

【Academic Papers】

1. 調製ディスク泳動法による蛋白質の精製
竹尾和典, 鈴野亮輔, 藤本正憲, 桑原 亮, 緒方幡典, 中村和行
山口大蛋研年報, 7, 5 (1978)
2. Study of the Interaction between Phosphorylase and Hydrophobic Groups by means of Affinity Electrophoresis
Nakamura K, Kuwahara A, and Takeo K.
J. Chromatography, 171, 89 (1979)
3. Study of the Interaction between LDH-Isoenzyme and Immobilized 8-Substituted 5' -AMP by Means of Affinity Electrophoresis
Nakamura K, Kuwahara A, Ogata H, and Takeo K.
J. Chromatogr., 192, 351 (1980)
4. Study of the Interaction between NADP-dependent Dehydrogenase and Immobilized 2' -AMP by Means of Affinity Electrophoresis
Nakamura K, Kuwahara A, Ogata H, and Takeo K.
J. Chromatogr., 196, 85 (1980)
5. Affinity electrophoresis による固定化アデニンヌクレオチド誘導体と NAD+-及び NADP+-依存性脱水素酵素との特異結合反応の解析 I, 水溶性高分子リガンドである 2' -AMP 及び 5' -AMP アクリルアミド共重合体の合成
中村和行
山口医学, 30, 251 (1981)
6. Affinity electrophoresis による固定化アデニンヌクレオチド誘導体と NAD+-及び NADP+-依存性脱水素酵素との特異結合反応の解析 II. NAD+-及び NADP+-依存性脱水素酵素の固定化 2' -AMP 及び 5' -AMP に対する解離定数の算出
中村和行
山口医学, 30, 259 (1981)
7. Calculation of the Thermodynamic Constants of Concanavalin A-Carbohydrate Interactions by Means of Affinity Electrophoresis
Takeo K, Fujimoto M, Kuwahara A, Suzuno R, and Nakamura K.
Proceedings of Internatl. Conference on Electrophoresis, 3, 33 (1981)
8. 恒温ディスク電気泳動装置—コンカナバリン A の糖結合反応の熱力学的解析への応用
竹尾和典, 鈴野亮輔, 藤本正憲, 桑原 亮, 中村和行
生物物理化学, 26, 173 (1982)

9. Two-Dimensional Affinity Electrophoresis : Its Application to Separation of Individual Immunoglobulins from Heterogeneous Antibodies
Takeo K, Suzuno R, Tanaka T, Fujimoto M, Kuwahara A, and Nakamura K.
Protides of the Biological Fluids, 32, 969 (1984)
10. Heterogeneity of Rabbit Anti-DNP Antibody Studied by Two-Dimensional Affinity Electrophoresis
Takeo K, Suzuno R, Tanaka T, Fujimoto M, Kuwahara A, and Nakamura K.
Electrophoresis ' 83, 627 (1984)
11. Thermodynamic Analysis of Mouse Myeloma Protein, MOPC-315 by Affinity Electrophoresis
Takeo K, Tanaka T, Suzuno R, Nakamura K, Kuwahara A, and Fujimoto M.
Electrophoresis ' 84, 144 (1984)
12. P-450 Inactivation of Glutamine Synthetase
Nakamura K, Oliver CN, and Stadtman ER.
Fed. Proc., 42, 1773 (1983)
13. Oxidative Inactivation of Glutamine Synthetase
Nakamura K, and E. R. Stadtman.
Proc. Natl. Acad. Sci. USA., 81 (2011) (1984)
14. Inactivation of Glutamine Synthetase by a Purified Rabbit Liver Microsomal Cytochrome P-450 System
Nakamura K, C. Oliver, and E. R. Stadtman.
Arch. Biochem. Biophys., 240, 319 (1985)
15. Microassay for Proteins on Nitrocellulose Filter Using Protein-Dye-Staining Procedure
Nakamura K, Tanaka T, Kuwahara A, and Takeo K.
Anal. Biochem., 148, 311 (1985)
16. Affinity 電気泳動法による脱水素酵素一補酵素結合反応の解析
中村和行
山口医学, 34, 85 (1985)
17. An Approach to Standardization of Affinity Electrophoresis for Con A-Carbohydrate Interaction-Part II : Effect of pH and Metal Ions on the Interactions between Concanavalin A and Carbohydrate.
Takeo K, Fujimoto M, Suzuno R, Tanaka T, Nakamura K, and Kuwahara A.
Lectins, 4, 213 (1985)

18. ニトロセルロース膜を用いたタンパク微量測定法
中村和行, 田中経彦, 藤本正憲, 桑原 亮, 鈴野亮輔, 鈴木 公, 竹尾和典
山口医学, 34, 373 (1985)
19. Thermodynamic analysis of the interaction of a mouse dinitrophenyl-specific myeloma protein, MOPC-315, with immobilized dinitrophenyl and trinitrophenyl ligands by affinity electrophoresis
Tanaka T, Suzuno R, Nakamura K, Kuwahara A, and Takeo K.
Electrophoresis, 7, 204 (1986)
20. Isolation of individual immunoglobulins from rabbit anti-Dnp antibodies
Takeo K, Suzuno R, Tanaka T, Nakamura K, and Kuwahara A.
Biol. Chem. Hoppe-Seyl, 367, Supplement, 253 (1986)
21. Separation and characterization of individual immunoglobulins from heterogeneous antibodies by means of affinity electrophoresis
Takeo K, Suzuno R, Tanaka T, Nakamura K, and Kuwahara A.
Electrophoresis '86, 233 (1986)
22. Untersuchung der Heterogenität von Antikörpern mittels der Zwei-Dimensionalen Affinitätselektrophorese
Takeo K, Tanaka T, Nakamura K, and Kuwahara A.
Elektrophorese Forum '87 p129-133
Deutsche Gesellschaft für Elektrophorese München 26-28 October, (1987)
23. Anwendung der Zwei-Dimensionalen Affinitätselektrophorese auf die Trennung von Hoch-Heterogenen Anti-DNP-Antikörpern
Takeo K, Suzuno R, Tanaka T, Nakamura K, Kuwahara A, and Fujimoto M.
Elektrophorese Forum '87 p486
Deutsche Gesellschaft für Elektrophorese München 26-28, (1987. 10)
24. Improved separation of alpha chains of collagen type I, type III and type V by non-interrupted electrophoresis using thioglycolic acid as a negatively charged reducer
Nakamura K, Inoue S, Abiko S, Aoki H, and Takeo K.
Electrophoresis, 10, 29 (1989)
25. A simple method for determination of the concentration of anti-dextran IgG in antiserum by means of affinity electrophoresis
Tanaka T, Nakamura K, and Takeo K.
Electrophoresis, 10, 178 (1989)

