

病理学講座先進機能病理学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
澤井 高志	病理学講座先進機能病理学分野	教授	博士（医学）	人体病理学、 医療情報学	<p>①Park S, Parwani AV, Aller RD, Banach L, Becich MJ, Borkenfeld S, Carter AB, Friedman BA, Rojo MG, Georgiou A, Kayser G, Kayser K, Legg M, Naugler C, <u>Sawai T</u>, Weiner H, Winsten D, Pantanowitz L: The history of pathology informatics: A global perspective. J Pathol Inform. 2013 May 30;4:7. doi: 10.4103/2153-3539.112689. Print 2013.</p> <p>②<u>Sawai T</u>, Kamataki A, Uzuki M, Ishida K, Hanasaka T, Ochi K, Hashimoto T, Kubo T, Morikawa A, Ochi T, Tohyama K: Serial block-face scanning electron microscopy combined with double-axis electron beam tomography provides new insight into cellular relationships. Microscopy: 62(2): 317-20 (2013) (doi: 10.1093/jmicro/dfs069)</p> <p>③Takatori E, Shoji T, Sawai T, Kurose A, Sugiyama T: Analysis of the antitumor activity of gemcitabine and carboplatin against ovarian clear-cell carcinoma using the DNA damage marker γH2AX. Onco Targets Ther. 2013 Jul 17;6:901-7. doi: 10.2147/OTT.S44021. Print 2013.</p> <p>④Nakayama I, Matsumura T, Kamataki A, Uzuki M, Saito K, Hobbs J, Akasaka T, <u>Sawai T</u>: Development of a teledermatopathology consultation system using virtual slides. Diag Pathol. doi:10.1186/1746-1596-7-177 (2012)</p> <p>⑤文部科学省科学研究費補助金 基盤研究C「課題名：医学、医療における組織学・病理組織学学習システムの開発」2011-2013年度</p>
木原 美和	病理学講座先進機能病理学分野	准教授	博士（医学）	人体病理学、 医療情報学	<p>①<u>Uzuki M</u>, Sawai T, Ryan LM, Rosenthal AK, Masuda I: Up-regulation of ANK Expression in Joint Tissue in Calcium Pyrophosphate Dihydrate Crystal Deposition Disease (CPPD). J Rheumatology, 2013, in press.</p> <p>②<u>Uzuki M</u>, Kamataki A, Watanabe M, Sasaki N, Miura Y, Sawai T: Histological analysis of esophageal muscular layer from 27 autopsy cases with mixed connective tissue disease (MCTD). Pathology - Research and Practice. 207: 383-90 (2011)</p> <p>③<u>Uzuki M</u>, Sasano H, Muramatsu Y, Totsune K, Oki Y, Takahashi K, Iino K, Sawai T: Urocortin in the synovial tissue of patients with rheumatoid arthritis. Clin Sci. 100: 577-589, 2001.</p> <p>④<u>Uzuki M</u>, Watanabe T, Katsura Y and Sawai T: Quantitative histochemical study of hyalurinic acid binding protein and the activity of uridine diphosphoglucose dehydrogenase in the synovium of patients with rheumatoid arthritis. Anal Quant Cytol Histol. 21:75-80, 1999.</p> <p>⑤文部科学省科学研究費補助金「課題名：生物学的製剤投与による関節リウマチの病理学的変化と疾患特異的な細胞」2012-2014年度.</p>

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氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
鎌滝 章央	病理学講座先進機能病理学分野	助教	博士（農学）	基礎医学、応用生物化学	<p>①Kamataki A, Yoshida W, Ishida M, Murakami K, Ochi K, Sawai T.: Simple method using gelatin-coated film for comprehensively assaying gelatinase activity in synovial fluid. / In Principles of Osteoarthritis- Its Definition, Character, Derivation and Modality-Related Recognition, 1st ed., edited by B. M. Rothschild. InTech (Book). 419-428, 2012</p> <p>②Mimata Y, Kamataki A, Oikawa S, Murakami K, Uzuki M, Shimamura T, Sawai T. (The first two authors contributed equally to this study): Interleukin-6 upregulates expression of ADAMTS-4 in fibroblast-like synoviocytes from patients with rheumatoid arthritis. / Int J Rheum Dis. 15(1), 36-44, 2012</p> <p>③鎌滝章央, 澤井高志. 膠原病の診断と病理検査の意義. / 病理と臨床 31(7): 723-726 (2013)</p> <p>④鎌滝章央, 村上賢也, 澤井高志. RAにおける骨・軟骨破壊の病理. / リウマチ科. 45(5): 554-9 (2011)</p> <p>⑤文部科学省科学研究費補助金 若手研究B「課題名: 関節リウマチにおける破軟骨細胞の解明」2013-2014年度</p>
三浦 康宏	病理学講座先進機能病理学分野	助教	博士（医学）	人体病理学	<p>①Miura Y, Kamataki A, Uzuki M, Sasaki T, Nishizawa J, Sawai T: Terahertz-wave spectroscopy for precise histopathological imaging of tumor and non-tumor lesions in paraffin sections. Tohoku J Exp Med. 223: 291-6 (2011)</p> <p>②Uzuki M, Kamataki A, Watanabe M, Sasaki N, <u>Miura Y</u>, Sawai T: Histopathological analysis of esophageal muscular layers from 27 autopsy cases with mixed connective tissue disease (MCTD). Pathology - Research and Practice 207 :383-90 (2011)</p> <p>③Ouchi N, Uzuki M, Kamataki A, <u>Miura Y</u>, Sawai T : Cartilage destruction is partly induced by the internal proteolytic enzymes and apoptotic phenomenon of chondrocytes in relapsing polychondritis. J Rheum. 38(4): 730-37 (2011)</p> <p>④Nishizawa J, Sasaki T, Suto K, Yamada T, Tanabe T, Tanno T, Sawai T, <u>Miura Y</u> : THz imaging of nucleobases and cancerous tissue using a GaP THz-wave generator. Optic communications 244 : 469-74 (2005)</p> <p>⑤Miura Y, Kurose A, Kondo M, Maruyama A, Shibata Y, Kanno H, Sawai T : Clear cell myoepithelial carcinoma of the breast : A case report. Tohoku J Exp Med. 200 : 103-9 (2003)</p>