

<p>(小児外科学)</p> <p>田尻 達郎 教授 松浦 俊治 准教授</p> <p>連絡先： kawakubo.naonori.061@m.kyushu-u.ac.jp</p>	<p>研究内容</p> <p>小児外科学分野では、小児の外科的疾患の発生病因・病態生理・診断・治療に関して研究しています。胎児期から学童期までの広い年齢層にわたる疾患を対象とし、国内外を問わず、患者さんを対象とした観察研究や介入研究（臨床研究）に加えて、臨床材料や培養細胞・実験動物を用いた基礎研究まで幅広く行っています。</p> <p>指導内容</p> <ol style="list-style-type: none"> 1. 小児悪性固形腫瘍の悪性度診断を目的とした分子生物学的解析と、難治例に対する新規治療法開発 2. 新生児外科疾患の疫学研究と、胎児治療を含む新規治療法開発 3. 小児小腸移植および肝臓移植に関する臨床研究および基礎研究 4. 小児内視鏡外科手術の工夫と開発 5. 腸管蠕動不全症（ヒルシュスプルング病とヒルシュスプルング病類縁疾患）を対象とした全国規模の疫学研究と遺伝子研究 6. 幹細胞による肝再生医療 7. 幹細胞による腸管神経再生医療 8. 発展途上国における疫学調査
<p>Department of Pediatric Surgery</p> <p>Professor Tatsuro Tajiri</p> <p>Associate Professor Toshiharu Matsuura</p> <p>E-mail: kawakubo.naonori.061@m.kyushu-u.ac.jp</p>	<p>Research Interests</p> <p>The Department of Pediatric Surgery has both clinical and laboratory research interests. Our goal is to elucidate etiology and pathogenesis of pediatric surgical diseases and to develop diagnosis and treatment for them. We have active clinical investigations in the domestic and international fields of neonatal surgery, pediatric cancer (oncology), pediatric organ transplantation, gastrointestinal dysmotility disorders and endoscopic surgery. We also have interests in laboratory research including analyses of clinical samples and experiments using cultured cells and laboratory animals.</p> <p>Contents of Teaching/ Research Themes</p> <ol style="list-style-type: none"> 1. Molecular analysis of malignant potential and development of new treatment for refractory cases of pediatric solid malignant tumors. 2. Research of etiology and development of new treatment including fetal therapy for neonatal surgical diseases. 3. Clinical and laboratory research for pediatric intestinal and liver transplantation. 4. Development of new technique and devices for pediatric endoscopic surgery. 5. Nation-wide clinical and genetic investigation for gastrointestinal dysmotility disorders including Hirschsprung's disease and allied disorders of Hirschsprung's disease. 6. Basic and clinical trial for reproductive medicine of liver using stem cells. 7. Basic and clinical trial for reproductive medicine of enteric nervous system using stem cells. 8. Clinical investigation in developing countries.