

## ***Aim of Synthesiology*** — Utilizing the fruits of research for social prosperity —

There is a wide gap between scientific achievement and its utilization by society. The history of modern science is replete with results that have taken life-times to reach fruition. This disparity has been called the *valley of death*, or the *nightmare stage*. Bridging this difference requires scientists and engineers who understand the potential value to society of their achievements. Despite many previous attempts, a systematic dissemination of the links between scientific achievement and social wealth has not yet been realized.

The unique aim of the journal *Synthesiology* is its focus on the utilization of knowledge for the creation of social wealth, as distinct from the accumulated facts on which that wealth is engendered. Each published paper identifies and integrates component technologies that create value to society. The methods employed and the steps taken toward implementation are also presented.

### ***Synthesiology* Editorial Board**

Editor in Chief: T. KANAYAMA

Senior Executive Editor: N. YUMOTO (National Cerebral and Cardiovascular Center), H. YOTSUMOTO

Executive Editors: K. IKEGAMI, C. KURIMOTO, T. SHIMIZU, S. TOGASHI, Y. YAMADA, M. AKAMATSU, N. KOBAYASHI (Waseda University), M. TAKAHASHI

Editors: T. ATAKA (Research Association of High-Throughput Design and Development for Advanced Functional Materials(Hi-Mat)), N. AYA, S. ICHIMURA (Nagoya University), Y. OGASAKA (Japan Science and Technology Agency), A. ONO, A. KAGEYAMA, M. GOTOH, M. TAKESHITA (New Energy and Industrial Technology Development Organization), H. TAYA (J-Space Inc.), S. NAITOU, K. FUJII, T. MATSUI (New Energy and Industrial Technology Development Organization), H. YOSHIKAWA (Japan Science and Technology Agency)

Publishing Secretariat: Public Relations Information Office, Planning Headquarters, AIST

c/o Public Relations Information Office, Planning Headquarters, AIST

Tsukuba Central 1, 1-1-1 Umezono, Tsukuba 305-8560, Japan

Tel: +81-29-862-6217 Fax: +81-29-862-6212

E-mail: [synthesiology-ml@aist.go.jp](mailto:synthesiology-ml@aist.go.jp)

URL: [http://www.aist.go.jp/aist\\_e/research\\_results/publications/synthesiology\\_e](http://www.aist.go.jp/aist_e/research_results/publications/synthesiology_e)

● Reproduction in whole or in part without written permission is prohibited.

**Synthesiology - English edition Vol. 9 No. 3, Feb. 2017**

Edited by *Synthesiology* Editorial Board

Published by National Institute of Advanced Industrial Science and Technology (AIST)

---