

BIBLIOGRAFIA

1. H.CHENG,C.P.LEBLOND

Origin, differentiation and renewal of the four main epithelial cell types in the mouse small intestine. V. Unitarian Theory of the origin of the four epithelial cell types

Am. J. Anat., 1974; 141: 537

2. B.M.BOMAN,E.HUANG

Human colon cancer stem cells: a new paradigm in gastrointestinal oncology

J. Clin. Oncol., 2008; 26: 2828

3. A.HAEGBARTH,H.CLEVERS

Wnt signaling, Lgr5 and stem cells in the intestine and skin

The American Journal of Pathology, 2009;174: 715

4. M.TODARO,M.G.FRANCIPANE,J.P.MEDEMA,G.STASSI

Colon cancer stem cells: promise of targeted therapy

Gastroenterology, 2010; 138: 2151

5. C.EMMINGS

The elaboration of a critical framework for understanding cancer: the cancer stem cell hypothesis

Pathology, 2010; 42: 105

6. J.CAIRNS

Mutation selection and the natural history of cancer
Nature, 1975; 255: 197

7. P.M.LANSDORP

Immortal strand? Give me a break
Cell, 2007; 129: 1244

8. C.S.POTTEN

Extreme sensitivity of some intestinal crypt cells to X and gamma irradiation
Nature, 1977; 269: 518

9. M.BJERKNES,H.CHENG

The stem-cell zone of the small intestinal epithelium. III. Evidence from columnar, enteroendocrine and mucous cells in the adult mouse
Am. J. Anat., 1981; 160: 77

10. A.SHAKER,D.C.RUBIN

Intestinal stem cells and epithelial-mesenchymal interactions in the crypt and stem cell niche
Translational Research, 2010; 156: 180

11. P.SALAMA,C.PLATELL

Colorectal cancer stem cells
Anz. J. Surg, 2009; 79

12. L.G.VAN DER FLIER,H.CLEVERS
Stem cells, self-renewal and differentiation in the intestinal epithelium
Annu. Rev. Physiol., 2009; 71:241
13. M.REEDIJK,S.ODORCIC,H.ZHANG,R.CHETTY,C.TENNERT,
B.C.DICKSON,G.LOCKWOOD,S.GALLINGER,S.E.EGAN
Activation of Notch signaling in human colon adenocarcinoma
Int.J.Oncol., 2008; 33: 1223
14. S.A.C.MCDONALD,T.A.GRAHAM,S.SCHIER,N.A.WRIGHT,M.R.
ALISON
Stem cells and solid cancers
Virchows Arch., 2009; 455: 1
15. R.K. MONTGOMERY,D.T. BREAULT
Small intestinal stem cell markers
J.Anat., 2008; 213: 52
16. T.M. YEUNG,N.J. MORTENSEN
Colorectal cancer stem cells
Dis. Colon Rectum, 2009; 52: 1788
17. S.MITTAL,R.MIFFLIN,D.W.POWELL
Cancer stem cell: the other face of Janus
The American Journal of the Medical Sciences, 2009; 338: 107

18. N.Y.FRANK,T.SCHATTON,M.H.FRANK
The therapeutic promise of the cancer stem cell concept
The Journal of Clinical Investigation, 2010; 120: 41
19. J.M.ROSEN,C.T.JORDAN
The increasing complexity of the cancer stem cell paradigm
Science, 2009; 324: 1670
20. M.R.ALISON
Stem cell and cancer in the aerodigestive tract
Eur. J. Cancer, 2009; 175
21. AA.VV.
Basi scientifiche per la definizione di linee guida in ambito clinico per i tumori del colon retto
CNR-MIUR Progetto strategico ONCOLOGIA, 2004
22. J.MENDELSOHN,P.M.HOWLEY,M.A.ISRAEL,A.LIOTTA
“The molecular basis of cancer” 2nd Edition
W.B. Saunders Company, 2001
23. C.RUPNARAIN,Z.DLAMINI,S.NAICKER,K.BHOOLA
Colon cancer: genomics and apoptotic events
Biol.Chem., 2004; 385: 449