26. Complete Separation of Anti-hapten Antibodies by Two-Dimensional Affinity Electrophoresis
Takeo K, Suzuno R, Tanaka T, and Nakamura K.
Electrophoresis, 10, 813 (1989)
27. Studies on the Heterogeneity of Anti-hapten Antibodies by Means of Two-Dimensional Affinity Electrophoresis
Takeo K, Tanaka T, Nakamura K, and Suzuno R.
Electrophoresis, 10, 818 (1989)
28. Characterization of Protein Binding to Nitrocellulose Membrane
Nakamura K, Tanaka T, and Takeo K.
The Physico-Chemical Biology, 33, 293 (1989)
29. Hydrophobic Chromatography of Protein using a Nitrocellulose Membrane
Nakamura K, Tanaka T, and Takeo K.
The Physico-Chemical Biology, 33, 305 (1989)
30. 2次元親和電気泳動法による抗ハプテン抗体の分離
中村和行, 鈴野亮輔, 田中経彦, 藤本正憲, 三村雄輔, 竹尾和典
生物物理化学, 34, 329 (1990)
31. コラーゲンの修飾と代謝
中村和行
山口老年医学総合研究所年報, 4, 11 (1990)
32. Degradation of collagen type I by gamma-irradiation and its biological significance
Nakamura K, Ebe K, Nakanishi T, and Takeo K.
Ann. Rep. Yamaguchi Res. Inst. Gerontol., 4, 21 (1990)
33. 2次元親和電気泳動法
竹尾和典, 中村和行, 鈴野亮輔, 田中経彦, 三村雄輔
生物物理化学, 35, 1 (1991)
34. ニトロセルロース膜を用いた蛋白質の疎水性に関する研究
中村和行
生物物理化学, 35, 169 (1991)
35. 親和電気泳動法による生物特異相互反応の熱力学的解析
竹尾和典, 藤本正憲, 鈴野 公, 田中経彦, 中村和行, 柏木史郎
生物物理化学, 35, 291 (1991)
36. 親和電気泳動法による血漿フィブロネクチンとゼラチンの結合様式の解析
柏木史郎, 伊藤治英, 中村和行, 竹尾和典
生物物理化学, 35, 113 (1991)

37. Analysis of the interaction between human plasma fibronectin and gelatin by affinity
Electrophoresis
Kashiwagi S, Nakamura K, Takeo K, Takasago T, Uchimichi A, and Ito H.
Electrophoresis, 12, 420 (1991)
38. Separation of monoclonal antibodies from antihapten antisera by two-dimensional affinity electrophoresis.
Takeo K, Nakamura K, and Suzuno R.
J. Chromatogr., 597, 365-376 (1992)
39. Characterization of the interaction between human plasma fibronectin and collagen by means of affinity electrophoresis
Nakamura K, Kashiwagi S, and Takeo K.
J. Chromatogr., 597, 351-356 (1992)
40. Analysis of the interaction between an α (1 \rightarrow 6) dextran specific mouse hybridoma antibody and dextran B521 by electrophoresis
Mimura Y, Nakamura K, and Takeo K.
J. Chromatogr., 597, 345-350 (1992)
41. Analysis of collagen type III by uninterrupted sodium dodecyl sulfate-poly acrylamide gel electrophoresis and immunoblotting : Changes in collagen type III polymorphism in aging rats
Takasago T, Nakamura K, Kashiwagi S, Inoue S, Ito H, and Takeo K.
Electrophoresis, 13, 373-378 (1992)
42. Analysis of human tear proteins by two-dimensional electrophoresis
Mii S, Nakamura K, Takeo K, and Kurimoto S.
Electrophoresis, 13, 379-382 (1992)
43. Immune response to a hapten of fluorescein isothiocyanate in a hapten isothiocyanate in a single mouse analyzed by two-dimensional affinity electrophoresis
Nakamura K, Mimura Y, and Takeo K.
Electrophoresis, 14, 81-87 (1993)
44. Radiolysis of mouse collagen type I in vitro
Ebe K, Nakamura K, Takeo K, Nakada T, and Nakanishi T.
Bull. Yamaguchi Med. Sch., 40, 11-20 (1993)

45. Heterogeneity of carbonic anhydrase and 68 kDa neurofilament in nerve roots analyzed by two-dimensional electrophoresis
Fujii H, Nakamura K, Takeo K, and Kawai S.
Electrophoresis, 14, 74–78 (1993)
46. Degradation of fibrinogen and fibrin by plasmin and nonplasmin proteases in the chronic subdural hematoma : Evaluation by sodium dodecylsulfate–polyacrylamide gel
Electrophoresis and Immunoblot
Nomura S, Kashiwagi S, Ito H, Mimura Y, and Nakamura K.
Electrophoresis, 14, 1318–1321 (1993)
47. Affinity maturation of anti-hapten antibodies in a single mouse analyzed by two-dimensional affinity electrophoresis
Nakamura K, Mimura Y, Tanaka T, Fujikura Y, and Takeo K.
Electrophoresis, 14, 1338–1340 (1993)
48. cAMP inhibits the insulin-stimulated mitogen-activated protein kinase pathway in rat hepatoma H4E11 cells
Nagasaki Y, Kaku K, Nakamura K, and Kaneko T.
Biochem, Biophys, Res. Commu., 202, 1104–1112 (1994)
49. Analysis on heterogeneity of squamous cell carcinoma antigen by two-dimensional electrophoresis
Abe H, Okuno N, Takeda O, Suminami Y, Kato H, and Nakamura K.
Electrophoresis, 15, 988–991 (1994)
50. Characterization of local hyperfibrinolysis in chronic sub-dural hematomas by SDS-PAGE and immunoblot
Nomura S, Kashiwagi S, Fujisawa H, Ito H, and Nakamura K.
J. Neurosurgery, 81, 910–913 (1994)
51. Microheterogeneity of mouse antidextran monoclonal antibodies
Mimura Y, Elvin A, Kabat, Tanaka T, Fujimoto M, Takeo K, and Nakamura K.
Electrophoresis, 16, 116–123 (1995)
52. The determination of nitrite and nitrate in human blood plasma by capillary zone electrophoresis
Ueda T, Maekawa T, Sadamitsu D, Oshita S, Ogino K, and Nakamura K.
Electrophoresis, 16, 1002–1004 (1995)

