

<p>(生殖病態生理学) 加藤 聖子 教授</p> <p>連絡先： ikyoku@gynob.med.kyushu-u.ac.jp</p>	<p>研究内容 臨床における産科婦人科の専門性を重視し、腫瘍、生殖内分泌、周産期の3つの研究室からなる。</p> <p>指導内容</p> <ol style="list-style-type: none"> 1. 腫瘍研究室 <ol style="list-style-type: none"> (1) 婦人科がん幹細胞の研究 (2) 婦人科腫瘍の病理に関する研究 (3) 婦人科悪性腫瘍の薬剤耐性及び血管新生に関する研究 (4) 婦人科悪性腫瘍発生の分子メカニズムとゲノム創薬に関する研究 (5) 新規治療法の開発に関する研究 2. 生殖内分泌研究室 <ol style="list-style-type: none"> (1) 子宮内膜幹細胞の研究 (2) 不妊症および不育症の臨床研究 (3) 内視鏡手術による低侵襲外科治療法の研究 (4) 女性の退行期疾患の病態解明と治療に関する研究 (5) 始原生殖細胞の研究 3. 周産期研究室 <ol style="list-style-type: none"> (1) 妊娠高血圧症候群の病態生理に関する研究 (2) 胎児病の発症機序および治療法に関する研究 (3) 胎児中枢神経系発達過程に関する研究 (4) 胎盤形成における絨毛細胞の幹細胞や分化機構に関する研究
<p>Department of Obstetrics and Gynecology</p> <p>Professor Kiyoko Kato</p> <p>E-mail: ikyoku@gynob.med.kyushu-u.ac.jp</p>	<p>Research Interests</p> <ol style="list-style-type: none"> 1. Gynecologic Oncology <ol style="list-style-type: none"> (1) Gynecological cancer stem cell (2) Gynecological pathology (3) Mechanism of drug resistance and neovascularization in gynecologic malignancies (4) Molecular mechanisms of gynecologic cancer development and genomic drug discovery (5) Development of new cancer therapy 2. Reproductive Endocrinology/ Laparoscopy/ Women's Health <ol style="list-style-type: none"> (1) Endometrial stem cell (2) Clinical research for infertility and its associated disorders (3) Clinical significance of laparoscopic surgery (4) Pathophysiology of climacterium and its treatment (5) Primordial germ cell 3. Feto/ Maternal/ Perinatal Medicine <ol style="list-style-type: none"> (1) Pathophysiology of PIH (2) Pathophysiology of fetal diseases and their treatment (3) Fetal CNS development (4) Mechanisms of villous trophoblast stem cell and differentiation <p>Contents of Teaching/ Research Themes</p> <p>Research performed in the department includes topics associated with gynecological cancers, endocrinology and perinatology. Various topics are analyzed and dissected by methods developed from molecular and cell biology, pathology and medical electronics. Each topic focuses severe disorders involved in obstetrics and gynecology.</p>