

## 研究成果の刊行に関する一覧表

## 雑誌

| 発表者氏名   | 論文タイトル名   | 発表誌名              | 巻号  | ページ       | 出版年      |
|---|---|-------------------|-----|-----------|----------|
| Terracina KP, Aoyagi T, Huang W, Nagahashi M, Yamada A, <u>Aoki K</u> , Takabe K.                         | Development of a metastatic murine colon cancer model.  | J Surg Res        |     |           | in press |
| Narumi K, Miyakawa R, Ueda R, Hashimoto H, Yamamoto Y, Yoshida T, <u>Aoki K</u> .                         | Pro-inflammatory proteins S100A8/S100A9 activate natural killer cells via Interaction with a receptor of advanced glycation endproduct. | J Immunol         | 194 | 5539-5548 | 2015     |
| Hashimoto H, Ueda R, Narumi K, Heike Y, Yoshida T, <u>Aoki K</u> .  | Type I IFN gene delivery suppresses regulatory T cells within tumors.   | Cancer Gene Ther  | 21  | 532-541   | 2014     |
| Yamamoto Y, Hiraoka N, Goto N, Rin Y, Miura K, Narumi K, <u>Uchida H</u> , Tagawa M, <u>Aoki K</u> .      | A targeting ligand enhances infectivity and cytotoxicity of an oncolytic adenovirus in human pancreatic cancer tissues.                 | J Control Release | 192 | 284-293   | 2014     |
| Inagawa Y, Yamada K, Yugawa Y, Ohno S, Hiraoka N, Esaki M, Shibata T, <u>Aoki K</u> , Sayama Y, Kiyono T. | A human cancer xenograft model utilizing normal pancreatic duct epithelial cells conditionally transformed with defined oncogenes.      | Carcinogenesis    | 35  | 1840-1846 | 2014     |
| Yamamoto Y, Goto N, Miura K, Narumi K, Ohnami S, Ushida H, Miura Y, Yamamoto M, <u>Aoki K</u> .           | Development of a novel efficient method to construct an adenovirus library displaying random peptides on the fiber knob.                | Mol Pharmaceutics | 11  | 1069-1074 | 2014     |

|  |   |                        |     |           |      |
|--|---|------------------------|-----|-----------|------|
| Aida K, Miyakawa R, Suzuki K, Narumi K, Udagawa T, Yamamoto Y, Chikaraishi T, Yoshida T, <u>Aoki K.</u>  | Suppression of Tregs by anti-GITR antibody enhances the antitumor immunity of IFN- $\alpha$ gene therapy for pancreatic cancer.   | Cancer Sci             | 105 | 159-167   | 2014 |
| Takagi-kimura M, Yamano T, <u>Tagawa M.</u> , Kubo S.  | Oncolytic virotherapy for osteosarcoma using midkine promoter-regulated adenoviruses.   | Cancer Gene Ther       | 21  | 126-132   | 2014 |
| <u>Tagawa M.</u> , Shirane K, Yu L, Sato T, Furukawa S, <u>Mizuguchi H.</u> , Kuji R, Kawamura K, Takahashi N, Kato K, Hayakawa S, Sawada S, Furukawa K. | Enhanced expression of the $\beta$ 4-galactosyltransferase 2 gene impairs mammalian tumor growth.   | Cancer Gene Ther       | 21  | 219-227   | 2014 |
| Fukamachi T, Ikeda S, Saito H, <u>Tagawa M.</u> , Kobayashi H.   | Expression of acidosis-dependent genes in human cancer nests.   | Mol Clin Oncol         | 2   | 1160-1166 | 2014 |
| Suzuki T, Kawamura K, Li Q, Okamoto S, Tada Y, Tatsumi K, Shimada H, Hiroshima K, Yamaguchi N, <u>Tagawa M.</u>  | Mesenchymal stem cells are efficiently transduced with adenoviruses bearing type 35-derived fibers and the transduced cells with the IL-28A gene produces cytotoxicity to lung carcinoma cells co-cultured. | BMC Cancer             | 14  | 713       | 2014 |
| Okamoto S, Jiang Y, Kawamura k, Shingyoji M, Tada Y, Sekine I, Takiguchi Y, Tatsumi K, Kobayashi H, Shimada H, Hiroshima K, <u>Tagawa M.</u>             | Zoledronic acid induces apoptosis and S-phase arrest in mesothelioma through inhibiting Rab family proteins and topoisomerase II actions.   | Cell Death and Disease | 5   | e1517     | 2014 |

