CYBERDYNE

News Release

November 5, 2019
CYBERDYNE, INC.

Yoshiyuki Sankai was awarded with the Purple Medal with Ribbon for the Decoration Ceremony Autumn 2019 (Reiwa 1)

Yoshiyuki Sankai, President and CEO of CYBERDYNE, INC. (the "Company") was awarded with the Purple Medal with Ribbon for the first ever Autumn Decoration Ceremony in the new era of Reiwa on November 3, 2019.

【About the Purple Medal with Ribbon】

Purple Medal with Ribbon are awarded to individuals who have made inventions and discoveries in science and technological fields, individuals who made outstanding achievement in fields of academia, sports, art or culture.

Yoshiyuki Sankai, President and CEO of the Company was awarded for his achievements in the research of human/medical engineering. Sankai becames pioneer of new field called Cybernics that fuses the function of human, robots and information systems. This led to inventions like the world's first Wearable Cyborg HAL that integrates the function of the brain-nerve, robot and informational system. Social implementation of HAL towards medical, elderly care, living support as a human assistive technology are in progress both in Japan and outside Japan.

【Comment of Yoshiyuki Sankai】

I am very honored to receive this important award in a memorial first year of Reiwa. For long time, I worked to pioneer on the new academic field of Cybernics* that fuses and combines the function of the human, robot and information systems. This led to realization of number of unique technologies such as the world's first Wearable Cyborg that connects the wearer's bio-electrical signals with the robot. Wearable Cyborg is now being disseminated in the society as a device for treatment towards patient with brain-nerves-musculoskeletal disorders, towards promoting better autonomy for the elderly and towards supporting workers in various work places.

The technology that were originated in Tsukuba Science City are now not only being used in Japan, but also in the U.S., Europe and Asia, growing to be one of the core technologies in global medical community.

I believe 2019 (Reiwa 1) is going to be the year where Cybernics Industry starts to become the industry after Robot and Information Technology. I would like to make further contribution to the society by continuing to solve problems of human and society, and by continuing to challenge pioneering the future.

We thank all of our stakeholders for supporting our challenges.
We kindly ask for continuous support in the years to come.

**Cybernics is a new academic field that fused/combined cross- disciplinary fields. The core disciplines of Cybernics are field academic field related to human, robots and information systems; however, it also embraces various fields such as neuroscience, AI, Robotics, system engineering, information technology, physiology, psychology, behavioral science, philosophy, ethics, law, business administration and etc.*

Various social issues that people and the society face today are so complex that cross- disciplinary approach is necessary to tackle them. Yoshiyuki Sankai, a professor at the University of Tsukuba in Japan, who is now also President and CEO of the Company championed Cybernics as a new academic field that could approach these issues from multiple perspectives.



【Biography of Yoshiyuki Sankai】

1958 Born in Okayama Prefecture

1987 Ph.D. in Engineering from the University of Tsukuba

2004 Professor of Information & Systems at the University of Tsukuba (present)
Director at incorporation of CYBERDYNE

2006 President and CEO of CYBERDYNE (present)

2009 Director of the Center for Cybernics Research, University of Tsukuba

2010 Core Research of Funding Program for World-Leading Innovative R&D on Science and Technology Program (FIRST) hosted by the Cabinet Office of Japan

2014 Program manager of the Impulsing Paradigm Changes through Disruptive Technology Program (ImPACT) hosted by the Cabinet Office of Japan

2017 Executive Research Director of the Center for Cybernics Research, University of Tsukuba (present)

【Main awards associated with Yoshiyuki Sankai】

2005 The 2005 World Technology Award (Grand Prize)

2006 Good Design Award (Gold Prize), Japan Innovator Award (Award of Excellence)

2007 The Minister of Economy, Trade and Industry Award

2009 21st Century Invention Award at the National Invention Awards, "Development of Cyborg-type Robot Technology"

2011 NetExplorateurs of the Year 2011 at France UNESCO Headquarters

2012 The 2012 Capek Award at INNOROBO

2013 The 2014 Technology Pioneer at the Davos World Economic Forum

2014 2014 Edison Awards Gold Award, DealWatch Awards 2013, IPO of the Year at Thomson Reuters

2015 Minister of Education, Culture, Sports, Science and Technology Award, DealWatch Awards 2014, Innovative Equity Deal of the Year (Thomson Reuters), The Minister of Economy, Trade and Industry Award, Zaikai Business Leader of the Year Award

2016 DIA Japan Outstanding Contribution to Health Award
Robot Award - Minister of Health Labour and Welfare Award

2017 The Nippon Venture Award Prime Ministers Award

2019 Technology Management and Innovation Award - Ministry of Education, Culture, Sports, Science and Technology Award, Ichimura Prize in Industry