53. Serine protease inhibitor activity of recombinant squamous cell carcinoma antigen towards chymotrypsin as demonstrated by sodium dodecyl sulfate-polyacrylamide gel electrophoresis
Nawata S, Tsunaga N, Numa F, Tanaka T, Nakamura K, and Kato H.
Electrophoresis, 16, 1027–1030 (1995)
54. Differential expression of nucleophosmin and stathmin in human T lymphoblastic cell lines, CCRF-CEM and JURKAT analyzed by two-dimensional gel electrophoresis
Nakamura K, Fujimoto M, Tanaka T, and Fujikura Y.
Electrophoresis, 16, 1530–1535 (1995)
55. The new oral hypoglycemic agent, CS-045 inhibits the lipid peroxidation of human plasma low density lipoprotein in vitro
Nagasaki Y, Kaku K, Nakamura K, and Kaneko T.
Biochemical Pharmacology, 50, 1109–1111 (1995)
56. Immune response to different doses of a hapten of fluorescein isothiocyanate analyzed by two-dimensional affinity electrophoresis
Pei Wang, Nakamura K, Mimura Y, Takeo K, Tanaka T, and Fujimoto M.
Electrophoresis, 17, 1273–1279 (1996)
57. Protein degradation in human pure pancreatic juice analyzed by two-dimensional gel electrophoresis
Furui T, Ikeda M, Lia Chao-Ming, Okita K, and Nakamura K.
Electrophoresis, 17, 797–802 (1996)
58. アフィニティーエレクトロフォレーシス（総説）
中村和行
生化学, 68, 265–281 (1996)
59. キャピラリー電気泳動によるヒト血漿 nitrite, nitrate の測定
上田聰子, 前川剛志, 定光大海, 鶴田良介, 中村和行
生物物理化学, 40, 175–181 (1996)
60. Electrophoretic demonstration of high molecular weight fibrin degradation products persisting in chronic subdural hematomas
Tojosawa M, Kashiwagi S, Pei Wang, Fujisawa H, Ito H, and Nakamura K.
Electrophoresis, 18, 118–121 (1997)
61. Adhesion of staphylococci to polymers with and without immobilized heparin in cerebrospinal fluid
Nomura S, Frederik Lundberg, Maria Stollenwerk, Nakamura K, and Asa Ljungh.
J. Biomed Mater. Res., 38, 35–42 (1997)

62. Electrophoretic analysis of the cross-class interaction between novel inhibitory serpin, squamous cell carcinoma antigen-1 and cysteine proteinases
Nawata S, Nakamura K, Tanaka T, Numa F, Suminami Y, Tsunaga N, Kakegawa H, Katunuma N, and Kato H.
Electrophoresis, 18, 784–789 (1997)
63. Association of apolipoprotein allele epsilon 2 with psoriasis vulgaris in Japanese population
Furumoto H, Nakamura K, Imamura T, Hamamoto Y, Shimizu T, Muto M, and Asagami C.
Arch Dermatol Res., 289, 497–500 (1997)
64. Detection of Type III Collagen Fragments in Specimens of Abdominal Aortic Aneurysms
Kuga T, Esato K, Zempo N, Fujioka K, and Nakamura K.
Surg. Today, 28, 385–390 (1998)
65. Evidence of intra-and extracellular modifications of monoclonal IgG polypeptide chains generating charge heterogeneity
Mimura Y, Nakamura K, Tanaka T, and Fujimoto M.
Electrophoresis, 19, 767–775 (1998)
66. Two-Dimensional zymography for analysis of proteolytic enzymes in human pure pancreatic juice
Kaino S, Furui T, Hatano S, Kaino M, Okita K, and Nakamura K.
Electrophoresis, 19, 782–787 (1998)
67. アポトーシス研究における電気泳動法の活用-DNA ラダー検出法とアポトーシス関連小分子蛋白検出法-（実験講座シリーズ part-2）
中村和行, 藤本正憲, 長坂祐二, 田中経彦
生物物理化学, 42, 1–11 (1998)
68. ヒト VLDL の酸化修飾と 4-hydroxy 2-nonenal を介したアポリポ蛋白 E3 の分子間架橋に及ぼすヘパリンの影響
中村和行, 原 伸一, 田中経彦, 星井嘉信, 山田通夫, 石原得博, 長坂祐二
生物物理化学, 42, 27–34 (1998)
69. Effects of carrier and hapten array on the production of anti-hapten antibodies analyzed by two-dimensional affinity electrophoresis
Pei Wang, and Nakamura K.
Electrophoresis, 19, 1506–1510 (1998)

70. Highly cationic anti-DNA antibodies in patients with lupus nephritis analyzed by two-dimensional electrophoresis and immunoblotting
Kohro-Kawata J, Pei Wang, Kawata Y, Matsuzaki M, and Nakamura K.
Electrophoresis, 19, 1511–1515 (1998)
71. α 1-Antichymotrypsin inhibits chymotrypsin-induced apoptosis in rat hepatoma cells
Emoto T, Nakamura K, Nagasaka Y, Numa F, Suminami Y, and Kato H.
Apoptosis, 3, 155–160 (1998)
72. Apolipoprotein E is present in primary localized cutaneous amyloidosis
Furumoto H, Shimizu T, Asagami C, Muto M, Takahashi M, and Nakamura K.
J. Invest. Dermatol., 111, 417–421 (1998)
73. Analysis of heat shock-induced monophosphorylation of stathmin in human T lymphoblastic cell line JURKAT by two-dimensional gel electrophoresis
Fujimoto M, Nagasaka Y, Tanaka T, and Nakamura K.
Electrophoresis, 19, 2515–2520 (1998)
74. Modulation of the heat-induced activation of mitogen activated protein (MAP) kinase by Quercetin
Nagasaka Y, and Nakamura K.
Biochem. Pharmacol., 56, 1151–1155 (1998)
75. SCC腫瘍マーカーの発現とその機能解析
繩田修吾, 加藤 紘, 中村和行
生物物理化学, 42, 259–263 (1998)
76. Affinity electrophoresis and its applications to studies of immune response (Review)
Nakamura K, and Takeo K.
J. Chromatogr. B, 715, 125–136 (1998)
77. Identification of squamous cell carcinoma antigen-2 in tumor tissue by two-dimensional electrophoresis
Nawata S, Murakami A, Hirabayashi K, Sakaguchi Y, Ogata H, Suminami Y, Numa F, Nakamura K, and Kato H.
Electrophoresis, 20, 614–617 (1999)
78. Electrophoretic analysis of oxidative modification of apolipoprotein E in very low density lipoprotein from fresh human plasma
Kashiwagi S, Nakamura K, Arai H, Yamashita H, and Ito H.
Electrophoresis, 20, 1418–1424 (1999)

79. Oxidative modification of apolipoprotein E in human very low density lipoprotein and its inhibition by glycosaminoglycans
Arai H, Kashiwagi S, Nagasaka Y, Uchida K, Hoshii Y, and Nakamura K.
Arch. Biochem. Biophys., 367, 1–8 (1999)
80. VLDL の酸化修飾とグリコサミノグリカンによる抑制
新井博文, 柏木史郎, 長坂祐二, 内田浩二, 星山嘉信, 福永健治, 中村和行
微量栄養素研究, 16, 153–158 (1999)
81. Differential expression of phosphatidylethanolamine binding protein in rat hepatoma cell lines-Analyses of tumor necrosis factor- α -resistant cKDH8/11 and sensitive KDH-8/YK cells by two-dimensional gel electrophoresis
Kuramitsu Y, Fujimoto M, Tanaka T, Ohata J, and Nakamura K.
Electrophoresis, 21, 660–664 (2000)
82. 肝纖維化と発癌
坂井田功, 中村和行, 沖田 極
生物物理化学, 44, 131–134 (2000)
83. 生体物質の分析とナノテクノロジーの融合
中村和行
空気清浄, 38, 261–264 (2000)
84. VLDL 中のアポリポプロテイン E の酸化とその抑制
新井博文, 長坂祐二, 柏木史郎, 古元礼子, 中村和行
生物物理化学, 44, 271–275 (2000)
85. 免疫研究の新たな展開のためのヒト主要組織適合抗原複合体 (HLA) (2)
—免疫異常症への応用—
武藤正彦, 一宮 誠, 古元礼子, 中村和行
西日本皮膚科, 62, 655–661 (2000)
86. Calcium concentration and artificial precipitates in human pancreatic juice
Furui T, Kondoh S, Harada T, Takeuchi K, Shiraishi K, Kaino S, Okubo S,
Okita K, and Nakamura K.
Pancreas, 21, 257–261 (2000)
87. Effects of Glucocorticoids on Rat Thymus and Apoptosis
Takai K, Shiraishi K, Fujikawa K, Hiragino T, Konishi A, Aoki A, Suga A,
Fujimoto M, Nakamura K, and Naito K.
Transplantation Proceedings, 32, 2082–2085 (2000)

