

**JSPS Core-to-Core Program
FY2006 Implementation Plan (Project No. :15001)**

Research Theme Primate Origins of Human Evolution

Duration of Project April 1.2006 March 31.2009 (36 months)

Core Institution in Japan (Co-Chair) Kyoto University
(Professor · Tetsuro Matsuzawa)

Implementing Organizations

Japan

Japan	Core Institution	Kyoto University	
	Co-Chair (name and title)	Primate Research Institute · Professor · Tetsuro Matsuzawa	
	Cooperating Institutions	Tokyo University, Tokyo Institute of Technology, Hokkaido 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	Number of Cooperating Institutions 18

Partner Countries

Germany	Core Institution	Max Planck Institute for Evolutionary Anthropology	
	Co-Chair (name and title)	Professor · Michael Tomasello	
	Cooperating Institutions	German Primate Center, München University	Number of Cooperating Institutions 2

U.S.A.	Core Institution	Harvard University	
	Co-Chair (name and title)	Department of Anthropology · Professor · Richard Wrangham	
	Cooperating Institutions	University of Wisconsin, Emory University, University of California, University of Michigan, Dartmouth University,	Number of Cooperating Institutions 5

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

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

Objectives of Research Exchange (including the five years after the project finishes)

The HOPE project aims to study the "Primate Origins of Human Evolution"

The HOPE project has been built and expanded as a cooperative network of the centre for primate research in three different areas by the Primate Research Institute, Kyoto University, Japan, Max Planck Institute for Evolutionary Anthropology, Germany, and Department of Anthropology, Harvard University, USA. We have conducted some primate (including human) research in psychological, morphological, physiological, and sociological aspects, and further on genome which lies under all other aspect.

These studies are to quest for the answer of fundamental questions for humanity, i.g. "where we came from" or "what human nature is". HOPE can give some suggestion for the object of public concern, like "where will we go". We believe that we can achieve our goal during the exchange term.

Results to the present

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. Genome study on primates has been held on by collaboration of the comparative genomics development group in the both Institutes. 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.

Summary of FY 2006 Exchange Plan**Joint Research**

The joint research are planned as follows: Study of comparative cognition, Field work of wild great apes, Study of fossil primates, Study on social behavior of chimpanzees, and Natural history of mammals in Asian fields. The examples of our counterparts are Max Planck Institute, Harvard University, Cambridge University, and Institute for Science and Technology of Cognition.

Seminar

HOPE project in the year 2006 has many plans to invite foreign scholars to Japan to hold the international meetings and workshops. For example, we will invite a genetics scholar from Bangladesh, an archaeologist and so on. In addition to the above-mentioned, we will also hold a series of HOPE international seminars by the foreign inviting professors.

Researcher Exchanges

HOPE project promotes the collaborative works and researcher exchanges in various fields focusing on mind, body, society, and genome. These collaborations bring success not only in research subject but also the relationships among researchers in different countries and different study area.