24. E.T.HAWK,A.UMAR,J.L.VINER
Colorectal cancer chemoprevention: an overview of science
Gastroenterology, 2004; 126: 1423
25. E.T.HAWK,B.LEVIN
Colorectal cancer prevention
J. Clin. Oncol., 2005; 23: 378
26. M.S.PINO,D.C.CHUNG
The chromosomal instability pathway in colon cancer
Gastroenterology, 2010; 138: 2059
27. J.WEITZ,M.KOCH,J.DEBUS,T.HOHLER,P.R.GALLE,
M.K.BUCHLER
Colorectal cancer
Lancet, 2005; 365: 153
28. A.DE LA CHAPELLE
Genetic predisposition to colorectal cancer
Nature Reviews, 2004; 4: 769
29. F.RADTKE,H.CLEVERS
Self-renewal and cancer of the gut: two sides of a coin
Science, 2005; 307: 1904

30. J.R.DAVIES,R.MILLER,N.COLEMAN
Colorectal cancer screening: prospects for molecular stool analysis
Nature Reviews,2005; 5: 199
31. C.A.HANSON,J.R.MILLER
Non-traditional roles for the Adenomatous Polyposis Coli (APC) tumor
suppressor protein
Gene, 2005; 361: 1
32. Y.T.LAN,S.C.CHANG,A.F.Y.LI,T.C.LIN,W.S.CHEN,J.K.JIANG,
S.H.YANG,H.S.WANG, J.K.LIN
P53 protein accumulation as a prognostic marker in sporadic colorectal cancer
Int.J.Colorectal Dis., 2007; 22: 499
33. M.R.GHAVAM-NASIRI,E.REZAEI,K.GHAFARZADEGAN,
M.SEILANIAN-TOOSI,H.MALEKIFARD
Expression of p53 in colorectal carcinoma: correlation with clinicopathologic
features
Arch.Iranian Med., 2007; 10: 38
34. L.A.LOEB,K.R.LOEB,J.P.ANDERSON,
Multiple mutations and cancer.
Proc. Natl. Acad. Sci., 2003; 100: 776
35. H.RAJAGOPALAN,C.LENGAUER
Aneuploidy and cancer
Nature, 2004; 432: 33

36. M.M.GARRITY,L.J.BURGART,M.R.MAHONEY,
H.E.WINDSCHITL,M.SALIM,M.WIESENFELD,J.E.KROOK,
J.C.MICHALAK,R.M.GOLDBERG,M.J.O'CONNEL,A.F.FURTH,
D.J.SARGENT,L.M.MURPHY,E.HILL,D.L.RIEHLE,C.H.MEYERS,
T.E.WITZIG
Prognostic value of proliferation, apoptosis, defective DNA mismatch repair and p53 overexpression in patients with resected Dukes B2 or C colon cancer: a north central cancer treatment group study
J.Clin.Oncol., 2004; 22: 1572
37. M.BALZI,P.FARAONI,P.BECHI
Biomolecular staging: reality or future perspective?
Biotechnology in surgery, A.Barbarisi Ed.,Springer 2011; 41
38. C.COMPTON,C.M.FENOGLIO-PREISER,N.PETTIGREW,
L.P.FIELDING
American Joint Committee on cancer prognostic factors consensus conference
Cancer, 2000; 88: 1739
39. J.M.JESSUP,A.K STEWART,H.R.MENCK
The National Cancer Data Base report on patterns of care for adenocarcinoma of the rectum
Cancer, 1998; 83:2408
40. R.SEICEAN,G.FUNARIU,A.SEICEAN
Molecular prognostic factors in rectal cancer
Romanian J. Gastroenterol., 2004; 13: 223

41. S.E.A.ARAUJO,W.M.BERNARDO,A.HABR-GAMA,D.R.KISS,
I.CECCONELLO
DNA ploidy status and prognosis in colorectal cancer: a meta-analysis of published data
Dis. Colon Rectum, 2007; 50: 1800
42. H.UENO,A.B.PRICE,K.H.WILKINSON,J.JASS,H.MOCHIZUKI,
I.C.TALBOT
A new prognostic staging system for rectal cancer
Ann.Surg., 2004; 240: 832
43. J.R.JASS,S.B.LOVE,J.M.NORTHOVER
A new prognostic classification of rectal cancer
Lancet, 1987; 1: 1303
44. T.E.LE VOYER,E.R.SIGURDSON,A.L.HANLON,R.J.MAYER,
J.S.MACDONALD,P.J.CATALANO,D.G.HALLER
Colon cancer survival is associated with increasing number of lymphnodes analyzed: a secondary survey of intergroup trial INT-0089
J.Clin. Oncol., 2003; 21: 2912
45. N.PIETRA,L.SARLI,G.SANSEBASTIANO,G.S.JOTTI,A.PERACCHIA
Prognostic value of ploidy, cell proliferation kinetics and conventional clinic pathological criteria in patients with colorectal carcinoma: a prospective study
Dis. Colon Rectum, 1996; 39: 494

