

April 2009

A. GENERAL INFORMATION

Name Mithat Gönen, Ph.D.

Office Address:

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B. EDUCATION BACKGROUND

1986-1991 B.S. Electrical Engineering, Middle East Technical University
1992-1993 M.S. Industrial Engineering, Stanford University
1993-1996 M.S. Statistics, Texas Tech University
1993-1996 Ph.D. Statistics, Texas Tech University

C. PROFESSIONAL POSITIONS AND EMPLOYMENT

Academic Appointments:

1996-1998 Biostatistician, Applied Logic Associates, Houston, TX
1998.1999 Senior Statistical Scientist, Applied Logic Associates, Houston, TX
1999.2005 Assistant Member, Memorial Sloan-Kettering Cancer Center
2005-Present Associate Member, Memorial Hospital, Memorial Sloan-Kettering Cancer Center

Hospital Appointments:

1999-2005 Assistant Attending Biostatistician, Memorial Hospital for Cancer and Allied Diseases, New York, NY
2005-present Associate Attending Biostatistician, Memorial Hospital for Cancer and Allied Diseases, New York, NY

D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE**E. PROFESSIONAL MEMBERSHIPS**

Member/Officer	Name of Organization
Member (1996-present)	American Statistical Association
Member (1996-present)	International Biometric Society
Member (2009-present)	Society for Clinical Trials

F. HONORS AND AWARDS

1986-1990	Sabancı Foundation, Scholarship for Higher Education
1992-1996	Turkish Council for Higher Education, Scholarship for Graduate Study
1996	International Biometric Society (ENAR), Student Paper Award

G. INSTITUTIONAL/HOSPITAL AFFILIATION

Primary Hospital Affiliation	Memorial Hospital for Cancer and Allied Diseases, NY
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H. EMPLOYMENT STATUS

Memorial Sloan-Kettering Cancer Center	Full-time
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I. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES AND PERCENT EFFORT**1. Teaching:**

1990-1991	Teaching and Research Assistant, Middle East Technical University
1991-1992	Teaching Assistant, Texas Tech University
1994-1995	Teaching Assistant, Texas Tech University
1999-2001	Lecturer of Biostatistics, Cornell University

2. Clinical Care

N/A

3. Administrative

N.A

4. Research:

- Developing novel statistical methods to assess and validate prognostic models and cancer staging systems (2004-present)
- Development of risk prediction tools for patients undergoing resections of the hepatobiliary tract (2003-present)
- Improving colorectal cancer staging using nomograms (2005-present)
- Collaboration with Nuclear Medicine Physicians to design and analyze prospective and retrospective studies on the use of PET in various cancers (1999-present)
- Collaboration with gastrointestinal oncologists to design clinical trials on novel therapies to treat cancers of colon, rectum, stomach, esophagus and liver (1999-2005).
- Developing novel Bayesian methods for design and analysis of clinical data (1999-2005).

J. RESEARCH SUPPORT**Past Support:**

- Early Therapeutics Development with Phase II Emphasis NCI 5 UO1 CM17105 (PI: Kelsen) 10% Effort (2001-2005) \$1,038,000
- Cancer Chemotherapy Program Project NCI 2 PO1 CA05826-38 (P.I. Bertino; Biostat. Core P.I. Begg) 10% Effort (2000-2005) \$1,038,000

Current Support:

- Targeted Blood Management for Surgical Resections, MSK Society, (PI: Gonen) 10% Effort (2005-2007) \$118,845.
- Individualized Risk Prediction of Complications to Liver Surgery, MSK Society, (PI: Gonen) 10% Effort (2006-2009). \$51,032.
- Clinical Trials of Flavopiridol with Chemotherapy NCI 2 R01 CA67819-5 A1 (PI: Schwartz), 20% Effort (2001-2009) \$187,216
- Molecular Mechanisms in GIST. NCI (PI: DeMatteo) 15% Effort. (2004-2009).
- Improving colorectal cancer staging with nomograms. AJCC (PI: Weiser). 10% Effort (2006-2007).
- Cancer Center Support Grant NCI 3 P30 CA08748-36 (P.I. Varmus; Biostat. Core P.I. Begg) 10% Effort (2001-2009) \$434,350 (Biostatistics Core)

