**Selected Publications 1996–2006**

300. Contreras-Brodin, B., Karlsson, A., Nilsson, T., Rymo, L. & Klein, G.
B cell–specific activation of the Epstein–Barr virus–encoded C promoter compared with the wide-range activation of the W promoter


Phenotype–related Differences in the Expression of D–Type Cyclins in Human B Cell–derived Lines

*Cell Growth & Differentiation*, 1996, 7, 1723–1732

302. Silva, S., Babonits, M. & Klein, G.
Ig/myc translocations of the plasmacytoma–prone BALB/c strain occur independently of the genetic and parental origin of the affected chromosomes 6, 12, and 15


303. Silva, S., Wang, Y., Babonits, M., Imreh, S., Wiener, F. & Klein G
Spontaneous Development of Plasmacytomas in a Select Subline of BALB/cJ Mice


304. Klein, G
Commentary.Rejection antigens in chemically induced tumors

*Proc Natl Acad Sci USA*, 1997, 94, 5991–5992

305. Wiman, G. & Klein, G.
An old acquaintance resurfaces in human mesothelioma


Natural resistance against tumors grafted into the brain in association with histocompatibility–class–I–antigen expression.

307. Trivedi, P., Winberg, G. & Klein, G.
Differential immunogenicity of Epstein–Barr virus (EBV) encoded growth transformation–associated antigens in a murine model system


308. Wen, T., Kono, K., Shahinian, A., Kiessling, R., Mak, T. W. & Klein, G
CD28 is not required for rejection of unmanipulated syngeneic and autologous tumors


309. Szekely, L., Pokrovskaja, K., Klein, G
Differential expression of nucleoskeleton and cytoskeleton associated proteins in Burkitt lymphoma derived and Epstein–Barr Virus immortalized lymphoblastoid cell lines


310. Klein, G
Foulds´ Dangerous Idea Revisited: The Multistep Development of Tumors 40 Years Later


Differential elimination of 3p and retention of 3q segments in human/mouse microcell hybrids during tumor growth


Restricted expression of Epstein–Barr virus (EBV)–encoded, growth transformation–associated antigens in an EBV– and human herpesvirus type 8–carrying body cavity lymphoma line

313. Laytragoon–Lewin, N., Kashuba, V., Mellstedt, H., Klein, G
bcl–2 rearrangement detected by pulsed–field gel electrophoresis (PFGE) in B–chronic lymphocytic leukemia (CLL) cells


314. Klein, G
Dysregulation of B lymphocytes by chromosomal translocations and auxiliary changes associated with malignant transformation. The International Symposium on Immunoglobulin Genes and B Lymphocytes.


Simultaneous detection of two independent antigens by double staining with two mouse monoclonal antibodies


316. Wen, T., Trümper, L., Fung–Leung, W., Rahemtulla, A., Klein, E., Klein, G
Requirement of the CD8+ or CD4+ T lymphocyte subsets for the rejection of lymphoma and fibrosarcoma grafts studied in gene knockouts hosts


317. Klein, G and Klein E
Sinking surveillance´s flagship


318. Teramoto, N., Szekely, L. & Klein, G
Differential expression and localization of EBER–1 and EBER–2 in Epstein–Barr virus– carrying cells


319. Teramoto, N., Pokrovskaia, K., Szekely, L., Polack, A., Yoshino, T., Akagi, T., Klein, G
Expression of cyclin D2 and D3 in lymphoid lesions

320. Szeles, A., Falk, K., Imreh, S., Klein, G
Visualization of alternative Epstein–Barr virus expression programs by fluorescent in situ hybridization at the cell level

321. Klein, G
The tale of the great cuckoo egg

322. Ehlin-Henriksson, B., Zou, J-Z., Klein, G., Ernberg, I
Epstein–Barr virus genomes are found predominantly in IgA-positive B cells in the blood of healthy carriers
Int. J. Cancer, 1999, 83:50–54

323. Szekely, L., Kiss, C., Mattsson, K., Pokrovskaja, K., Juhasz, A., Holmvall, P-. Klein, G.
Human Herpesvirus-8-encoded LNA-1 accumulates in heterochromatin-associated nuclear bodies

324. Kashuba, E., Kashuba V., Pokrovskaja, K., Klein, G., Szekely, L.
Epstein–Barr virus encoded nuclear protein EBNA-3 binds XAP-2, a protein associated with Hepatitis B virus X antigen

Augmentation of leukocyte infiltration in murine tumors expressing B-cell derived but not nasopharyngeal carcinoma derived EBV membrane protein LMP1.