46. R.GILLILAND,K.E.WILLIANSO,R.H.WILSON,N.H.ANDERSON,
P.W.HAMILTON
Colorectal cell kinetics
Br. J. Surg.,1996; 83: 739
47. M.RISIO,F.P.ROSSINI
Cell proliferation in colorectal adenomas containing invasive carcinoma
Anticancer Res.,1993; 13: 43
48. R.A.TOLLENAAR,B.A.BONSING,N.J.KUIPERS-DIJKSHOORN,
J.HERMANS,C.J.H.VAN DE VELDE,C.J.CORNFLISSE,G.J.FLEUREN
Evidence of clonal divergence in colorectal carcinoma
Cancer, 1997; 79: 1304
49. K.D.BAUER,C.B.BAGWELL,W.GIARETTI,M.MELAMED,
R.J.ZARBO,T.E.WITZIG,P.S.RABINOVITCH
Consensus review of the clinical utility of DNA flow cytometry in colorectal
cancer
Cytometry, 1993; 1: 486
50. H.TOMODA,H.BABA,T.SAITO,S.WADA
DNA index as a significant predictor of recurrence in colorectal cancer
Dis. Colon Rectum, 1998; 41: 286

51. A.BUHMEIDA,M.HILSKA,A.ELZAGHEID,M.LAATO,Y.COLLAN,
K.SYRJANEN,S.PYRHONEN
DNA image cytometry predicts disease outcome in stage II colorectal carcinoma
Anticancer Research, 2009; 29: 99
52. A.COLIN,G.SMITH,F.A.CAREY,C.R.WOLF,R.J.C.STEELE
The prognostic significance of K-ras, p53 and APC mutations in colorectal carcinoma
Gut, 2005; 54: 1283
53. M.B.RESNICK,J.ROUTHIER,T.KONKIN,E.SABO,V.E.PRICOLO
Epidemal growth factor receptor, c-MET, β -catenin and p53 expression as prognostic indicators in stage II colon cancer: a tissue microarray study
Clin. Cancer Res., 2004; 3069
54. G.GALIZA,F.FERRACCIO,E.LIETO,M.ORDITURA,P.CASTELLANO,
V.IMPERATORE,C.ROMANO,M.VOLLARO,B.AGOSTINI,C.PIGNATELLI,
F.DE VITA
Prognostic value of p27, p53 and vascular endothelial growth factor in Dukes A and B colon cancer patients undergoing potentially curative surgery
Dis. Colon Rectum, 2004; 47: 1904
55. M.S.KAHLENBERG,J.M.SULLIVAN,D.DICKSON WITMER,
N.J.PETRELLINI
Molecular prognostics in colorectal cancer
Surg.Oncol., 2003; 12: 173

56. H.L.MCLEOD,G.I.MURRAY
Tumour markers of prognosis in colorectal cancer
Br. J. Cancer, 1999; 79: 191
57. J.GREM
The prognostic importance of tumour markers in adenocarcinomas of the gastrointestinal tract
Curr. Opinion Oncol., 1997; 9: 380
58. M.J.DUFFY,A.VANDALEN,C.HAGLUND,L.HANSSON,R.KLAPDOR,
R.LAMERZ,O.NILSSON,C.STURGEON,O.TOPOLCAN
Clinical utility of biochemical markers in colorectal cancer: European Group on
Tumour Markers (EGTM) guidelines
Eur. J.Cancer, 2003; 39: 718
59. F.DE VITA,M.ORDITURA,E.LIETO,S.INFUSINO,F.MORGILLO,
E.MARTINELLI,P.CASTELLANO,C.ROMANO,F.CIARDIELLO,G.CATALANO,
C.PIGNATELLI,G.GALIZA
Elevated preoperative serum vascular endothelial growth factor levels in
patients with colon carcinoma
Cancer, 2004; 100: 270
60. L.L.VINDELØV,I.J.CHRISTENSEN
A review of techniques and results obtained in one laboratory by an integrated
system of methods designed for routine clinical flow cytometric
DNA analysis
Cytometry, 1990; 11: 753

