

主な研究課題・発表代表論文

分子病理学講座（旧病理学第二講座）Molecular Pathology

研究領域 先端分子応用医科学

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主な研究課題

- ・分子腫瘍学（がんの遺伝子変異，がんの浸潤・転移等）
- ・消化管上皮の分化，増殖，再生に関わる因子の研究
- ・ヒトがんの分子細胞遺伝学的研究
- ・病理診断に役立つ分子病理診断法（遺伝子診断，サイトメトリー等）の開発
- ・バーチャルスライド，遠隔病理診断技術の開発

発表代表論文

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- 2) Histological characteristics of matrix metalloproteinase-9 and tissue inhibitor of metalloproteinases-1 in asthmatic murine model during A(H1N1)pdm09 infection.
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- 3) Cathepsin B is highly expressed in pancreatic cancer stem-like cells and is associated with patients' surgical outcomes.
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- 4) Enhanced airway hyperresponsiveness in asthmatic children and mice with A(H1N1)pdm09 infection.
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- 6) Fujimoto Y., et al, Pulmonary inflammation and cytokine dynamics of bronchoalveolar lavage fluid from a mouse model of bronchial asthma during A(H1N1)pdm09 influenza infection. *Scientific Reports*, 2017 Aug 22;7(1):9128.
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