

Project No. : 15001 Core Institution in Japan: Kyoto University
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**JSPS Core-to-Core Program -Strategic Research Networks-
FY2007 Research Report**

Project No.	15001
Research Theme	Primate Origins of Human Evolution
Duration of Project	April 1.2006 — March 31.2009
Core Institution in Japan	Kyoto University
Implementing Organizations	Primate Research Institute, Kyoto University Professor Tetsuro Matsuzawa
Country	Japan
Core Institution	Kyoto University
Co-Chair (name and title)	Professor Testuro Matsuzawa
Number of Cooperating Institutions	28
Cooperating Institutions	Tokyo University, Tokyo Institute of Technology, Hokkaido University, Tohoku University, Gifu University, Graduate University for Advanced Studies, National Institute of Genetics, National Institute of Informatics, Medical Institute of Biomedical Innovation, University of Shiga Prefecture, Kyoto Prefecture University, Tokyo Women's Medical University, Meiji Gakuin University, Sugiyama Jyogakuen University, Obihiro University of Agriculture Veterinary Medicine, Okinawa University, Ochanomizu University, St. Marianna University School of Medicine, Great Ape Research Institute Hayashibara, Nagoya Institute of Technology, Okayama University, Yamaguchi University, Kagoshima University, University of the Ryukyus, Nihon University, Kwansai Gakuin University, Japan Monkey Center, National Museum of Nature and Science

Country	Germany
Core Institution	Max Planck Institute for Evolutionary Anthropology
Co-Chair (name and title)	Dr. Michael Tomasello
Number of Cooperating Institutions	2
Cooperating Institutions	Deutsches Primatenzentrum GmbH, Munchen University
Matching Fund	Max-Planck-Gesellschaft zur Förderung der Wissenschaften

Country	U.S.A.
Core Institution	Department of Anthropology, Harvard University
Co-Chair (name and title)	Dr. Richard W. Wrangham
Number of Cooperating Institutions	5
Cooperating Institutions	University of Wisconsin, Emory University, Dartmouth University, California University, University of Michigan
Matching Fund	James McDonnell Foundation

Country	UK
Core Institution	Cambridge University
Co-Chair (name and title)	Dr. William McGrew
Number of Cooperating Institutions	4
Cooperating Institutions	Oxford University, St. Andrew University, Starling University, Liverpool University
Matching Fund	BBSRC

Country	Italy
Core Institution	Institute for Science and Technology of Cognition
Co-Chair (name and title)	Professor Elisabetta Visalberghi
Number of Cooperating Institutions	2
Cooperating Institutions	Parma University, International Institute for Advanced Studies
Matching Fund	Institute for Science and Technology of Cognition

Result of Program Implementation

The HOPE project has expanded as a cooperative network of the centre for primate research in five different regions by the Primate Research Institute, Kyoto University, Japan, Max Planck Institute for Evolutionary Anthropology, Germany, Department of Anthropology, Harvard University, USA, Cambridge University, UK and Institute for Science and Technology of Cognition, Italy during year 2007.

This cooperative projects for study produced many outstanding achievements.

These achievements brought novel paradigm diversion in several research areas in human, primate, and other mammal studies. Actually the plan could publish various articles in 2007, however, we will continuously attempted establishing many important results also in 2008. In addition, our collaboration brought success not only in research subject but also the relationships among researchers in different countries and different study areas. Moreover the project succeeded in training students for the future research works and collaborations.

Achievements in FY2007 (Self Review)

HOPE project provided the opportunity to promote the primate research in psychological, morphological, physiological and sociological aspects, and further on genome which lies under all other aspects through the various study programs. And HOPE also provided chances to make a relationship among researchers in different countries during this year. Development of human cognitive function and these evolutionary bases were investigated by collaboration of the Primate Research Institute, Kyoto University, Japan and the group of the comparative cognitive development of Max Planck Institute for Evolutionary Anthropology, Germany.

The German group worked mainly on the social intelligence and the Japanese group worked on the manufacture intelligence. Genome study on primates has been held on by collaboration of the comparative genomics development group in the Max Planck Institute and the Primate Research Institute, Kyoto University. Furthermore morphological approaches and fossil records related to language or cognition have also been discussed. With Max Planck Institute for Evolutionary Anthropology, Germany, and Department of Anthropology, Harvard University, USA, we held on field work of great apes focused on chimpanzee's habitat in Eastern, Central and Western Africa. In 2007, we also had HOPE Symposium "Primate origins of human evolution" in 2007 was held on in Tokyo. We invited postgraduate students and young researchers from not only Japan but also all over the world. More than 100 people joined and exchanged significant opinions.

Future Plan (Measures toward Achieving Research Objectives)

The HOPE project aims to study the "Primate Origins of Human Evolution" In order to quest for the answer of fundamental questions for humanity, e.g. "where we came from " or "what human nature is" we have to continue to provide various activities through HOPE projects. We believe that the interdisciplinary collaboration by HOPE projects make us answer the questions and lead us to an answer of ultimate question "where will we go" some day. Therefore we will recommend expanding this research collaboration taking a stance interdisciplinary researches and nurturing young generations.