

# Assistance and evaluation for enhancing human relationships

**R&D Project Title: Development of technology which supports happy school life of diverse children**

**Project Leader: Atsushi SENJU**

Director and Professor, Research Center for Child Mental Development,  
Hamamatsu University School of Medicine

**R&D Team:** Institute of Child Developmental Science Research, Kyoto University



## Summary :

School environment will change radically after the COVID-19 pandemic due to digitalisation as well as online and remote teaching. New technology will be required to support children's well-being in school.

The current project utilises Tablet PC provided to all the children in Japan based on "GIGA-school" policy, as well as bio-sensing method based on remote sensing technology, to monitor children's social adaptation and class / school climate. These monitoring will then be exploited for early identification and early intervention for children's mental health risks. At the same time, ELSI issues expected to arise from the introduction of digital health monitoring and biosensing in school environment will be identified and resolved with the stakeholders, utilising participatory research design. We aim to maximise well-being of children and the society through the technology-assisted school environment which will also nurture socio-affective skills of the children.