Epstein–Barr virus infection to Epstein–Barr virus-negative nasopharyngeal carcinoma cell line TW03 enhances its tumorigenicity

Laboratory Investigation, 2000, 80 (3):303–312.

327. Hu, L-F., Troyanovsky, B., Zhang, X., Trivedi, P., Ernberg, I., Klein, G
Differences in the immunogenicity of latent membrane protein 1 (LMP1) encoded by Epstein–Barr virus genomes derived from LMP1-positive and -negative nasopharyngeal carcinoma.


328. Klein, G.
Simian virus 40 and the human mesothelium


329. Klein, G
The strange road to the tumor specific transplantation antigens (TSTAs)

Cancer Immunity, 2001, 1: 6–9

330. Mattsson K., Pokrovskaja, K., Klein, G., Szekely, L.
Proteins associated with the PML–containing nuclear body move to the nucleolus upon inhibition of proteasome–dependent protein degradation


331. Klein, G
Are there uncharted regions of tumor suppressor genes?

IUBMB Life, 2001, 51: 1–3

332. Klein G
Perspectives in studies of human tumor viruses


333. Klein,G. and Klein E
Bridge or ravine?

EBNA promoter usage in EBV negative Burkitt lymphoma cell lines converted with a neomycin-resistant EBV strain.


Latent nuclear antigen of Kaposi’s sarcoma herpesvirus/human herpesvirus-8 induces and relocates RING3 to nuclear heterochromatin regions


336. Klein, G., Powers, A., Croce, C
Association of SV40 with human tumors


337. Kassis, J., Maeda, A., Teramoto N., Takada, K., Wu, C., Klein, G., Wells, A
EBV-expressing AGS gastric carcinoma cell sublines present increased motility and invasiveness


338. Kiss H., Yang, Y., Kiss, C., Andersson, K., Klein, G., Imreh, S., Dumanski, J.P
The transcriptional map of the common eliminated region 1 (C3CER1) in 3p21.3


339. Klein G
Tumor suppressor genes: specific classes.


340. Klein, G
Genetic and Epigenetic Contributions to Tumor Evolution

341. Klein, G.  
Commentary: nasopharyngeal cancer  

An integrated physical and gene map of the 3.5–Mb chromosome 3p21.3 (AP20) region implicated in major human epithelial malignancies  

343. Ehlin-Henriksson, B., Gordon, J., Klein, G.  
B lymphocyte subpopulations are equally susceptible to Epstein–Barr virus–infection irrespective of immunoglobulin isotype expression.  
Immunology, 2003, 109, 1–4.

Coincidence of synteny breakpoints with malignancy-related deletions on human chromosome 3.  

345. Höglund, P., Kärre, K., Klein, G  
The uterine cervix – a new member in the family of immunologically exceptional sites?  

346. Kiss, C., Nishikawa, J., Takada, K., Trivedi, P., Klein, G., Szekely, L.  
T cell leukemia I oncogene expression depends on the presence of Epstein–Barr virus in the virus–carrying Burkitt lymphoma lines.  
PNAS, 2003, 100:4813–4818

347. Imreh, S., Klein, G., Zabarovsky, E.R  
Search for unknown tumor antagonizing genes

Upregulation of LMP1 expression by histone deacetylase inhibitors in an EBV carrying NPC cell line

Virus Genes, 28:1 117–124, 2004

349. Nishikawa, J., Kiss, C., Imai, S., Takada, K., Okita, K., Klein, G., and Szekely, L
Upregulation of the truncated basic hair keratin 1(hHb1–DeltaN) in carcinoma cells by Epstein–Barr virus (EBV)


350. Kashuba, E., Mattsson, K., Pokrovskaja, K., Protopopova, M., Kiss, C., Ehlin–Henriksson, B., Klein, G., Szekely, L
EBV–encoded EBNA–5 associates with 14ARF in extranucleolar inclusions and prolongs the survival of P14ARF–expressing cells.