- PET Imaging Fund (PI: Larson) NCI P50 CA 86438 (2003-2009) 20% effort

K. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

Clinical Research

- Member, Data Safety and Monitoring Board, “Antiviral and Antifibrotic Liver Therapy of HCV⁺ Drinkers.” NIH-supported multi-center randomized trial. 2004-2008
- Member, Data Safety and Monitoring Board, “Home-Based Blood Pressure Interventions for African Americans.” NIH-supported multi-center randomized trial. 2005-2009
- Faculty, ASCO/AACR Methods in Clinical Cancer Research Workshop, Vail, CO, 2007-present. (Program Committee Member, 2009).
- Member, Editorial Board, *Gastrointestinal Cancer Research*, the official journal of the International Society of Gastrointestinal Oncology.
- Associate Editor, *Clinical Trials: Journal of the Society for Clinical Trials*.

National Institutes of Health

- Member, NIH Review Panel “Genetic and Molecular Mechanisms of CAD Susceptibility and Progression” 2005
- Member, NIH Review Panel “Specialized Centers For Cell-Based Therapy (SCCT) For Heart, Lung, and Blood Diseases and Data and Coordinating Center (DCC)” 2005
- Member, Common Data Elements Committee For Phase II Clinical Trials, NCI, Cancer Therapy Evaluation Program. 2005-2006
- Member, NCI Study Section, Subcommittee J on Population and Patient-Based Training. 2006-2008.
- Reviewer, Deutsche Forschungsgemeinschaft (German Research Foundation) Life Sciences, 2007-2008.
- Reviewer, National Institute for Health Research UK, 2008.

Service to the Statistical Community

- Treasurer, Houston Area Chapter of the American Statistical Association, 1997-1999
- Executive Committee Member, New York City Chapter of the American Statistical Association, 2001-2003
- Vice President, New York City Chapter of the American Statistical Association, 2003-2008
- Member, Committee on International Relations in Statistics, American Statistical Association, 2006-2010 (President, 2010).

Intramural Service:

- Member, Junior Faculty Council. 2004-2005.
- Member, Research Council. 2005-Present.
- Member, Data Integrity Investigation Committee, 2008-2009.
- Director and Faculty, Clinical Trials Workshop, 2008-Present.

Invited Seminars Presented:

1. *Bayesian analysis of variance components with Dirichlet priors.* Conference of Texas Statisticians, Houston, Texas, April 1997.
2. *Bayesian analysis of intraclass correlations in the mixed linear model.* Universite Catholique de Louvaine, Institute of Statistiques, Louvain-la-neuve, Belgium, March 1998.
3. *Bayesian methods in signal processing.* Rice University, Digital Signal Processing Research Group, Houston, Texas, October 1998.
4. *Bayes and frequentist methods for multiple inferences in drug experiments.* 1999 International Biometric Society (ENAR) Regional Conference, Atlanta, GA, March 1999.
5. *Bayesian multiple testing with correlated priors.* Southern Research Council on Statistics (SRCOS) Summer Conference, Mountain View, AR, June 1999.
6. *Bayesian multiple testing of multiple endpoints in clinical trials.* M.D. Anderson Cancer Center, Department of Biostatistics, Houston, TX, March 2000.
7. *A Bayesian look at the two-sample multivariate problem: connections with multiple testing.* New York State Psychiatric Institute, New York, NY, November 2002.
8. *Analysis of clustered binary pairs.* Texas Tech University, Department of Mathematics and Statistics, Lubbock, TX, April 2003.
9. *Testing marginal homogeneity with clustered binary data.* Penn State Medical School, Hershey, PA, September 2003. *Clinical trials and molecular biology.* New Jersey Cancer Institute, New Brunswick, NJ. March 2005.
10. *Receiver operating characteristic curves.* SAS Users Group International 31, San Francisco, CA. March 2006.
11. *Receiver operating characteristic curves.* Northeast SAS Users Group, Philadelphia, PA September 2006.