61. E.L.KAPLAN,P.MEIER
Nonparametric estimation from incomplete observations
J.A.S.A., 1958; 53: 457
62. W.L.Mc GUIRE,G.M.CLARK
Prognostic factors and treatment decisions in axillary-node-negative breast cancer
N. Engl. J. Med., 1992; 326: 1756
63. A.BECCIOLINI,M.BALZI,P.BOANINI,A.MAUGERI,P.PACINI,
S.BIANCHI,G.CARDONA,G.MESSERI,L.CATALIOTTI
Cell kinetics in breast cancer
In Vivo, 1993; 7: 627
64. J.S.MEYER,M.PROVINCE
Proliferative index of breast carcinoma by thymidine labelling: prognostic power independent of stage, estrogen and progesterone receptors
Breast Cancer Res. Treat., 1988; 12: 191
65. M.HERY,J.GIOANNI,C.M.LALANNE,M.NAMER,A.COURDI
The DNA labelling index: a prognostic factor in node-negative breast cancer
Breast Cancer Res. Treat., 1987; 9: 207
66. M.TUBIANA,S.KOSCIELNY
Cell kinetics, growth rate and the natural history of breast cancer. The Heuson Memorial Lecture
Eur. J. Cancer Clin. Oncol., 1988; 24: 9

67. A.BECCIOLINI,S.PORCIANI,M.BALZI,A.LANINI,E.SCUBLA,P.PACINI,
A.BENUCCI,V.DISTANTE
Cell kinetics and biochemical parameters in breast cancer
Int. J. Biol. Markers, 1992; 7: 16
68. A.VOLPI,O.NANNI,A.M.VECCI,S.NALDI,L.BERNARDI,L.MARRI,
S.L.FEDELI,P.SERRA,D.AMADORI
Feasibility of a cell kinetic-based adjuvant chemotherapy trial in axillary node-negative breast cancer
Tumori, 2000; 86: 142
69. D.AMADORI,O.NANNI,M.MARANGOLO,P.PACINI,A.RAVAIOLI,
A.ROSSI,A.GAMBI,G.CATALANO,D.PERRONI,E.SCARPI,D.C.GIUNCHI,
A.TIENGLHI,A.BECCIOLINI,A.VOLPI
Disease-free survival advantage of adjuvant cyclophosphamide, methotrexate, and fluorouracil in patients with node-negative, rapidly proliferating breast cancer: a randomized multicenter study
J. Clin. Oncol., 2000; 18: 3125
70. A.VOLPI,F.DE PAOLA,O.NANNI,A.M.GRANATO,P.BAJORKO,
A.BECCIOLINI,E.SCARPI,A.RICCOBON,M.BALZI,D.AMADORI
Prognostic significance of biologic markers in node-negative breast cancer patients: a prospective study
Breast Cancer Res. Treat., 2000; 63: 181

71. M.BALZI,M.B.NINU,A.BECCIOLOGINI,E.SCUBLA,P.BOANINI,E.GALLINA,
O.GALLO,O.FINI-STORCHI,R.BONDI
Labelling Index in squamous cell carcinoma of the larynx
Head and Neck, 1991; 13: 344
72. M.BALZI,E.ZANIERI,P.MAURI,A.MAUGERI,S.BIANCHI,R.SQUECCO,
F.MELONE,G.B.MURARO,A.BECCIOLOGINI
Characterization of proliferative kinetics in bladder carcinoma
Int. J. Biol. Markers, 1993; 8: 44
73. G.B.MURARO,F.MELONE,U.FARINA,M.BALZI,A.BECCIOLOGINI
Adjuvant therapy with BCG in superficial bladder cancer selected by
proliferative activity assessment
J. Chemother., 1996; 8: 328
74. Basi scientifiche per la definizione di linee-guida in ambito clinico per i
Tumori della Vescica
CNR Progetto Strategico Oncologia 2005
75. J.W.WILSON,M.C.NOSTRO,M.BALZI,P.FARAONI,F.CIANCHI,
A.BECCIOLOGINI,C.S.POTTER
Bcl-w expression in colorectal adenocarcinoma
Br. J. Cancer, 2000; 82: 178

76. J.W.WILSON,R.W.DEED,T.INOUE,M.BALZI,A.BECCIOLINI,
P.FARAONI,C.S.POTTEN,J.D.NORTON
Expression of Id helix-loop-helix proteins in colorectal adenocarcinoma
correlates with p53 expression and mitotic index
Cancer Res., 2001; 61: 8803