

## Preface

The 2017 White Paper on Science and Technology reports on policies and measures that were implemented for promoting science and technology on the basis of the provisions of Article 8 of the Basic Act on Science and Technology (Act No. 130 of November 15, 1995).

Part I focuses on the trends in the important policies and measures related to science and technology and thus provides background knowledge with which one may better understand the content of Part II, which elaborates on the measures that were taken for the promotion of science and technology.

Specifically, Part I, which is titled "Accelerating Open Innovation—Toward Sustainable Innovation Co-created by Industry, Academia, and Government," analyzes the current situation of open innovation, which has been gaining increasing importance along with the advancement of information and communication technology and the progress of globalization, and suggests the direction in which Japan should move in the future. The feature story at the beginning of this white paper reports the initiatives to enhance the basic science capability of Japan, with a focus on issues concerning academic research and basic research and young researchers who engage in these research activities, which have been actively discussed following Dr. Ohsumi's winning of the Nobel Prize in 2016.