

National Institute for Minamata Disease  
Fiscal year 2012 List of research and other activities

Group	Division	Subject name	Chief researcher (The chief person in charge)	Term
Mechanism	Project research	Research on selective cytotoxicity and factors determining individual sensitivity of methylmercury	Masatake Fujimura	2010-2014 (for 5 years)
Clinical	Project research	Clinical research on the of Minamata Disease -focus on the establishment of the objective assessment by magnetoencephalography -	Masaaki Nakamura	2010-2014 (for 5 years)
Risk recognition and information service	Project research	Studies on methylmercury exposure in whale-eating district	Masaaki Nakamura	2010-2014 (for 5 years)
Risk recognition and information service	Project research	Global Center of Excellence Project on Mercury Research and Investigation	Masanori Sasaki	2010-2012 (for 3 years)
Mechanism	Fundamental research	Study on the molecular genetic and biochemical factors causing differences of stress responses to methylmercury	Fusako Usuki	2010-2014 (for 5 years)
Mechanism	Fundamental research	Research on effect of methylmercury to neurite outgrowth and relief of toxicity	Masatake Fujimura	2010-2014 (for 5 years)
Mechanism	Fundamental research	Research on effect of dietary fibers on excretion of mercury after methylmercury exposure	Masaaki Nagano	2012-2014 (for 3 years)
Risk recognition and information service	Fundamental research	Exposure assessment of methylmercury and other heavy metals in pregnant women and fetuses	Mineshi Sakamoto	2010-2011 (for 2 years)
Risk recognition and information service	Fundamental research	Protective effect of selenium against methylmercury toxicity and co-existence of mercury and selenium in human and sea-mammals	Mineshi Sakamoto	2010-2014 (for 5 years)
Risk recognition and information service	Fundamental research	Study on information transmission and risk perception on health risk of low level exposure to methylmercury	Noriyuki Hachiya	2010-2014 (for 5 years)
Risk recognition and information service	Fundamental research	Study of Methylmercury Exposure and Autonomic Nervous System in experimental animals	Masanori Sasaki	2012 (for 1 year)
Risk recognition and information service	Fundamental research	Evaluation of sensitivity factors for methylmercury exposure -Application of pathological animal model and knock out animal-	Megumi Yamamoto	2012-2014 (for 3 years)
Social and epidemiological	Fundamental research	Study on risk management in Minamata disease history	Noriyuki Hachiya	2010-2014 (for 5 years)
Social and epidemiological	Fundamental research	Change of the ADL of fetal and puerility Minamata disease patient entering	Liu Xiao Jie	2010-2012 (for 3 years)
Social and epidemiological	Fundamental research	Life and healthy present conditions survey by Minamata disease patient	Liu Xiao Jie	2010-2014 (for 5 years)
Social and epidemiological	Fundamental research	Research on regeneration in Minamata disease area	Tazusa Arakaki	2010-2014 (for 5 years)
Social and epidemiological	Fundamental research	Research on the cooperation of job creation and social welfare at Minamata city that experienced pollution damage	Rie Harada	2011-2014 (for 4 years)
Local and global environment	Fundamental research	Marine ecosystem and mercury behavior in Yatsushiro Sea. -Quantitative survey of marine benthic community in Yatsushiro Sea and mercury concentration of several fishes through food web-	Keisuke Mori	2010-2014 (for 5 years)
Local and global environment	Fundamental research	Research on its influences and behaviors of mercury in an aquatic environment of Minamata Bay	Akito Matsuyama	2010-2014 (for 5 years)
Local and global environment	Fundamental research	Research on chemical reactions, transport and deposition of atmospheric mercury	Koji Marumoto	2010-2014 (for 5 years)
Local and global environment	Fundamental research	Study on natural emission sources of atmospheric mercury	Koji Marumoto	2010-2014 (for 5 years)
Local and global environment	Fundamental research	Study on biomagnification of mercury from sediment to demersal fish	Shoko Imai	2012-2013 (for 2 years)
Clinical	Other activities	Practice of rehabilitation for patients with Minamata disease and transmission of information on care and rehabilitation	Fusako Usuki	2010-2014 (for 5 years)
Clinical	Other activities	Community development project for home care support including health care practice	Masaaki Nakamura	2010-2012 (for 3 years)
Clinical	Other activities	Health seminars	Koji Murao	2010-2014 (for 5 years)
Risk recognition and information service	Other activities	Organization of documents and materials on Minamata disease, and dispatch of related information in Minamata Disease Archives	Noriyuki Hachiya	2010-2014 (for 5 years)

Group	Division	Subject name	Chief researcher (The chief person in charge)	Term
Risk recognition and information service	Other activities	Hair mercury examination of areas concerning for mercury pollution around the world	Masatake Fujimura	2010-2014 (for 5 years)
Risk recognition and information service	Other activities	Digitization of histopathological slides of Minamata disease patients for permanent preservation	Masumi Marumoto	2010-2012 (for 3 years)
Risk recognition and information service	Other activities	Information service using hair mercury analysis	Noriyuki Hachiya	2011-2012 (for 2 years)
Local and global environment	Other activities	Cooperation of research in the international organization	Mineshi Sakamoto	2010-2014 (for 5 years)
Local and global environment	Other activities	NIMD Forum and International Workshop	Mineshi Sakamoto	2010-2014 (for 5 years)
Others	Other activities	Global mercury research promotion project	Masanori Sasaki	2010-2012 (for 3 years)