88. Non-denaturing two-dimensional electrophoretic analysis of loop-sheet polymerization of serpin, squamous cell carcinoma antigen-2
Nawata S, Suminami Y, Hirakawa H, Murakami A, Ogata H, Numa F, Fujimoto M, Tanaka T, Nakamura K, and Kato H.
Electrophoresis, 22, 161–164 (2001)
89. Electrophoretic characterization of heat-stable squamous cell carcinoma antigen
Nawata S, Suminami Y, Hirakawa H, Murakami A, Umayahara K, Ogata H, Numa F, Nakamura K, and Kato H.
Electrophoresis, 22, 3522–3526 (2001)
90. 電気泳動法を利用した扁平上皮癌組織中 SCC 抗原-1 蛋白の熱安定性の解析
繩田修吾・住浪義則・平川 宏・馬屋原健司・尾縣秀信・沼 文隆・中村和行・
加藤 紘
生物物理科学, 45, 287–289 (2001)
91. Hydrogen peroxide induced chemokine production in the glia-rich cultured cerebellar granule cells under acidosis
Miura I, Miyamoto K, Nakamura K, and Watanabe Y.
Life Sciences, 70, 821–832 (2002)
92. Lipoproteins modulate growth and differentiation of cultured human epidermal keratinocytes
Furumoto H, Arai H, Kuramitsu Y, Saeki Y, Gondo T, Ishihara T, Shimizu T, Fujimoto M, and Nakamura K.
Electrophoresis, 23, 161–166 (2002)
93. Heat stress-induced loss of eukaryotic initiation factor 5A (eIF-5A) in a human pancreatic cancer cell line, MIA PaCa-2, analyzed by two-dimensional gel electrophoresis
Takeuchi K, Nakamura K, Fujimoto M, Kaino S, Kondoh S, and Okita K.
Electrophoresis, 23, 662–669 (2002)
94. Inhibition of heat-induced phosphorylation of stathmin by the bioflavonoid quercetin
Nagasaki Y, Fujimoto M, Arai H, and Nakamura K.
Electrophoresis, 23, 670–673 (2002)

95. Electrophoretic studies on the phosphorylation of stathmin and mitogen-activated protein kinases in neuronal cell death induced by oxidized very-low-density lipoprotein with apolipoprotein E
Yamashita H, Nakamura K, Arai H, Furumoto H, Fujimoto M, Kashiwagi S, and Morimatsu M.
Electrophoresis, 23, 998–1004 (2002)
96. プロテオミクス研究におけるタンパク質の分離精製
中村和行
医学のあゆみ, 202, 285–289 (2002)
97. アポトーシスとプロテオミクス
蔵満保宏, 中村和行
医学のあゆみ, 202, 343–346 (2002)
98. アポトーシスのプロテオーム解析
蔵満保宏, 藤本正憲, 中村和行
山口医学, 51, 113–117 (2002)
99. Apolipoprotein E4 is associated with primary localized cutaneous amyloidosis
Furumoto H, Shimizu T, Muto M, Hashimoto Y, and Nakamura K.
J. Invest. Dermatol., 119 (2), 532–533 (2002)
100. A signaling pathway by a new synthetic lipid A analog, ONO-4007, in RAW 264.7 cells
Saito Y, Kuramitsu Y, Arai H, Fujimoto M, Hashimoto Y, Ita M, Hayatsu Y, Shinozaki F, and Nakamura K.
Anti-Cancer Drugs, 13 (10), 1069–1075 (2002)
101. ポストゲノム時代のプロテオミクスに力を発揮する2次元電気泳動法
中村和行
日経サイエンス, 11, 114, 2002
102. Effect of alpha-tocopherol on the oxidative modification of apolipoprotein E in human very-low-density lipoprotein.
Arai H, Uchida K, Fukunaga K, Nagasaka Y, Mohri S, Furumoto H, Kuramitsu Y, and Nakamura K.
Bioscience Biotechnology Biochemistry, 67 (2), 402–405 (2003)
103. Electrophoretic analysis of the cleaved form of serpin, squamous cell carcinoma antigen-1 in normal and malignant squamous epithelial tissues.
Nawata S, Nakamura K, Hirakawa H, Sueoka K, Emoto T, Murakami A, Umayahara K, Ogata H, Suminami Y, Numa F, and Kato H.
Electrophoresis. 2003 Jul ; 24 (14) : 2277–82.

104. Rapid subpicogram protein detection on a microchip without denaturing.
Tabuchi M, Kuramitsu Y, Nakamura K, and Baba Y.
Journal of Proteome Research, 2 (4) , 431–435 (2003)
105. A 15-s protein separation employing hydrodynamic force on a microchip.
Tabuchi M, Kuramitsu Y, Nakamura K, and Baba Y.
Analytical Chemistry, 75 (15) , 3799–3805 (2003)
106. Proteomic profiling of heat shock protein 70 family members as biomarkers for hepatitis C virus-related hepatocellular carcinoma.
Takashima T, Kuramitsu Y, Yokoyama Y, Iizuka N, Toda T, Saiakida I, Okita K, Oka M, and Nakamura K.
Proteomics, 3 (12) , 2487–2493 (2003)
107. Proteomic profiling of proteins decreased in hepatocellular carcinoma from Patients infected with hepatitis C virus.
Yokoyama Y, Kuramitsu Y, Takashima T, Iizuka N, Toda T, Terai S, Sakaida I, Oka M, Nakamura K, and Okita K.
Proteomics, 4 (7) , 2111–2116 (2004)
108. Effect of L-ascorbic acid on the oxidative modification of apolipoprotein E in human very-low-density lipoprotein.
Arai H, and Nakamura K.
Journal of Nutritional Science and Vitaminology, 50 (1) , 66–68 (2004)
109. ERK1/2 regulates intracellular ATP levels through alpha-enolase expression in cardio-myocytes exposed to ischemic hypoxia and reoxygenation.
Mizukami Y, Iwamatsu A, Aki T, Kimura M, Nakamura K, Nao T, Okusa T, Matsuzaki M, Yoshida K, and Kobayashi S.
Journal of Biological Chemistry, 279 (48) , 50120–50131 (2004)
110. 肝発癌とプロテオミクス
藏満保宏, 中村和行
肝胆膵, 48 (4) , 455–461 (2004)
111. がんプロテオミクス
藏満保宏, 中村和行
生化学, 76 (10) , 1353–1358 (2004)
112. ゲノムからプロテオームへ：ヒトプロテオミクスの目的
中村和行
生化学, 76 (10) , 1271–1274 (2004)

