

Reproducible evaluation on our sequential states for social improvement

R&D Project Title : Development of technology to support children's well-being using information on physical functions and home networks

Project Leader : Takefumi KIKUSUI

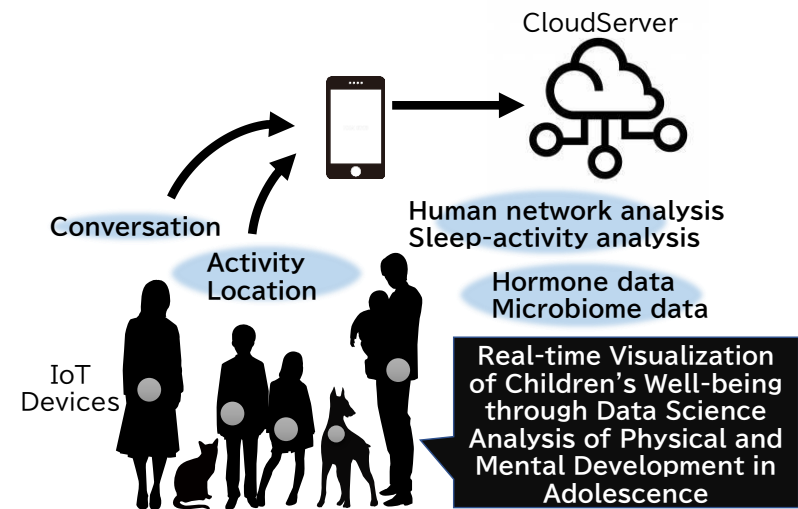
Professor, School of Veterinary Medicine, Azabu University

R&D Team : Tokyo Metropolitan Institute of Medical Science, RIKEN, Osaka City University, Nara Institute of Science and Technology (NAIST)



Summary :

In this project, we develop a technology to visualize the home network, which strongly influences the well-being of adolescents, from location information and conversations in the home, and together with changes in physiological indicators such as daily sleep, we aim to develop a system to support lifelong well-being of adolescents. Our research group has obtained long-term changes in QOL and well-being of adolescents through the first large-scale adolescent cohort study in Asia. In parallel, we are analyzing the dynamics of physiological indicators such as endocrine, immune, and oral microflora, in addition to the quality and quantity of daily activities, sleep, and household communication, to clarify the relationship between various data and wellbeing. We will clarify the relationship between various household networks during individual development and long-term changes in well-being, with the aim of creating a system that supports life satisfaction and wellbeing across life stages.



Understanding the long-term fluctuations in individual well-being and the improvement of social well-being by developing it.