

Outline of the Comprehensive Collaboration Agreement between Osaka University and Chugai Pharmaceutical Co., Ltd.

Executive Vice President of Research and Risk
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Yasushi Yagi

Pioneering University- Industry “Co-creation” at Osaka University



The 3rd stage of university-industry collaboration

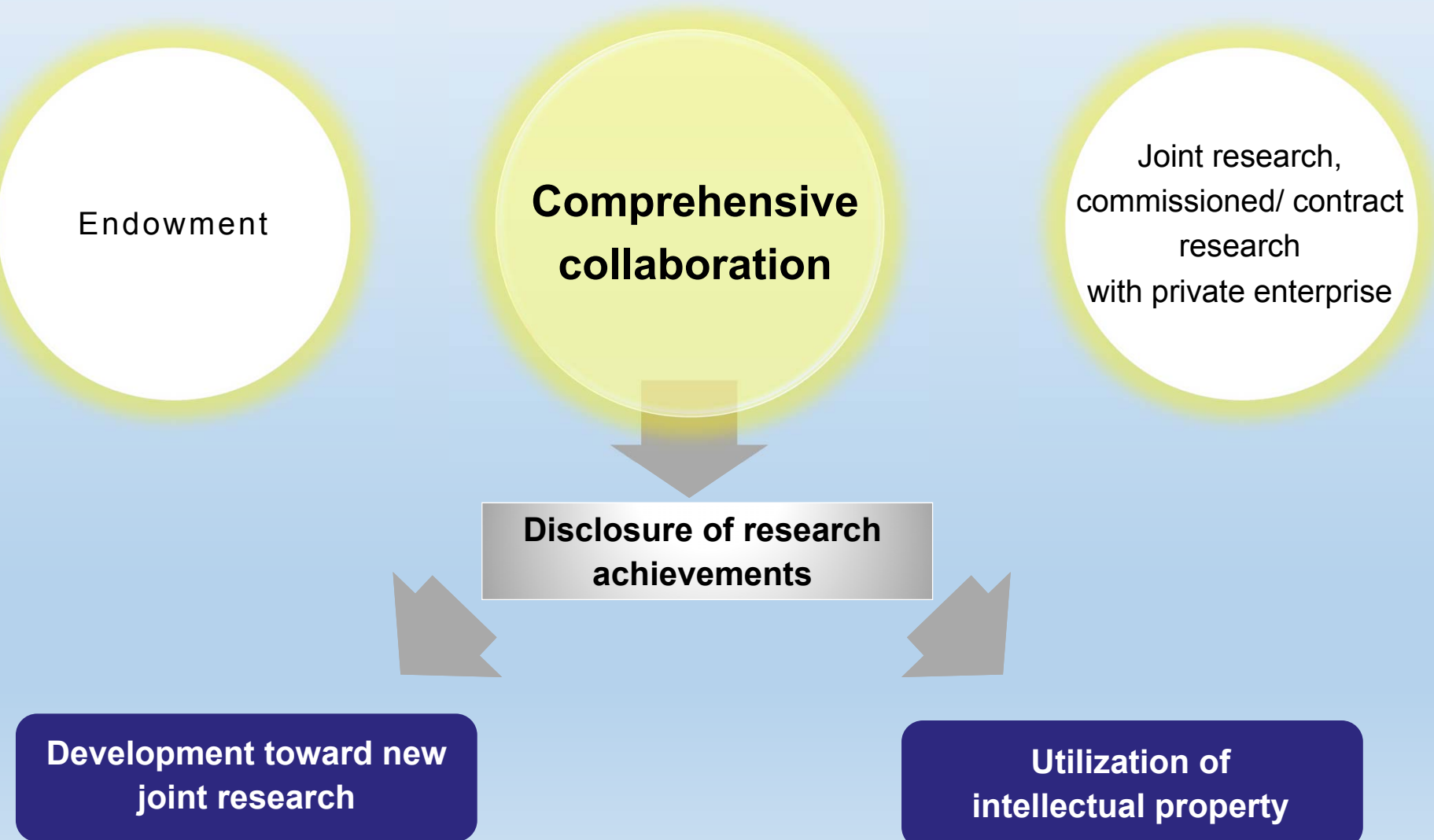
A new type of university-industry collaboration, at Osaka University = **University-Industry Co-creation**

Approach **1** Comprehensive collaboration from the stage of basic research

Approach **2** Nurturing innovative researchers through university-industry collaboration