113. マイクロチップ電気泳動によるタンパク質分析の臨床応用への展望
田渕眞理, 藏満保宏, 中村和行, 馬場嘉信
Journal of Electrophoresis (生物物理化学), 48 (3), 85–87 (2004)
114. 肝細胞癌のプロテオミクス
藏満保宏, 中村和行
Journal of Electrophoresis (生物物理化学), 48 (3), 93–97 (2004)
115. Proteomic profiling for cancer progression : Differential display analysis for The expression of intracellular proteins between regressive and progressive cancer cell lines.
Hayashi E, Kuramitsu Y, Okada F, Fujimoto M, Zhang X, Kobayashi M, Iizuka N, Ueyama Y, and Nakamura K.
Proteomics, 5 (4), 1024–1032 (2005)
116. Overexpression of alpha enolase in hepatitis C virus-related hepatocellular carcinoma : association with tumor progression as determined by proteomic analysis.
Takashima T, Kuramitsu Y, Yokoyama Y, Iizuka N, Fujimoto M, Nishisaka T, Sakaida I, Okita K, Oka M, and Nakamura K.
Proteomics, 5 (6), 1686–1692 (2005)
117. Effect of ascorbate on acrolein modification of very low density lipoprotein and uptake of oxidized apolipoprotein E by hepatocytes.
Arai H, Uchida K, and Nakamura K.
Bioscience Biotechnology and Biochemistry, 69 (9), 1760–1762 (2005)
118. 1st Workshop for Human Diseases Glycomics/Proteomics Initiative of HUPO.
Nakamura K.
Expert Review of Proteomics, 1 (4), 393–395 (2005)
119. Current progress in proteomic study of hepatitis C virus-related human hepatocellular carcinoma.
Kuramitsu Y, and Nakamura K.
Expert Review of Proteomics, 2 (4), 589–601 (2005)
120. 肝細胞癌のプロテオミクス
横山雄一郎, 坂井田功, 藏満保宏, 中村和行, 沖田 極
肝臓, 46 (10), 28–34 (2005)
121. 肝疾患のプロテオミクス
藏満保宏, 中村和行
「遺伝子医学」MOOK2, 228–232 (2005)

122. Human Diseases Glycomics/Proteome Initiative Workshop and the 4th HUPO Annual Congress.
Taniguchi N, Nakamura K, Narimatsu H, von der Lieth CW, and Paulson J. *Proteomics*, 6 (1) , 12–13 (2006)
123. Proteomic analysis of serum marker proteins in recipient mice with liver cirrhosis after bone marrow cell transplantation.
Yokoyama Y, Terai S, Ishikawa T, Aoyama K, Urata Y, Marumoto Y, Nishina H, Nakamura K, Okita K, and Sakaida I. *Proteomics*, 6 (8) , 2564–2570 (2006)
124. Increased expression and phosphorylation of liver glutamine synthetase in well-differentiated hepatocellular carcinoma tissues of patients infected with hepatitis C virus.
Kuramitsu Y, Harada T, Takashima M, Yokoyama Y, Hidaka I, Iizuka N, Toda T, Fujimoto M, Zhang X, Sakaida I, Okita K, Oka M, and Nakamura K. *Electrophoresis*, 27 (8) , 1651–1658 (2006)
125. Proteomic analysis of macrophages stimulated by LPS : LPS inhibits the cleavage of nucleophosmin.
Zhang X, Kuramitsu Y, Fujimoto M, Hayashi E, Yuan X, and Nakamura K. *Electrophoresis*, 27 (8) , 1659–1668 (2006)
126. Analysis on heat stress-induced hyperphosphorylation of stathmin at serine 37 in Jurkat cells by means of two-dimensional gel electrophoresis and tandem mass spectrometry.
Nakamura K, Zhang X, Kuramitsu Y, Fujimoto M, Yuan X, Akada J, Aoshima-Okuda M, Mitani N, Itoh Y, Katoh T, Morita Y, Nagasaka Y, Yamazaki Y, Kuriki T, and Sobel A. *Journal of Chromatography A*, 1106 (1–2) , 181–189 (2006)
127. Protein level of apolipoprotein E increased in human hepatocellular carcinoma.
Yokoyama Y, Kuramitsu Y, Takashima M, Iizuka N, Terai S, Oka M, Nakamura K, Okita K, and Sakaida I. *International Journal of Oncology*, 28 (3) , 625–631 (2006)
128. Proteomic analysis of autoantibodies in patients with hepatocellular carcinoma.
Takashima T, Kuramitsu Y, Yokoyama Y, Iizuka N, Fujimoto M, Sakaida I, Okita K, Oka M, and Nakamura K. *Proteomics*, 6 (13) , 3894–3900 (2006)

129. Comparative 2-DE proteomic analysis clarified that the stability of ITIH4 is decreased under the storage at 4°C.
Zhang X, Kuramitsu Y, Fujimoto M, and Nakamura K.
Journal of Electrophoresis, 50 (1), 13–17 (2006)
130. Different expression patterns of intact forms of squamous cell carcinoma antigens-between normal and malignant cervical squamous epithelial tissues : nondenaturing polyacrylamide gel electrophoretic analysis.
Nawata S, Murakami A, Torii M, Nakagawa T, Sueoka K, Takeda O, Suminami Y, Nakamura K, Kato H, and Sugino N.
Oncology Report, 16 (2), 399–404 (2006)
131. A novel approach of protein immobilization for protein chips using an oligo-cysteine tag.
Ichihara T, Akada J. K, Kamei S, Ohshiro S, Sato D, Fujimoto M, Kuramitsu Y, and Nakamura K.
Journal of Proteome Research, 5 (9), 2144–2151 (2006)
132. Proteomic analysis of cancer tissues : shedding light on carcinogenesis and possible biomarkers.
Kuramitsu Y, and Nakamura K.
Proteomics, 6, 5650–5661 (2006)
133. 肝癌の臨床とプロテオミクス
中村和行, 藏満保宏
細胞, 38 (11), 15–19 (2006)
134. Comparison of the methods for profiling glycoprotein glycans : HUPO HGPI (Human Proteome Organisation Human Disease Glycomics/Proteome Initiative) multi-institutional study.
Wada Y, Azadi P, Costello CE, Dell A, Dwek RA, Geyer H, Geyer R, Kakehi K, Karlsson NG, Kato K, Kawasaki N, Khoo KH, Kim S, Kondo A, Lattova E, Mechref Y, Miyoshi E, Nakamura K, Narimatsu H, Novotny MV, Packer NH, Perreault H, Peter-Katalinic J, Pohlentz G, Reinhold VN, Rudd PM, Suzuki A, and Taniguchi N.
Glycobiology, 17 (4), 411–22 (2007)