12. *Estimation Of Concordance Probability With Censored Data And Its Applications In Cancer Staging*. Columbia University Department of Biostatistics, October 2006.
13. *Estimation of Concordance with Censored Data*. Johns Hopkins University, Bloomberg School of Public Health, November 2007.
14. *Concordance Probability in Presence of Censoring with Applications to Cancer Staging and Biomarkers*. Stanford University, Department of Biostatistics, February 2008.
15. *ROC Curves for the Uninitiated*. (Tutorial) International Biometric Society (ENAR) Spring Conference, Washington DC, March 2008.
16. *Evaluation of Prognostic Models using Area Between Curves (ABC)*. Joint Statistical Meetings, Denver, CO, August 2008.
17. *Statistical Aspects of Gene Signatures and Molecular Targets*. International Society of Gastrointestinal Oncology, Arlington, VA. September 2008.
18. *An extension of the c-index for Cox models*. Cleveland Clinic Foundation, Department of Quantitative Sciences. October 2008.
19. *Evaluation and Validation of Cox Models Using Concordance Probability*. University of Wisconsin, Department of Biostatistics and Bioinformatics, February 2009.
20. *ROC Curves without Tears*. (Short Course) International Biometric Society (EMR) Conference, Istanbul, Turkey, 2009.

L. BIBLIOGRAPHY**Book**

1. **Gönen M.** Receiver Operating Characteristic Curves Using SAS®. SAS Press, Cary, NC. 2007.

Book Chapters

1. Kattan MW, **Gönen M**, Scardino PT. The development and execution of medical prediction models. In *Outcome Prediction in Cancer*. Edited by Taktak AFG, Fisher AC. Elsevier. 2007.
2. **Gönen M.** Bayesian Analysis. In Kattan MW (editor) *Encyclopedia of Medical Decision Making*. Sage, 2009.
3. **Gönen M.** Bayesian t-test and Beyond. In Bang, H, Zhou, XK, Van Epps, H, Mazumdar, M. (Editors) *Statistical Methods in Molecular Biology*. Humana Press, Springer. To be published in 2010.

Peer-Reviewed Articles

1. Westfall P, **Gönen M**: Asymptotic properties of ANOVA Bayes Factors. *Communications in Statistics: Theory and Methods* 1996;25:3103-3123.
2. **Gönen M**, Puri M, Ruymgaart F, Van Zuijlen M: The limiting density of unit-root test statistics: unknown mean, dependent errors. *Journal of Time Series Analysis*. 2000;21:249-260.
3. **Gönen M**: A Bayesian analysis of intraclass correlations in the mixed linear model. *Communications in Statistics: Theory and Methods* 2000;29:1451-1464.
4. Sharma S, **Gönen M**: Fluoropyrimidine chemotherapy improves 1-year mortality in people with stage IV or unresectable colorectal cancer compared with supportive care. *J of Evidence-Based Oncology* 2000;1:116.
5. Ramos CD, Erdi YE, **Gönen M**, Riedel ER, Yeung WD, Macapinlac HA, Chisin R, Larson SM: FDG-PET standardized uptake values in normal anatomical structures using IRSAC and FBP. *J Nucl Med* 2001;28:155-164.
6. Abraham M, **Gönen M**, Kraus D: Complications of Type I thyroplasty and arytenoid adduction. *Laryngoscope* 2001;111:1322-1329.
7. Yeung HWD, Cody HS, Turlakow A, Riedel ER, Fey J, **Gönen M**, Nunez R, Yeh SD, Larson SM: LSG and SNL at surgery in breast cancer patients: Comparison between one-day and two-day protocols. *J Nucl Med* 2001;42:420-423.
8. Kemeny N, **Gönen M**, Sullivan D, Schwartz L, Benedetto F, Saltz L, Stockman J, Fong Y, Jarnagin W, Bertino J: A Phase I study of hepatic arterial infusion of floxuridine and dexamethasone with systemic irinotecan for unresectable hepatic metastases from colorectal cancer. *J Clin Oncol* 2001;19:2687-2695.