Comprehensive university-industry collaboration from the basic research stage



World Premier International Research Center (WPI) Initiative

Nine centers established in Japan. IFReC established as an international center for immunology research

4 objectives

Science

Advancing leading-edge research

Globalization

Establishing international research environments

Fusion

Creation interdisciplinary domains

Reform

Reform of research institutions

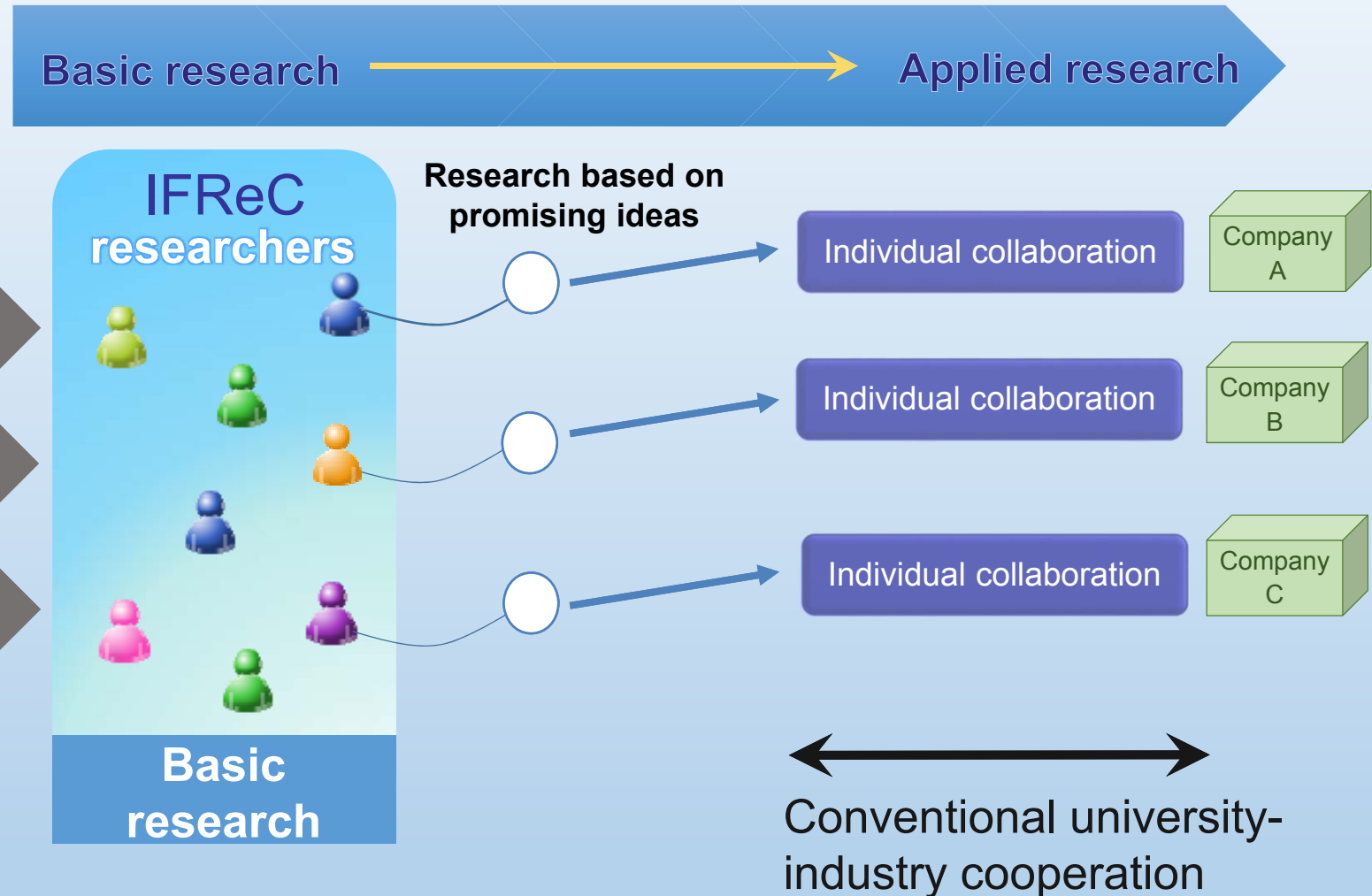


Immunology Frontier Research Center (IFReC), Osaka University

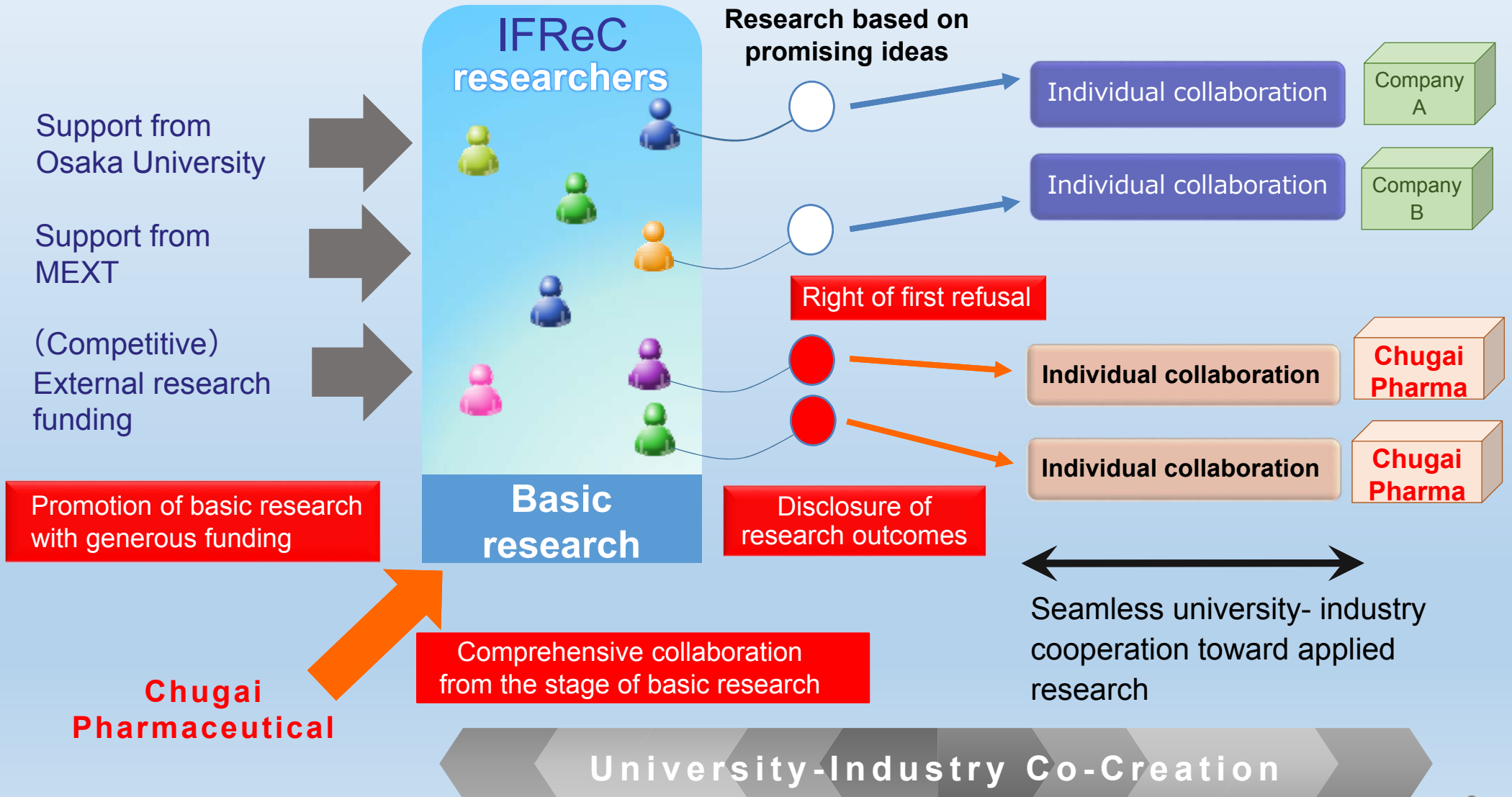
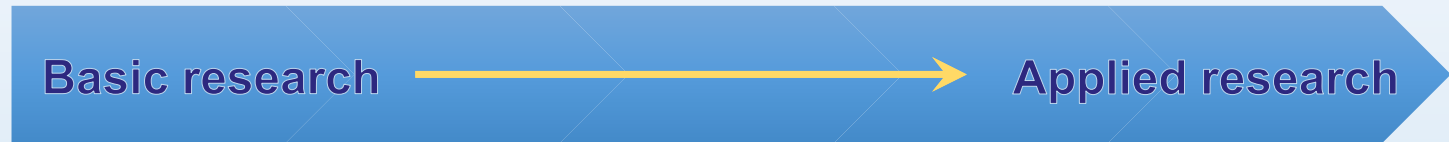
IFReC is a world-leading research institute headed by Dr. Shizuo Akira, one of the most prominent immunologists today. The center leads global immunology research with its 180 researchers including Dr. Shimon Sakaguchi, well-known for his discovery of regulatory T cells.