135. Expression of tropomyosin alpha 4 chain is increased in esophageal squamous cell carcinoma as evidenced by proteomic profiling by two-dimensional electrophoresis and liquid chromatography-mass spectrometry/mass spectrometry.
Harada T, Kuramitsu Y, Makino A, Fujimoto M, Iizuka N, Hoshii Y, Takashima M, Tamesa M, Nishimura T, Takeda S, Abe T, Yoshino S, Oka M, and Nakamura K. *Proteomics - Clinical Applications*, 1 (2) , 215-23 (2007)
136. Expression of glycolytic enzymes is increased in pancreatic cancerous tissues as evidenced by proteomic profiling by two-dimensional electrophoresis and liquid chromatography-mass spectrometry/mass spectrometry.
Mikuriya K, Kuramitsu Y, Ryozawa S, Fujimoto M, Mori S, Oka M, Hamano K, Okita K, Sakaida I, and Nakamura K.
International Journal of Oncology, 30 (4) , 849-55 (2007)
137. Nuclear protein profiling of Jurkat cells during heat stress-induced apoptosis by 2-DE and MS/MS.
Yuan X, Kuramitsu Y, Furumoto H, Zhang X, Hayashi E, Fujimoto M, and Nakamura K.
Electrophoresis, 28 (12) , 2018-26 (2007)
138. Stathmin Immobilization on a chip using an oligo-cysteine tag.
Nakamura K.
European Pharmaceutical Review, 12 (2) , 34-39 (2007)
139. Proteomics finding heat shock protein 27 as a biomarker for resistance of pancreatic cancer cells to gemcitabine.
Mori-Iwamoto S, Kuramitsu Y, Ryozawa S, Mikuriya K, Fujimoto M, Maehara S, Maehara Y, Okita K, Nakamura K, and Sakaida I.
International Journal of Oncology, 31 (6) , 1345-1350 (2007 Dec)
140. EGF stimulates Cdc42-dependent translocation of SCC antigen to the plasma membrane.
Emoto T, and Nakamura K.
Biochem Biophys Res Commun, 370 (3) , 495-8 (2008)
141. Increased Expression of HspBP1 and Hsp70 in Human Hepatocellular Carcinoma Tissues.
Yokoyama Y, Kuramitsu Y, Takashima M, Fujimoto M, Iizuka N, Terai S, Okita K, Sakaida I, Oka M, Raynes D.A, Guerriero V, and Nakamura K.
Molecular Medicine Reports, 1, 197-201 (2008)

142. A proteomic profiling of gemcitabine resistance in pancreatic cancer cell lines.
Mori-Iwamoto S, Kuramitsu Y, Ryoza S, Taba K, Fujimoto M, Okita K,
Nakamura K, and Sakaida I.
Molecular Medicine Reports, 1, 429–434 (2008)
143. Down-regulation of two isoforms of ubiquitin carboxyl-terminal hydrolase
isozyme L1 (UCH-L1) correlates with high metastatic potentials of human SN12C
renal cell carcinoma cell clones.
Tanaka T, Kuramitsu Y, Fujimoto M, Naito S, Oka M, and Nakamura K.
Electrophoresis, 29 (12), 2651–2659 (2008)
144. Epstein-Barr virus (EBV) up-regulates phosphorylated heat shock protein
27 kDa (HSP27) in carcinoma cells using the phosphoinositide
3-kinase (PI3K) /Akt pathway.
Fukagawa Y, Nishikawa J, Kuramitsu Y, Iwakiri D, Takada K, Imai S, Satake M,
Okamoto T, Fujimoto M, Okita K, Nakamura K, and Sakaida I.
Electrophoresis, 29 (15), 3192–3200 (2008)
145. The AOHUPO Membrane Proteomics Initiative, Fourth Workshop 22 June 2008 Cairns,
Australia.
Chung M, Nakamura K, and Jordan TW.
Proteomics, 8 (19), 3920–3 (2008)
146. Japan HUPO for Promotion of Global Collaborations in Human Proteomics.
Nakamura K, and Hirano H.
Mol Cell Proteomics, 7 (12), 2486–7 (2008)
147. プロテオミクスによる薬剤耐性関連蛋白質の同定と治療への応用の可能性
藏満保宏, 岩本早耶香, 田場久美子, 良沢昭銘, 藤本正憲, 沖田 極, 坂井田功,
中村和行
生物物理化学, 52 (2), 31–34 (2008)
148. 癌のプログレッションに関する蛋白質の発現プロテオミクスによる同定と機能
プロテオミクスによるプログレッション機構の解析
藏満保宏, 林 英子, 岡田 太, 藤本正憲, 中村和行
W' Waves 日本癌病態治療研究会誌, 14 (1), 74–75 (2008)

149. Proteomic differential display analysis identified upregulated astrocytic phosphoprotein PEA-15 in human differential display analysis identified upregulated astrocytic phosphoprotein PEA-15 in human malignant pleural methothelioma cell lines.
Kuramitsu Y, Miyamoto H, Tanaka T, Zhang X, Fujimoto M, Ueda K, Hamano K, and Nakamura K.
Proteomics, 9 (22) , 5078–89 (2009)
150. Proteomic profiling of differential display analysis for human oral squamous cell carcinoma : 14-3-3 σprotein is upregulated in human oral squamous cell carcinoma and dependent on the differential level.
Hayashi E, Kuramitsu Y, Fujimoto M, Zhang X, Tanaka T, Uchida K, Fukuda T, Furumoto H, Ueyama Y, and Nakamura K.
Proteomics –Clinical Applications–, 3 (11) , 1338–47 (2009)
151. Detection of autoantibodies against cyclophilin A and triosephosphate isomerase in sera from breast cancer patients by proteomic analysis.
Tamesa MS, Kuramitsu Y, Fujimoto M, Maeda N, Nagashima Y, Tanaka T, Yamamoto S, Oka M, and Nakamura K.
Electrophoresis, 30 (12) , 2168–81 (2009)
152. A HUPO test sample study reveals common problems in mass spectrometry-based proteomics.
Bell AW, Deutsch EW, Au CE, Kearney RE, Beavis R, Sechi S, Nilsson T, Bergeron JJ, and HUPO Test Sample Working Group (Fujimoto M, and Nakamura K.)
Nature Methods, 6 (6) , 423–30 (2009)
153. Interferon-gamma down-regulates heat shock protein 27 of pancreatic cancer cells and helps in the cytotoxic effect of gemcitabine.
Mori-Iwamoto S, Taba K, Kuramitsu Y, Ryozawa S, Tanaka T, Maehara Y, Okita K, Nakamura K, and Sakaida I.
Pancreas, 38 (2) , 224–6 (2009)
154. Tumor-related protein, the squamous cell carcinoma antigen binds to the intracellular protein carbonyl reductase.
Murakami A, Fukushima C, Yositomi K, Sueoka K, Nawata S, Fujimoto M, Nakamura K, and Sugino N.
Int J Oncol, 36 (6) , 1395–400 (2010)