9. Jarnagin WR, Fong Y, DeMatteo RP, **Gönen M**, Burke EC, Bodniewicz J, Youseff M, Klimstra D, Blumgart LH: Staging, resectability, and outcome in 225 patients with hilar cholangiocarcinoma. *Ann Surg* 2001;234:507-517.
10. Motwani M, Jung C, Sirotiak FM, She Y, Shah MA, **Gönen M**, Schwartz G: Augmentation of apoptosis and tumor regressions by flavopiridol in the presence of CPT-11 in Hct116 colon cancer monolayers and xenografts. *Clin Cancer Res* 2001;7:4209-4219.
11. **Gönen M**, Panageas KS, Larson SM: Statistical issues in analysis of diagnostic imaging experiments with multiple observations per patient. *Radiology* 2001;221:763-767.
12. Turlakow A, Larson S, Coakley F, Akhurst T, **Gönen M**, Macapinlac HA, Kelly W, Leibel S, Humm J, Scardino P: Local detection of prostate-cancer by positron-emission-tomography with 2-fluorodeoxy-glucose-comparison of filtered back-projection and iterative reconstruction with segmented attenuation correction. *Quarterly J Nucl Med* 2001;45:235-244.
13. Nuñez R, Macapinlac HA, Yeung HWD, Akhurst T, Sai SD, Osman I, **Gönen M**, Riedel E, Scher HI, Larson SM: Combined F-18-FDG and C-11 methionine PET scans in patients with newly progressive metastatic prostate cancer. *J Nucl Med* 2002;43:46-55.
14. Akhurst T, Downey RJ, Ginsberg MS, **Gönen M**, Bains M, Korst R, Ginsberg RJ, Rusch V, Larson SM: An initial experience with FDG-PET in the imaging of residual disease after induction therapy for lung cancer. *Ann of Thorac Surg* 2002;73:259-264.
15. Petrowski H, **Gönen M**, Jarnagin W, Lorenz M, DeMatteo R, Heinrich S, Encke A, Blumgart L, Fong Y: 2nd liver resections are safe and effective treatment for recurrent colorectal cancer hepatic metastases from colorectal cancer – A bi-institutional analysis. *Ann Surg* 2002;235:863-870.
16. Ross PL, Gerigk C, **Gönen M**, Yossepowitch O, Cagiannos I, Sogani PC, Scardino PT, Kattan MW: Comparisons of nomograms and urologists' predictions in prostate cancer. *Sem Urolo Oncol* 2002;20:82-88.
17. Panageas KS, Smith A, **Gönen M**, Chapman PB: An optimal 2-stage phase II design utilizing complete and partial response information separately. *Control Clin Trials* 2002; 23:367-379.
18. Kemeny N, Tong W, **Gönen M**, Stockman J, Di Lauro C, Teitcher J, White P, Price C, Saltz L, Sharma S, Graham MA: Phase I study of weekly oxaliplatin plus irinotecan in previously treated patients with metastatic colorectal cancer. *Ann Oncol.* 2002;13:1490-1496.
19. Etchebehere EC, Macapinlac HA, **Gönen M**, Humm K, Yeung HW, Akhurst T, Scher HI, Larson SM: Qualitative and quantitative comparison between images obtained with filtered back projection and iterative reconstruction in prostate cancer lesions of 18F-FDG PET. *Q J Nucl Med.* 2002.46:122-130.
20. Holen KD, Klimstra DK, Hummer A, **Gönen M**, Conlon K, Brennan M, Saltz LB. Clinical Characteristics and Outcomes From an Institutional Series of Acinar Cell Carcinoma of the Pancreas and Related Tumors. *J Clin Oncol.* 2002;20:4673-4678.

