JST Basic Research Programs (for Creating Innovation)

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About JST (Japan Science and Technology Agency)

Independent Administrative Agency for implementing Japan's science and technology policy

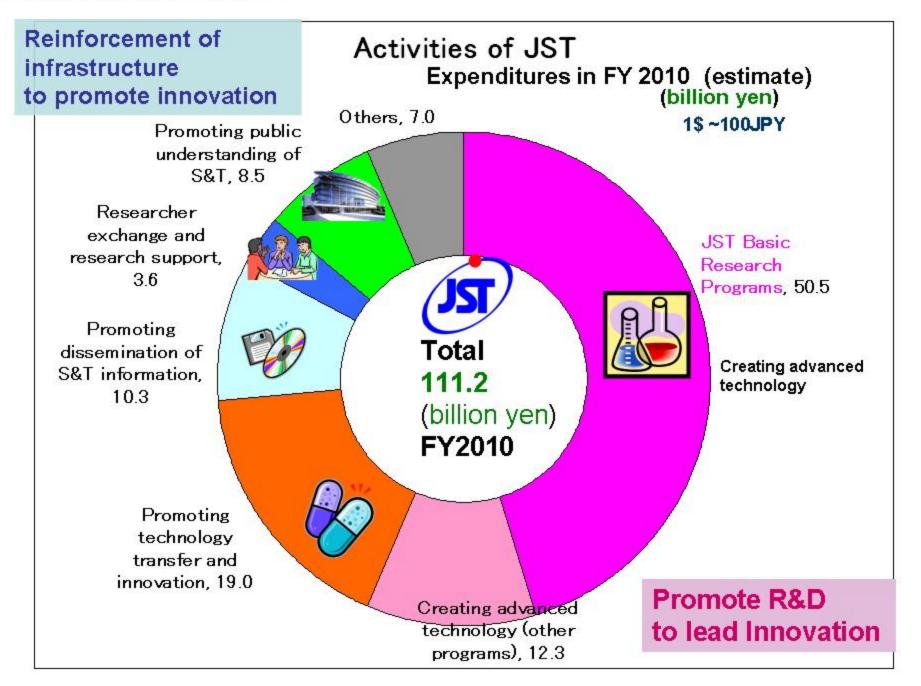
Mission:

Promotion of Research and Developments

(Funding to support all of the process from creation of knowledge, which leads to innovation in Japan, to the return of research results to the society)

and

 Reinforcement of infrastructure in S&T to promote innovation





Top-down and Bottom-up basic research projects

Bottom-up type

"Grants-in-aid for scientific research" (JSPS*, MEXT")

*Japan Society for the Promotion of Science ** Min. of Educ., Culture, Sports Sci. & Tech.

Promote various types of academic work through research activities



Support for academically distinguished, original, pioneering research



Research proposal based on the free thought of individual researchers

Top-down type



Roles of Basic Research Programs

1\$ ~100JPY

Curiosities

Basic research to applied research originated from social/ industrial needs

Applied R&D

JST Industry-academia

Other industry-based

researches

collaboration

Curiosity-driven

Grants-in-Aid

ca. 2,000 M\$

JSPS, MEXT

JST Basic Research **Programs**

Mission-driven

ca.500 M\$



Energy / Environment

Transportation / Construction

> Therapy / Medicine

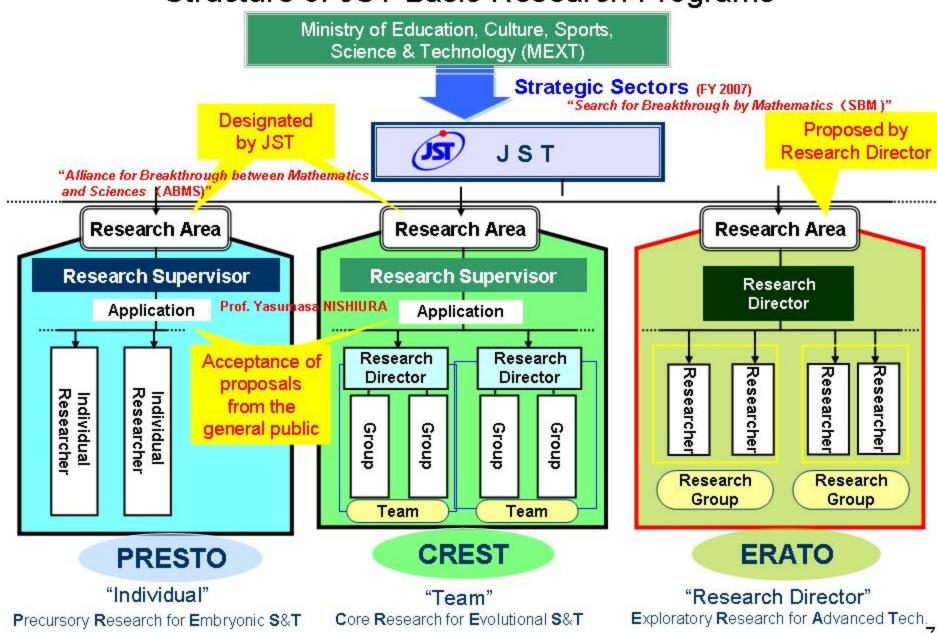
Agriculture / Marine

Information

Academia

Firms

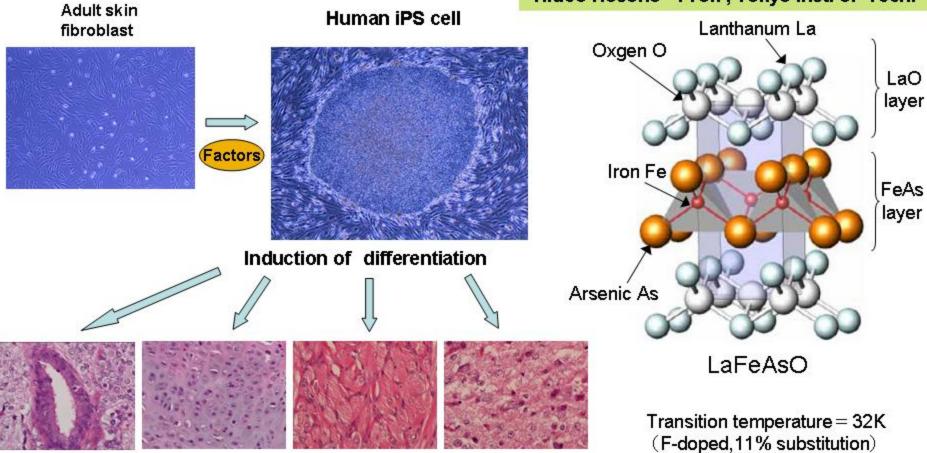
Structure of JST Basic Research Programs



Outcomes of JST Basic Research Programs

Generation of human induced pluripotent stem (iPS) cell Shinya Yamanaka Prof. Kyoto Univ.

Discovery of third-category
high-temperature superconductor
(a compound containing Fe)
Hideo Hosono Prof., Tokyo Inst. of Tech.





Advancing the globalization and international development of our activities

- JST encourages international activities of JST Basic research programs, such as:
 - International symposium
 - International cooperative research
 - Purpose :
 - accelerate the progress of its research in cooperation with foreign research institutions and researchers,
 - acquire the recognition of its research activities.

For more information, please visit

http://www.jst.go.jp/EN/

Thank you!