155. The Asia Oceania Human Proteome Organisation Membrane Proteomics Initiative. Preparation and characterisation of the carbonate-washed membrane standard. Peng L, Kapp EA, Fenyö D, Kwon MS, Jiang P, Wu S, Jiang Y, Aguilar MI, Ahmed N, Baker MS, Cai Z, Chen YJ, Van Chi P, Chung MC, He F, Len AC, Liao PC, Nakamura K, Ngai SM, Paik YK, Pan TL, Poon TC, Salekdeh GH, Simpson RJ, Sirdeshmukh R, Srisomsap C, Svasti J, Tyan YC, Dreyer FS, McLauchlan D, Rawson P, and Jordan TW. *Proteomics*, 10 (22), 4142–8 (2010)
156. Proteomic analysis for nuclear proteins related to tumour malignant progression : a comparative proteomic study between malignant progressive cells and regressive cells. Kuramitsu Y, Hayashi E, Okada F, Tanaka T, Zhang X, Ueyama Y, and Nakamura K. *Anticancer Res*, 30 (6), 2093–9 (2010)
157. *Helicobacter pylori* CagA inhibits endocytosis of cytotoxin VacA in host cells. Akada JK, Aoki H, Torigoe Y, Kitagawa T, Kurazono H, Hoshida H, Nishikawa J, Terai S, Matsuzaki M, Hirayama T, Nakazawa T, Akada R, and Nakamura K. *Dis Model Mech*, 3 (9–10), 605–17 (2010)
158. Heat-shock protein 27 is phosphorylated in gemcitabine-resistant pancreatic cancer cells. Taba K, Kuramitsu Y, Ryozawa S, Yoshida K, Tanaka T, Maehara S, Maehara Y, Sakaida I, and Nakamura K. *Anticancer Res*, 30 (7), 2539–43 (2010)
159. Identification of up- and down-regulated proteins in gemcitabine-resistant Pancreatic cancer cells using two-dimensional gel electrophoresis and mass spectrometry. Kuramitsu Y, Taba K, Ryozawa S, Yoshida K, Zhang X, Tanaka T, Maehara S, Maehara Y, Sakaida I, and Nakamura K. *Anticancer Res*, 30 (9), 3367–72 (2010)
160. Staining with highly sensitive Coomassie brilliant blue SeePico™ Stain after Flamingo™ fluorescent gel stain is useful for cancer proteomic analysis by means of two-dimensional gel electrophoresis. Kuramitsu Y, Hayashi E, Okada F, Zhang X, Tanaka T, Ueyama Y, and Nakamura K. *Anticancer Res*, 30 (10), 4001–5 (2010)

161. Proteomic differential display analysis shows up-regulation of 14-3-3 sigma protein in human scirrhous-type gastric carcinoma cells.
Kuramitsu Y, Baron B, Yoshino S, Zhang X, Tanaka T, Yashiro M, Hirakawa K, Oka M, and Nakamura K.
Anticancer Res, 30 (11), 4459–65 (2010)
162. C型肝炎ウイルスの感染拡大と肝炎の進行における肝臓アポリポ蛋白 E の役割の解明
古元礼子, 中村和行
三井生命厚生年金事業団第 41 回医学研究助成研究報告集 p37–39、2010.
163. Comparative proteomic profiling in squamous cell carcinoma of the uterine cervix.
Fukushima C, Murakami A, Yoshitomi K, Sueoka K, Nawata S, Nakamura K, and Sugino N.
Proteomics Clin Appl, 5 (3–4), 133–140 (2011)
164. KNK437 down-regulates HSP27 of pancreatic cancer cells, and helps the cytotoxic effect of gemcitabine.
Taba K, Kuramitsu Y, Ryozawa S, Yoshida K, Tanaka T, Mori-Iwamoto S, Maehara S, Maehara Y, Sakaida I, and Nakamura K.
Chemotherapy, 57, 12–16 (2011)
165. Screening for serological biomarkers of pancreatic cancer by two-dimensional electrophoresis and liquid chromatography-tandem mass spectrometry.
Wang Y, Kuramitsu Y, Yoshino S, Takashima M, Ueno T, Zhang X, Oka M, and Nakamura K.
Oncology Reports, 26 (1), 287–292 (2011)
166. Two-dimensional gel electrophoresis using immobilized pH gradient strips and flamingoTM fluorescent gel stain identified non-nuclear proteins possibly related to malignant tumour progression.
Kuramitsu Y, Hayashi E, Okada F, Zhang X, Ueyama Y, and Nakamura K.
Anticancer Research, 31 (4), 1259–1263 (2011)
167. Proteomic differential display analysis for TS-1-resistant and -sensitive pancreatic cancer cells using two-dimensional gel electrophoresis and mass spectrometry.
Yoshida K, Kuramitsu Y, Murakami K, Ryozawa S, Taba K, Zhang X, Sakaida I, and Nakamura K.
Anticancer Research, 31 (6), 2059–2063 (2011)

168. Identification of differentially expressed proteins in tumour necrosis factor-alpha-resistant and -sensitive rat hepatoma cells.
Kuramitsu Y, Zhang X, Wang Y, and Nakamura K.
Anticancer Research, 31 (6) , 2103–2108 (2011)
169. Differential expression of haptoglobin isoforms in chronic active hepatitis, cirrhosis and HCC related to HBV infection.
Sarvari J, Mojtabaei Z, Kuramitsu Y, Hosseini S-A.M, Shahrabadi M, Ghaderi A, and Nakamura K.
Oncology Letters, 2 (5) , 871–877 (2011)
170. Identification of four isoforms of aldolase B down-regulated in hepatocellular carcinoma tissues by means of two-dimensional western blotting.
Wang Y, Kuramitsu Y, Takashima M, Yokoyama Y, Iizuka N, Tamesa T, Sakaida I, Oka M, and Nakamura K.
In Vivo, 25 (6) , 881–886 (2011)
171. Up-regulation of 42 kDa tubulin alpha-6 chain fragment in well-differentiated hepatocyte cellular carcinoma tissues from patients infected with hepatitis C virus.
Kuramitsu Y, Takashima M, Yokoyama Y, Iizuka N, Tamesa T, Akada J.K, Wang Y, Toda T, Sakaida I, Okita K, Oka M, and Nakamura K.
Anticancer Research, 31 (10) , 3331–3336 (2011)
172. Differential expression of up-regulated cofilin-1 and down-regulated cofilin-2 characteristic of pancreatic cancer tissues.
Wang Y, Kuramitsu Y, Ueno T, Suzuki N, Yoshino S, Iizuka N, Zhang X, Oka M, and Nakamura K.
Oncology Reports, 26 (6) , 1595–1599 (2011)
173. *Salmonella enterotoxin* (Stn) regulates membrane composition and integrity.
Nakano M, Yamasaki E, Ichinose A, Shimohata T, Takahashi A, Akada J.K, Nakamura K, Moss J, Hirayama T, and Kurazono H.
Disease Model & Mechanism, 5, 515–521 (2012)
174. Proteomic differential display identifies upregulated vinculin as a possible biomarker of pancreatic cancer.
Wang Y, Kuramitsu Y, Ueno T, Suzuki N, Yoshino S, Iizuka N, Zhang X, Akada J, Oka M, and Nakamura K.
Oncology Reports, 28 (5) , 1845–1850 (2012)