21. Wong RJ, Lin DT, Schoder H, Patel SG, **Gönen M**, Wolden S, Pfister DG, Shah JP, Larson SM, Kraus DH. Diagnostic and prognostic value of [18F] fluorodeoxyglucose positron emission tomography for recurrent head and neck squamous cell carcinoma. *J Clin Oncol*. 2002;20:4199-4208.
22. Jarnagin WR, **Gönen M**, Fong Y, DeMatteo RP, Ben-Porat L, Little S, Corvera C, Weber S, Blumgart LH. Improvement in perioperative outcome after hepatic resection – analysis of 1803 consecutive cases over the past decade. *Ann Surg*. 2002;236:397-407.
23. Stanziale SF, Petrowsky H, Joe JK, Roberts GD, Zager JS, Gusani NJ, Ben-Porat L, **Gönen M**, Fong Y. Ionizing radiation potentiates the antitumor efficacy of oncolytic herpes simplex virus G207 by upregulating ribonucleotide reductase. *Surgery* 2002;132:353-359.
24. Allen PJ, Stojadinovic A, Ben-Porat L, **Gönen M**, Kooby D, Blumgart L, Paty P, Fong Y. The management of variant arterial anatomy during hepatic arterial infusion pump placement. *Ann Surg Oncol*. 2002;9:875-80.
25. Pandit-Taskar N, **Gönen M**, Krug L, Larson SM. Prognostic value of 18FDG-PET imaging in small cell lung cancer. *European J Nucl Med & Molecular Imaging* 2003;30:78-84.
26. **Gönen M**, Hummer A, Zervoudakis A, Sullivan D, Fong Y, Banerjee D, Klimstra D, Cordon-Cardo C, Bertino J, Kemeny N. Thymidylate synthase expression in hepatic tumors is a predictor of survival and progression in patients with resectable metastatic colorectal cancer. *J Clin Oncol* 2003;21:406-412.
27. Downey RJ, Akhurst T, Ilson D, Ginsberg, R, Bains MS, **Gönen M**, Koong H, Gollub M, Larson SM, Minsky B, Zakowski M, Turnbull A, Rusch V. Whole body 18FDG-PET measurement of the response of esophageal cancer to induction therapy: results of a prospective trial. *J Clin Oncol* 2003;21:428-432.
28. D'Angelica M, Fong Y, Weber S, **Gönen M**, DeMatteo RP, Conlon K, Blumgart LH, Jarnagin WR. A prospective analysis of staging laparoscopy in 401 patients with primary and secondary hepatobiliary malignancy. *Ann Surg Oncol*. 2003;10:183-189.
29. **Gönen M**, Westfall PH, Johnson WO. Bayesian multiple testing for two-sample multivariate endpoints. *Biometrics*. 2003;59:76-82.
30. Shoup M, **Gönen M**, D'Angelica M, Jarnagin W, DeMatteo R, Schwartz LH, Tuorto S, Blumgart LH, Fong Y. Volumetric analysis predicts hepatic dysfunction in patients undergoing major liver resection. *J Gastrointest Surg* 2003;7:325-330.
31. Kooby DA, Stockman J, Ben-Porat L, **Gönen M**, Jarnagin WR, DeMatteo RP, Tuorto S, Wuest D, Blumgart LH, Fong Y. Influence of transfusions on perioperative and long-term outcome in patients following hepatic resection for colorectal metastases. *Ann Surg*. 2003;237:860-870
32. **Gönen M**. Planning for subgroup analysis: A case study in metastatic colorectal cancer. *Control Clin Trials*. 2003;24:355-363.

