

## The summary of the technology policies of the Ministry of Health, Labour and Welfare

### A basic way of thinking about the technology study promotion

#### Security of the founding of a secure country

- (1) Guaranteed safety for medical care
- (2) Guaranteed safety of food provision
- (3) The anti-healthy crisis control measure

#### The realization of advanced medical care

- (1) Development of base technology for advanced medical care
- (2) Promotion of the maintenance of clinical studies (a clinical trial) base

#### Promotion of the healthy relief

- (Extension of the healthy life expectancy)
- (1) Promotion of nursing care, enforcement of anti dementia measures and improvements for the Quality Of Life of the disabled.
  - (2) Improvement / next generation upbringing of the health of woman through life
  - (3) The development of cancer prevention / a diagnosis / the cure
  - (4) Anti-lifestyle-related disease measures, conquest of immunity / allergies and Quality Of Life improvements for those with terminal illnesses
  - (5) The subsequent emergence of infectious disease and re-occurring illnesses.
  - (6) The health promotion for the mentally ill

Safety and high quality of healthy life

### The social situation

Development of an aging society with a declining birthrate

A trouble / uneasiness / the demand of the nation

- Life after retirement
- Health
- Medical care/ the social security system reform, pension and life science study

Emphasis on Life science study

### The situation of the technology

1. Development of life science
  - The arrival of full-scale post-genome times
  - The development of human stem cell studies.
2. The development of the administrative action
  - The third technology basic plan
  - Anti-cancer - 10 year strategic view
  - Healthy Japan 21 – Development of Health.

### A promotion measure

#### 1. The study system

- Introduction of result-oriented business systems (A strategy type study), efficient development of effective study techniques
- Applications open to the public and the security of the open study system by the appropriate study evaluation
- A policy medical care network, co-operation with medical institutions and doctors

#### 2. The maintenance of research organizations and their effective administration

- Prepare the core of the organization, the implementation of large-sized experiment institutions, promoting the co-operation of research organizations (The large-scale commentary of the genome, large-scale analysis of proteins, the establishment of the embryonic stem cell, the security of resources for studies and the clinical study data management).

#### 3. Human resource training

- A talented person who is necessary for a study, the field of medicine engineering co-operation, a clinical study coordinator and the expert in the field of life ethics.
- Epidemiology, training of an expert supporting statistical experts.
- The person in charge of the study evaluation, a young researcher, a study leader

#### 4. Co-operation among industry, government and academia / Technology transfer

- Establish a Technology Licensing Office (TLO).
- Conversion to belonging of mechanism of research product and maintenance of reward rule
- The maintenance of results of a research database.