

## 講演録

# 医療イノベーション創出に向けた拠点の確立 日本主導型グローバル臨床研究体制整備事業

## — 現状と今後の展望 — \*1

福島 雅典

公益財団法人 先端医療振興財団 臨床研究情報センター

## Japan-Initiated Global Clinical Trials Development Project

### — Current status and future prospects —

Masanori Fukushima

Translational Research Informatics Center, Foundation for Biomedical Research and Innovation

#### Abstract

Science has no borders, no walls. It is without question that we are living in an unprecedented evolutionary era of science and technology, in terms of genomes, immunity, molecules, stem cells, brain machine interface, nano-technology, and AI (artificial intelligence). It means an extraordinary opportunity is lying ahead of us. The future of mankind is now in our hands.

We are now ready to approach our common goal: that is, realization of a happy, healthy, and active world through medical innovation in this centenarian age.

However, we need to open each silo; we need the key to open the silo. The key is data sharing. It allows acceleration of medical innovations for every researcher around the world. For data sharing, we have to standardize data and harmonize methodology and infrastructure.

We convened the first Global ARO (Academic Research Organization) Network Workshop right before this debriefing session of FY2016, and shared each country's approaches learning from each other. Our cooperative approach toward the next decade has just started, to open the door of a new era of clinical science and medical innovation.

This is a brief review of the national project of global clinical trial infrastructure formation which shows where are we now and where should we go.

Our final goal is to overcome diseases, the total control of diseases, to make a happy, healthy, active, world. In order to achieve the goal, we should keep in mind the proverb: "Today is the first day of the rest of our life".

#### Key words

global clinical trials, data sharing, medical innovation, standardization, harmonization

*Rinsho Hyoka (Clinical Evaluation)*. 2017 ; 45 : 561-70.

\*1 本稿は、2017年3月2日(木)、3月3日(金)に開催された国立研究開発法人日本医療研究開発機構 革新的医療技術創出拠点プロジェクト 平成28年度成果報告会における講演の記録である。