33. Flores RM, Akhurst T, **Gönen M**, Larson SM, Rusch VW. Positron emission tomography defines metastatic disease but not locoregional disease in patients with malignant pleural mesothelioma. *J Thorac Cardiovasc Surg.* 2003;126:11-16.
34. Ilson DH, Bains M, Kelsen DP, O'Reilly E, Karpeh M, Coit D, Rusch V, **Gönen M**, Wilson K, Minsky BD. Phase I trial of escalating-dose irinotecan given weekly with cisplatin and concurrent radiotherapy in locally advanced esophageal cancer. *J Clin Oncol.* 2003;1;21:2926-32
35. Kemeny N, Jarnagin W, **Gönen M**, Stockman J, Blumgart L, Sperber D, Hummer A, Fong Y. Phase I/II study of hepatic arterial therapy with floxuridine and dexamethasone in combination with intravenous irinotecan as adjuvant treatment after resection of hepatic metastases from colorectal cancer. *J Clin Oncol.* 2003;21:3303-3309
36. Lopez-Corona E, Ohori M, Scardino PT, Reuter VE, **Gönen M**, Kattan MW, Catalona WJ. A Nomogram For Predicting a Positive Repeat Prostate Biopsy in Patients With a Previous Negative Biopsy Session. *J Urol* 2003;170:1184-1188.
37. Yeung HWD, Grewal RK, **Gönen M**, Schoder H, Larson SM. Patterns of 18F-FDG Uptake in Adipose Tissue and Muscle: A Potential Source of False-Positives for PET. *J Nucl Med* 2003;44:1789-1796
38. Hann LE, Kim CM, **Gönen M**, Barakat R, Choi PH, Bach AM. Sonohysterography Compared With Endometrial Biopsy for Evaluation of the Endometrium in Tamoxifen-Treated Women. *J Ultrasound Med* 2003;22:1173-1179.
39. Eastham JA, Kattan MW, Riedel E, Begg CB, Wheeler TM, Gerigk C, **Gönen M**, Reuter V, Scardino PT. Variations among individual surgeons in the rate of positive surgical margins in radical prostatectomy specimens. *J Urol.* 2003;170:2292-2295.
40. Weitz J, D'Angelica M, **Gönen M**, Klimstra D, Coit DG, Brennan MF, Karpeh MS. Interaction of Splenectomy and Perioperative Blood Transfusions on Prognosis of Patients With Proximal Gastric and Gastroesophageal Junction Cancer. *J Clin Oncol.* 2003;21:4597-4603
41. Jung C, Motwani M, Kortmanky J, Sirotnak FM, She Y, **Gönen M**, Haimowitz-Friedman A, Schwartz GK. The Cyclin-Dependent Kinase Inhibitor Flavopiridol Potentiates {gamma}-Irradiation Induced Apoptosis in Colon and Gastric Cancer Cells. *Clin. Cancer Res.*2003;9:6052-6061.
42. Kooby DA, Fong Y, Suriawinata A, **Gönen M**, Allen PJ, Klimstra DS, DeMatteo RP, D'Angelica M, Blumgart LH, Jarnagin WR. Impact of steatosis on perioperative outcome following hepatic resection. *J Gastrointest Surg.* 2003;7:1034-1044.
43. Brenner B, Ilson DH, Minsky BD, Bains MS, Tong W, **Gönen M**, Kelsen DP. Phase I Trial of Combined-Modality Therapy for Localized Esophageal Cancer: Escalating Doses of Continuous-Infusion Paclitaxel With Cisplatin and Concurrent Radiation Therapy. *J Clin Oncol* 2004;22:45-52.