The WPI program will transition to a new stage for support from fiscal 2017.

Pioneering University- Industry “Co-creation” at Osaka University



University- Industry “Co-creation” from Basic Research at IFReC to Applied Research





Outline of Comprehensive Collaboration with IFRcC

CHUGAI PHARMACEUTICAL CO., LTD.

Executive Vice President

Yutaka Tanaka

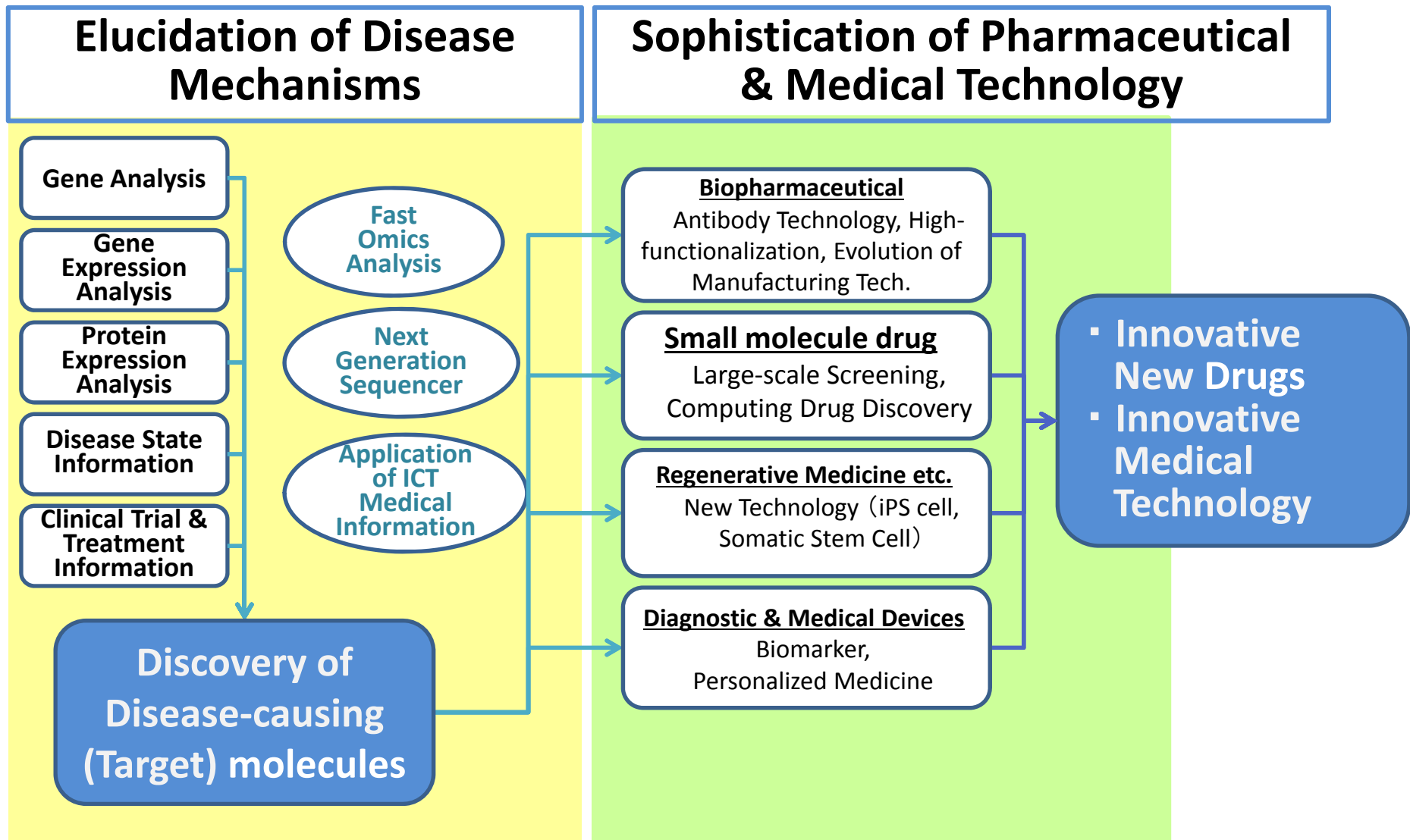
May 19, 2016

