**Hiroshima University**

Department of Pediatrics, Graduate School of Biomedical & Health Sciences, Hiroshima University, Hiroshima, Japan

Prof. Satoshi OKADA, MD. PhD. [sokada@hiroshima-u.ac.jp](mailto:sokada@hiroshima-u.ac.jp)

Takaki ASANO, MD. PhD. [tasano02@hiroshima-u.ac.jp](mailto:tasano02@hiroshima-u.ac.jp)

**Strong point:** Genetics based diagnosis and characterization of PID.

You can learn following points,

* Steps to elucidate the genetic causality for PID patients.
* How to identify the candidate variants in PID patients (WES, WGS, RNA-seq, Proteome analysis).
* How to do the functional analysis for the variants found in PID patients.
* Also can learn basic experimental technics, molecular biology, or genetics.

**Patient’s care:**

* Stem cell transplantation

PID: 2-3 cases/year (CGD, SCN, the other PIDs)

Malignant diseases: 15-20/year

* Outpatient

Approximately 50 cases with PIDs

**Limitations:**

* Fellows can’t participate in the actual medical care for the patients without Japanese medical license, but can go around the in-patient work with the Japanese doctors every day.

**We can arrange and discuss your schedule depending on your curiosity (For examples: Half for clinical and half for research, or all for research etc.).**