44. Schoder H, Yeung HWD, **Gönen M**, Kraus D, Larson SM. Head and Neck Cancer: Clinical Usefulness and Accuracy of PET/CT Image Fusion. *Radiology* 2004;231:65-72
45. Schoder H, Erdi YE, Chao K, **Gönen M**, Larson SM, Yeung HWD. Clinical Implications of Different Image Reconstruction Parameters for Interpretation of Whole-Body PET Studies in Cancer Patients. *J Nucl Med.* 2004;45:559-566.
46. Weitz J, D'angelica M, Jarnagin W, **Gönen M**, Fong Y, Blumgart L, DeMatteo R. Selective use of diagnostic laparoscopy prior to planned hepatectomy for patients with hepatocellular carcinoma. *Surgery.* 2004;135:273-281.
47. Stanziale SF, Petrowsky H, Adusumilli PS, Ben-Porat L, **Gönen M**, Fong Y. Infection with oncolytic herpes simplex virus-1 induces apoptosis in neighboring human cancer cells: a potential target to increase anticancer activity. *Clin Cancer Res.* 2004 1;10:3225-3232.
48. Brenner B, Shah MA, **Gönen M**, Klimstra DS, Shia J, Kelsen DP. Small-cell carcinoma of the gastrointestinal tract: a retrospective study of 64 cases. *BR.J Cancer* 2004;4;90:1720-1726.
49. Antonescu CR, Viale A, Sarran L, Tschernyavsky SJ, **Gönen M**, Segal NH, Maki RG, Succi ND, DeMatteo RP, Besmer P. Gene Expression in Gastrointestinal Stromal Tumors Is Distinguished by KIT Genotype and Anatomic Site. *Clin Cancer Res* 2004;2010:3282-3290.
50. Hricak H, Wang L, Wei DC, Coakley FV, Akin O, Reuter VE, **Gönen M**, Kattan MW, Onyebuchi CN, Scardino PT. The role of preoperative endorectal magnetic resonance imaging in the decision regarding whether to preserve or resect neurovascular bundles during radical retropubic prostatectomy. *Cancer* 2004;100:2655-2663.
51. **Gönen M**. Sample size and power for McNemar's test with clustered data. *Statist. Med.* 2004;23:2283-2294.
52. Carlo WF, Hummer AJ, Schwartz L, Sullivan D, **Gönen M**, Jarnagin W, Fong Y, Kemeny N. Extent of hepatic resection does not correlate with toxicity following adjuvant chemotherapy. *J Surg Oncol.* 2004;87:85-90.
53. Downey RJ, Akhurst T, **Gönen M**, Vincent A, Bains MS, Larson SM, Rusch V. Preoperative F-18 Fluorodeoxyglucose-Positron Emission Tomography Maximal Standardized Uptake Value Predicts Survival After Lung Cancer Resection. *J Clin Oncol* 2004; 22; 3255–3260.
54. Pandit-Taskar N, Schoder H, **Gönen M**, Larson SM, Yeung HWD. Clinical Significance of Unexplained Abnormal Focal FDG Uptake in the Abdomen During Whole-Body PET. *AJR AM J Roentgenol* 2004;183:1143-1147.
55. D'Angelica M, **Gönen M**, Brennan MF, Turnbull AD, Bains M, Karpeh MS. Patterns of Initial Recurrence in Completely Resected Gastric Adenocarcinoma. *Ann Surg.* 2004;240:808-816.
56. Yanke BV, **Gönen M**, Scardino PT, Kattan MW. Validation of a nomogram for predicting positive repeat biopsy for prostate cancer. *J Urol.* 2005;173:421-424.