175. Glyoxalase I is up-regulated in pancreatic cancerous tissues compared with related non-cancerous tissues.
Wang Y, Kuramitsu Y, Ueno T, Suzuki N, Yoshino S, Iizuka N, Akada J, Kitagawa T, Oka M, and Nakamura K.
Anticancer Research, 32 (8) , 3219–3222 (2012)
176. Heat-shock protein 27 plays the key role in gemcitabine-resistance of pancreatic cancer cells.
Kuramitsu Y, Wang Y, Taba K, Suenaga S, Ryoza S, Kaino S, Sakaida I, and Nakamura K.
Anticancer Research, 32 (6) , 2295–2299 (2012)
177. Secretomic analysis of large cell lung cancer cell lines using two-dimensional gel electrophoresis coupled to mass spectrometry.
Yousefi Z, Sarvari J, Nakamura K, Kuramitsu Y, Ghaderi A, and Mojtabaei Z.
Folia Histochemica et Cytobiologica, 50 (3) , 368–374 (2012)
178. 臨床プロテオミクス —バイオマーカー探索から個別化医療へ—
第4章 解析方法および技術 2. 探索的解析手法 5) プロテインチップ
古元礼子, 中村和行, 146–156 頁, 金原出版, 2012 年発行
179. Up-regulation of DDX39 in human malignant pleural mesothelioma cell lines compared to normal pleural mesothelial cells.
Kuramitsu Y, Tominaga W, Baron B, Tokuda K, Wang Y, Kitagawa T, and Nakamura K.
Anticancer Research, 33 (6) , 2557–2560 (2013)
180. Differentially Expressed Proteins in Chronic Active Hepatitis, Cirrhosis, and HCC Related to HCV Infection in Comparison With HBV Infection: A proteomics study.
Sarvari J, Mojtabaei Z, Taghavi S.A, Kuramitsu Y, Shamsi Shahrabadi M, Ghaderi A, and Nakamura K.
Hepatitis Monthly, 13 (7) , e8351 (2013)
181. A new type of protein chip to detect hepatocellular carcinoma-related autoimmune antibodies in the sera of hepatitis C virus-positive patients.
Akada J, Kamei S, Ito A, Ito M, Kitagawa T, Furumoto H, Kato Y, Tamesa M, Takashima M, Shirai M, Yamano H, Oka M, Kuramitsu Y, and Nakamura K.
Proteome Sci, 11 (1) , 33 (2013)

182. Up-regulation of DDX39 in human pancreatic cancer cells with acquired gemcitabine-resistance compared to gemcitabine-sensitive parental cells.
Kuramitsu Y, Suenaga S, Wang Y, Tokuda K, Kitagawa T, Tanaka T, Akada J, Maehara S, Maehara Y, and Nakamura K.
Anticancer Research, 33 (8) , 3133–3136 (2013)
183. Malignant progressive tumor cell clone exhibits significant up-regulation of cofilin-2 and 27 kDa modified form of cofilin-1 compared to regressive clone.
Kuramitsu Y, Wang Y, Okada F, Baron B, Tokuda K, Kitagawa T, Akada J, and Nakamura K.
Anticancer Research, 33 (9) , 3661–3665 (2013)
184. Glyoxalase 1 as a candidate for indicating the metastatic potential of SN12C human renal cell carcinoma cell clones.
Tanaka T, Kuramitsu Y, Wang Y, Baron B, Kitagawa T, Tokuda K, Hirakawa K, Yashiro M, Naito S, and Nakamura K.
Oncology Reports, 30, 2365–2370 (2013)
185. Induced defence in lima bean plants exposed to the volatiles from two-spotted spider mite-infested conspecifics is independent of the major protein expression.
Sugimoto K, Matsui K, Ozawa R, Kuramitsu Y, Kley J, David A, Muck A, Nakamura K, Boland W, and Takabayashi J.
Journal of Plant Interactions, 8 (3) , 219–224 (2013)
186. Human pancreatic cancer cells with acquired gemcitabine resistance exhibit significant up-regulation of peroxiredoxin 2 compared to sensitive parental cells.
Suenaga S, Kuramitsu Y, Wang Y, Baron B, Kitagawa T, Akada J, Tokuda K, Kaino S, Maehara S, Maehara Y, Sakaida I, and Nakamura K.
Anticancer Research, 2013 Nov ; 33 (11) , 4821–6
187. Active hexose-correlated compound down-regulates HSP27 of pancreatic cancer cells, and helps the cytotoxic effect of gemcitabine.
Suenaga S, Kuramitsu Y, Kaino S, Maehara S, Maehara Y, Sakaida I, and Nakamura K.
Anticancer Res, 34 (1) , 141–6 (2014)
188. Comparative Proteomics of Sera From HCC Patients With Different Origins.
Sarvari J, Mojtabaei Z, Kuramitsu Y, Fattahi MR, Ghaderi A, Nakamura K, and Erfani N.
Hepat Mon, 14 (1) , e13103 (2014)

189. Proteomic analysis indicates that overexpression and nuclear translocation of lactoylglutathione lyase (GL01) is associated with tumor progression in murine fibrosarcoma.
Wang Y, Kuramitsu Y, Tokuda K, Okada F, Baron B, Akada J, Kitagawa T, and Nakamura K.
Electrophoresis, 35 (15), 2195–202 (2014)
190. Fascin regulates chronic inflammation-related human colon carcinogenesis by inhibiting cell anoikis.
Kanda Y, Kawaguchi T, Kuramitsu Y, Kitagawa T, Kobayashi T, Takahashi N, Tazawa H, Habelhah H, Hamada J, Kobayashi M, Hirahata M, Onuma K, Osaki M, Nakamura K, Kitagawa T, Hosokawa M, and Okada F.
Proteomics, 14 (9), 1031–41 (2014)
191. Proteomic Characterization of *Helicobacter pylori* CagA Antigen Recognized by Child Serum Antibodies and Its Epitope Mapping by Peptide Array.
Akada J, Okuda M, Hiramoto N, Kitagawa T, Zhang X, Kamei S, Ito A, Nakamura M, Uchida T, Hiwatani T, Fukuda Y, Nakazawa T, Kuramitsu Y, and Nakamura K.
PLoS One, 9 (8), e104611 (2014)
192. Active hexose-correlated compound down-regulates Sex-determining region Y-box 2 of pancreatic cancer cells.
Nawata J, Kuramitsu Y, Wang Y, Kitagawa T, Tokuda K, Baron B, Akada J, Suenaga S, Kaino S, Maehara S, Maehara Y, Sakaida I, and Nakamura K.
Anticancer Research, 34 (9), 4807–4811 (2014)
193. Gemcitabine induces poly (ADP-ribose) polymerase-1 (PARP-1) degradation through autophagy in pancreatic cancer.
Wang Y, Kuramitsu Y, Tokuda K, Baron B, Kitagawa T, Akada J, Maehara S, Maehara Y, and Nakamura K.
PLoS One, 9 (10), e109076 (2014)