|   |  |                           |          |            |          |
|---|--|---------------------------|----------|------------|----------|
| Zhong B, Ma G, Sato A, Shimozato O, Li H, Li Q, Shingyoji M, Tada Y, Tatsumi K, Shimada H, Hiroshima K, Tagawa M.                       | Fas Ligand DNA Enhances a Vaccination Effect by Coadministered DNA Encoding a Tumor Antigen through Augmenting Production of Antibody against the Tumor Antigen.                           | J Immunol Res             | Vol.2015 | 743828     | 2015     |
| Li Q, Sato A, Shimozato O, Shingyoji M, Tada Y, Tatsumi K, Shimada H, Hiroshima K, Tagawa M.  | Administration of DNA encoding the interleukin-27 gene augments anti-tumor responses through non-adaptive immunity.  | Scand J Immunol           |          |            | in press |
| Ma G, Zhong B, Okamoto S, Jiang Y, Kawamura K, Liu H, Li Q, Shingyoji M, Sekine I, Tada Y, Tatsumi K, Shimada H, Hiroshima K, Tagawa M. | A combinatory use of adenoviruses expressing melanoma differentiation-associated gene-7 and replication-competent adenoviruses produces synergistic effects on pancreatic carcinoma cells. | Tumor Biol                |          |            | in press |
| Shimizu K, Sakurai F, Tomita K, Nagamoto Y, Nakamura SI, Katayama K, Tachibana M, Kawabata K, Mizuguchi H.                              | Suppression of leaky expression of adenovirus genes by insertion of microRNA-targeted sequences in the replication-incompetent adenovirus vector genome.                                   | Mol Ther Methods Clin Dev | 1        | 14035      | 2014     |
| Hemmi M, Tachibana M, Tsubuki S, Shoji M, Sakurai F, Kawabata K, Kobayama K, Ishii KJ, Akira S, Mizuguchi H.                            | The early activation of CD8+ T cells is dependent on type I IFN signaling following intramuscular vaccination of adenovirus vector.  | Biomed Res Int            | Vol.2014 | 158128     | 2014     |
| Miyagawa Y, Marino P, Verlenia G, Uchida H, Goins WF, Yokota S, Geller DA, Yoshida O, Mester J, Cohen JB, Glorioso JC.                  | Herpes simplex viral-vector design for efficient transduction of nonneuronal cells without cytotoxicity.   | PNAS                      | 112      | E1632-1641 | 2015     |

|   |  |                            |        |           |                        |
|---|--|----------------------------|--------|-----------|------------------------|
| Nishii Y, Yamaguchi M, Kimura A Y, Hasegawa T, Aburatani H, Uchida H, Hirata K, Sakuma Y.   | A newly developed anti-Mucin 13 monoclonal antibody targets pancreatic ductal adenocarcinoma cells.  | Int J Oncol                | 46     | 1781-1787 | 2015                   |
| Mazzacurati L, Marzulli M, Reinhardt B, Miyagawa Y, Uchida H, Goins WF, Lisi A, Kaur B, Cui aliigiuri M, Crippa T, Chiocca N, Amankulor N, Cohen JB, Glorioso JC, Grandi P.   | Use of miRNA response sequences to block off-target replication and increase the safety of an unattended, glioblastoma-targeted oncolytic HSV. | Mol Ther                   | 23     | 99-107    | 2014                   |
| Yamaguchi M, Nishii Y, Nakamura K, Aoki H, Hirai S, Uchida H, Sakuma Y, Hamada H.   | Development of a sensitive screening method for selecting monoclonal antibodies to be internalized by cells.                                   | Biochem Biophys Res Commun | 454    | 600-603   | 2014                   |
| Okazaki Y, Wang Y, Tanaka H, Mizuno M, Nakamura K, Kanehisa H, Kanehisa H, Uchida K, Kikkawa F, Hori M, Toyokuni S.   | Direct exposure of non-equilibrium atmospheric pressure plasma confers simultaneous oxidative and ultraviolet modifications in biomolecules.   | J Clin Biochem Nutr        | Vol.55 | 207-215   | 2014                   |
| Torii K, Yamada S, Nakamura K, Tanaka H, Kajiyama H, Tanahashi K, Iwata N, Kanda M, Kobayashi D, Tanaka C, Fujii T, Nakayama G, Koike M, Sugimoto H, Nomoto S, Natsume A, Fujiwara M, Mizuno M, Hori M, Sayama H, Kodera Y. | Effectiveness of plasma treatment on gastric cancer cells.   | Gastric Cancer             |        |           | 2014<br>Publish online |

|  |   |          |      |        |      |
|--|---|----------|------|--------|------|
| Cao D, Kishida S, Huang P, Mu P, Tsubota S, <u>Mizuno M</u> , Kadomatsu K. | A new tumorsphere culture condition restores potentials of self-renewal and metastasis of primary neuroblastoma in a mouse neuroblastoma model. | PLoS One | 9(1) | e86813 | 2014 |
|--|---|----------|------|--------|------|