57. Kortmansky J, Shah MA, Kaubisch A, Weyerbacher A, Yi S, Tong W, Sowers R, **Gönen M**, O'Reilly E, Kemeny N, Ilson DI, Saltz LB, Maki RG, Kelsen DP, Schwartz GK. Phase I Trial of the Cyclin-Dependent Kinase Inhibitor and Protein Kinase C Inhibitor 7-Hydroxystaurosporine in Combination With Fluorouracil in Patients With Advanced Solid Tumors. *J Clin Oncol*. 2005;23:1875-1884.
58. Kemeny N, **Gönen M**. Hepatic arterial infusion after liver resection.(Letter) *N Engl J Med*. 2005;352:734-735.
59. Spanknebel K, Coit DG, Bieligk SC, **Gönen M**, Rosai J, Klimstra DS. Characterization of Micrometastatic Disease in Melanoma Sentinel Lymph Nodes by Enhanced Pathology: Recommendations for Standardizing Pathologic Analysis. *Am J Surg Pathol*. 2005;29:305-317.
60. Hawkins WG, Dematteo RP, Cohen MS, Jarnagin WR, Fong Y, D'Angelica M, **Gönen M**, Blumgart LH. Caudate hepatectomy for cancer: A single institution experience with 150 patients. *J Am Coll Surg*. 2005;200:345-52.
61. **Gönen M**. A Bayesian evaluation of enrolling additional patients at the maximum tolerated dose in Phase I trials. *Contemp Clin Trials* 2005;26:131-140.
62. Shah MA, Kemeny N, Hummer A, Drobnjak M, Motwani M, Cordon-Cardo C, **Gönen M**, Schwartz GK. *Drg1* Expression in 131 Colorectal Liver Metastases: Correlation with Clinical Variables and Patient Outcomes. *Clin Cancer Res* 2005 11:3296-3302.
63. Schoder H, Noy A, **Gönen M**, Weng L, Green D, Erdi YE, Larson SM, Yeung HW. Intensity of 18Fluorodeoxyglucose Uptake in Positron Emission Tomography Distinguishes Between Indolent and Aggressive Non-Hodgkin's Lymphoma. *J Clin Oncol*. 2005;23:4577-4580.
64. Vural B, Chen LC, Saip P, Chen YT, Ustuner Z, **Gönen M**, Simpson AJ, Old LJ, Ozbek U, Gure AO. Frequency of SOX Group B (SOX1, 2, 3) and ZIC2 antibodies in Turkish patients with small cell lung carcinoma and their correlation with clinical parameters. *Cancer*. 2005;103:2575-2583.
65. Yeung HW, Schoder H, Smith A, **Gönen M**, Larson SM. Clinical Value of Combined PET/CT Imaging in the Interpretation of FDG PET Studies in Cancer Patients. *Mol Imaging Biol*. 2005;7:229-235
66. Shah MA, Kortmansky J, Motwani M, Drobnjak M, **Gönen M**, Yi S, Weyerbacher A, Cordon-Cardo C, Lefkowitz R, Brenner B, O'Reilly E, Saltz L, Tong W, Kelsen DP, Schwartz GK. A Phase I Clinical Trial of the Sequential Combination of Irinotecan Followed by Flavopiridol. *Clin Cancer Res* 2005;11:3836-3845.
67. Specht, Kattan MW, **Gönen M**, Fey J, VanZee KJ. Predicting Nonsentinel Node Status After Positive Sentinel Lymph Biopsy for Breast Cancer: Clinicians Versus Nomogram. *Ann Surg Oncol*. 2005;12:654-659.

68. Schoder H, Hermann K, **Gönen M**, Hricak H, Eberhard S, Scardino P, Scher H, Larson SM. 2-[18F] fluoro-2-deoxyglucose positron emission tomography for the detection of disease in patients with prostate-specific antigen relapse after radical prostatectomy. *Clin Cancer Res.* 2005;11:4761-4769.
69. **Gönen M**. Planning a dose-response study when doses are subject-specific. *Statist Med.* 2005; 24:2613-2623.
70. Maluccio M, Covey AM, Gandhi R, **Gönen M**, Getrajdman GI, Brody LA, Fong Y, Jarnagin W, D'Angelica M, Blumgart L, Dematteo R, Brown KT. Comparison of Survival Rates after Bland Arterial Embolization and Ablation Versus Surgical Resection for Treating Solitary Hepatocellular Carcinoma up to 7 cm. *J Vasc Interv Radiol.* 2005;16:955-961.
71. Kemeny N, Jarnagin W, Paty P, **Gönen M**, Schwartz L, Morse M, Leonard G, D'Angelica M, Dematteo R, Blumgart L, Fong Y. Phase I trial of systemic oxaliplatin combination chemotherapy with hepatic arterial infusion in patients with unresectable liver metastases from colorectal cancer. *J Clin Oncol.* 2005;23:4888-4896.
72. Kemeny N, Eid A, Stockman J, **Gönen M**, Schwartz L, Tetzlaff E, Paty P. Hepatic arterial infusion of floxuridine and dexamethasone plus high-dose Mitomycin C for patients with unresectable hepatic metastases from colorectal carcinoma. *J Surg Oncol.* 2005;18:91:97-101.
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