Global Trends in the R&D of Pharmaceutical & Medical Technology

Innovation all for the patients



Roche A member of the Roche group



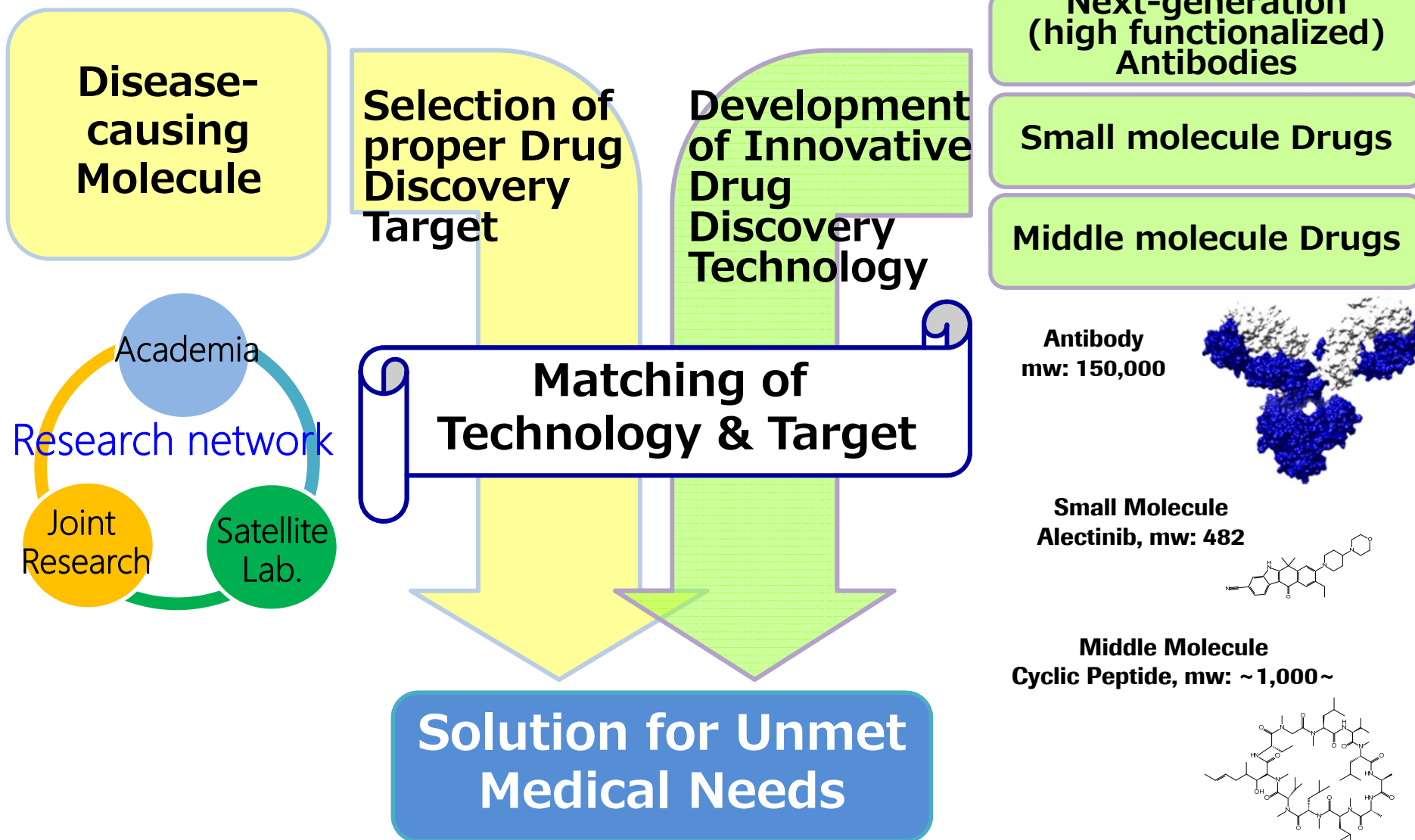
Chugai's Strategy for Drug Discovery

~Technology-driven Approach~

Innovation all for the patients



Roche A member of the Roche group



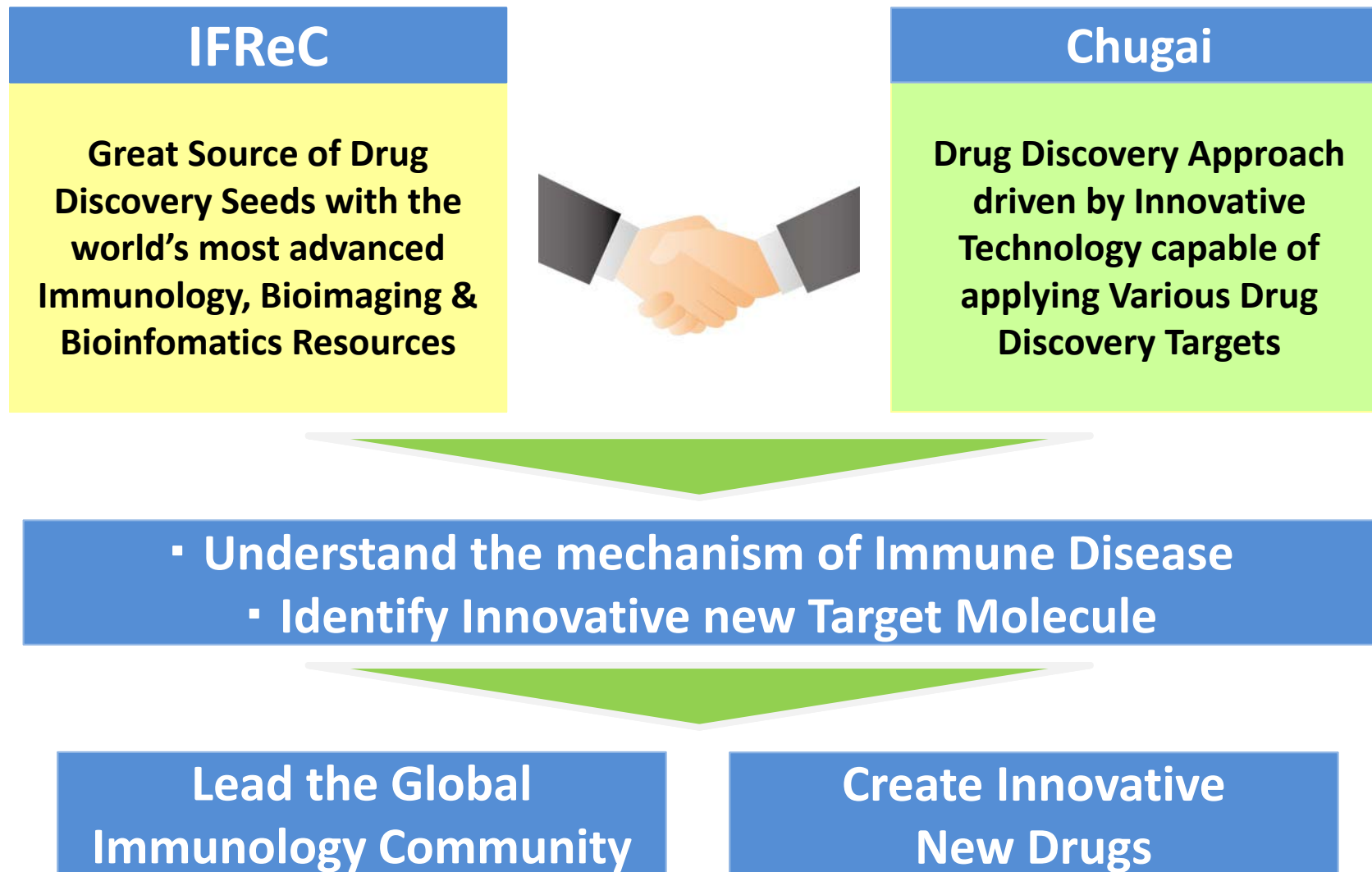
Value from the Collaboration of IFReC & Chugai

~ Innovation created by the fusion of IFReC's cutting-edge Immunology research and Chugai's Drug Discovery Technology ~

Innovation all for the patients



Roche A member of the Roche group



Framework of IFReC-Chugai Comprehensive Collaboration

~New academia-industry alliance collaborating from the stage of autonomous basic research at IFReC~

Innovation all for the patients



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