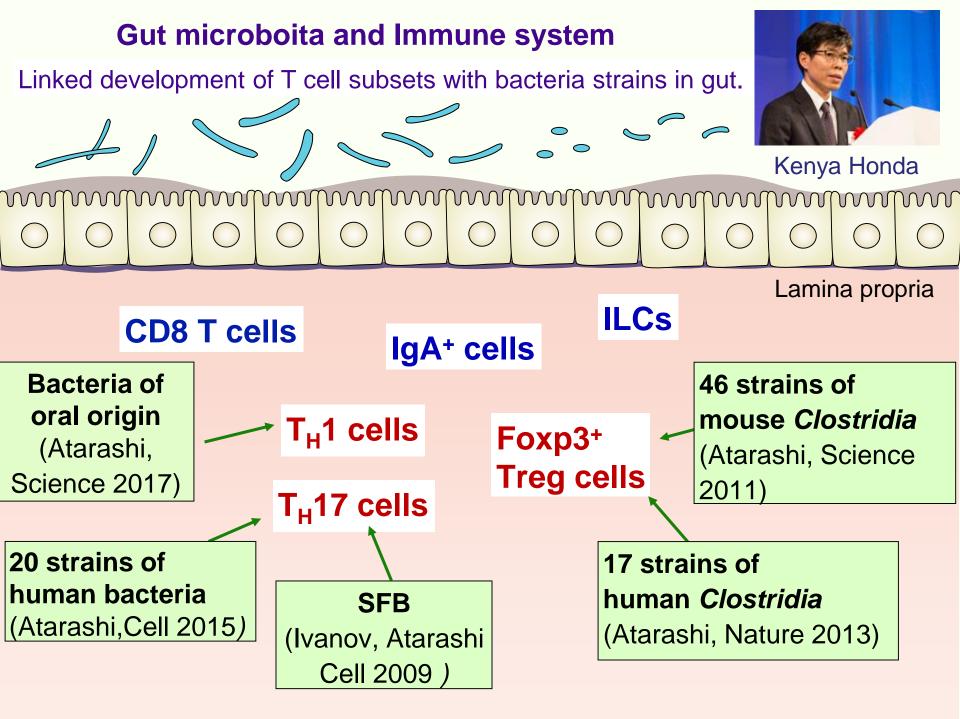
2017 Prize Laureates



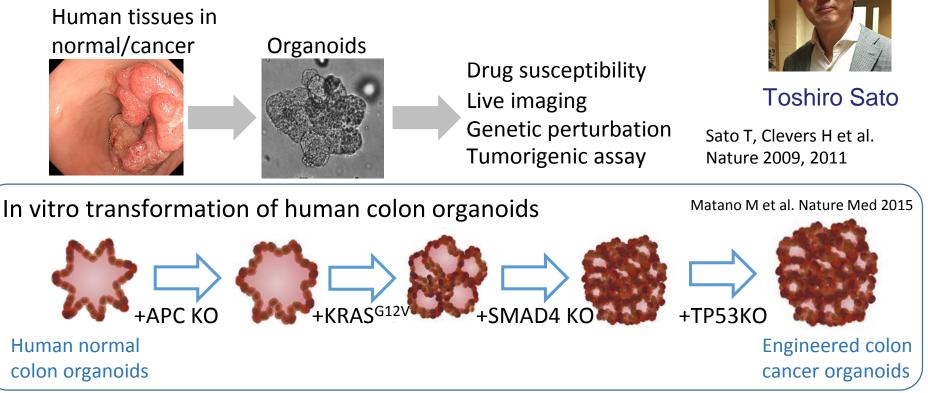
Prof. John E. Dick

Prof. Seiji Ogawa

Prize Laureates (Nobel Prize Winner in red) 1996- Stanley B. Prusiner and Shigetada Nakanishi 1997- Robert A. Weinberg and Tadatsugu Taniguchi 1998- Moses Judah Folkman and Katsuhiko Mikoshiba 1999- Elizabeth Helen Blackburn and Shinya Yoshikawa 2000- Arnold J. Levine and Yusuke Nakamura 2001- Tony Hunter and Masatoshi Takeichi 2002- Barry Marshall and Koichi Tanaka 2003- Ronald M. Evans and Yasushi Miyashita 2004-Roger Y. Tsien 2005- Yoshinori Fujiyoshi 2006- Thomas A. Steitz 2007- Brian J. Druker and Hiroaki Mitsuya 2008- Fred H. Gage and Shimon Sakaguchi 2009- Jeffrey M. Friedman and Kenji Kangawa 2010- Jules A. Hoffmann and Shizuo Akira 2011- Philip A. Beachy and Keiji Tanaka 2012- Steven A. Rosenberg and Hiroyuki Mano 2013- Victor R. Ambros and Shigekazu Nagata 2014- Karl Deisseroth and Hiroshi Hamada 2015- Jeffrey I. Gordon and Yoshinori Ohsumi 2016- Svante Pääbo and Tasuku Honjo 2017- John E. Dick and Seiji Ogawa

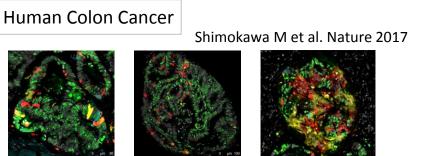


Development of organoid technology to assess biological functions of human tissues



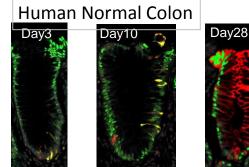
Visualization of human normal/cancer stem cells in tissue environments

Dav28



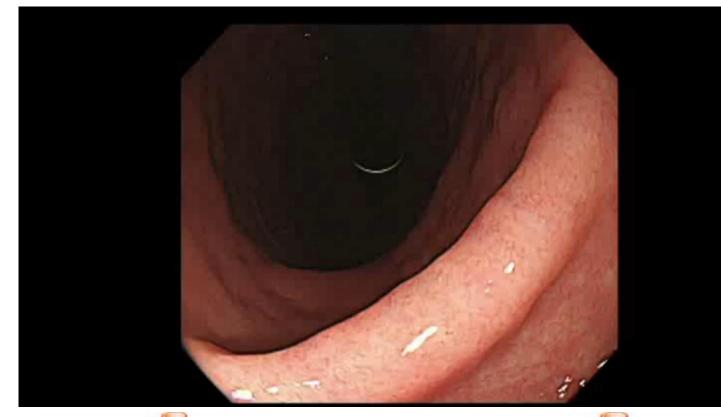
Day6

Dav3



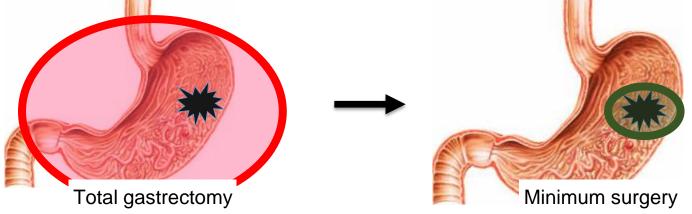
Sugimoto S et al. Cell Stem Cell 2018

Minimally invasive surgery with endoscopic and laparoscopic approaches for gastric cancer





Yuko Kitagawa (Surgery)



Antigen-specific therapeutic strategies using peripheral tolerance for autoimmune diseases



Pemphigus : IgG-mediated autoimmune disease to skin