351. E. Kashuba, E., Mattsson, K., Klein, G., Szekely, L
p14ARF induces the relocation of HDM2 and p53 to extranucleolar sites that are targeted by PML bodies and proteasomes


352. Klein, G.
Cancer, Apoptosis and Non Immune Surveillance


353. Silva, S., Kovalchuk, A., Kim, J.s., Klein, G., Janz, S
BCL2 accelerates inflammation–induced BALB/c plasmacytomas and promotes novel tumors with co–existing T (12;15) and T(6;15) translocations


Winberg, G., Ernberg, I., Braga, E., Lerman, M., Klein, G., Zabarovsky, E
RBSP3 (HYA22) is a tumor suppressor gene implicated in major epithelial malignancies

PNAS, 2004, 101:4906–4911

Inactivation of RASSF1C during in vivo tumor growth identifies it as a tumor suppressor gene

Oncogene 2004, 23:5941–5949

356. Carbone, M., Klein, G., Gruber, J., Wong, M
Modern criteria to establish human cancer etiology


357. Kost-Alimova M, Fedorova L, Yang Y, Klein G and Imreh S
Microcell-mediated chromosome transfer provides evidence that polysomy promotes structural instability in tumor cell chromosomes through asynchronous replication and breakage within late–replicating regions


Functional characterization of the candidate tumor suppressor gene NPRL2/G21 located in 3p21.3C


In vitro EBV–infected subline of KMH2, derived from Hodgkin lymphoma, expresses only EBNA–1, while CD40 ligand and IL–4 induce LMP–1 but not EBNA–2


360. Nagy N., Takahara M., Nishikawa J., Bourdon J.C., Kis L. L., Klein G. and Klein E
Wild type p53 activates SAP expression in lymphoid cells


361. Liu A, Arbiser JL, Holmgren A, Klein G, Klein E PSK and Trx80 inhibit B cell growth in EBV infected cord blood mononuclear cells through T cells activated by the monocyte products IL15 and IL12


Virus Genes, 2005, 30:3221–328

364. Klein, G
Surveillance team against cancer


365. Klein George
p53 as seen by an outsider. In 25 Years of p53 Research


366. Klein, George
Brilliant, Maligned Queen: Reflections about the new biology. In Consciousness, Genetics and Society, Perspectives from the Engelsberg seminar 2002

Edited by K. Almqvist and E. Wallrup.

367. Darai, E., Kost–Alimova, M., Kiss, H., Kansoul, H., Klein, G., Imreh, S
Evolutionarily plastic regions at human 3p21.3 coincide with tumor breakpoints identified by the elimination test.


368. Klein G and Klein E
Surveillance against tumors Is it mainly immunological?

Immunology Letters, 100, 29–33, 2005

369. Silva S., Wiener, F., Klein, G., Janz, S
Location of Myc, Igh, and Igk on Robertsonian fusion chromosomes is inconsequential for myc translocations and plasmacytoma development in mice, but Rb(6.15)–carrying tumors prefer Igk–myc inversions over translocations


370. Klein G
EBV and the tumor virus context


371. Benedek, K., Choduba, I., Klein, G., Wiener, F., Mai, S
Rearrangements of the telomeric region of mouse chromosome 11 in Pre–B ABL/MYC cells revealed by mBANDING, spectral karyotyping, and fluorescence in–situ hybridisation with a subtelomeric probe.

Chromosome Research, 12:777–785, 2004

372. Kashuba, E., Gradin, K., Isagulians, M., Szekely, L., Poellinger, L., Klein, G., Kazlauskas, A
Regulation of transactivation function of the aryl hydrocarbon receptor by the Epstein–Barr virus encoded EBNA–3 protein

J Biol Chem, 281:1215–1223

Multipoint interphase FISH analysis of chromosome 3 abnormalities in 28 childhood AML cases

374. Ehlin-Henriksson, B., Mowafi, F., Klein, G., Nilsson, A. Epstein-Barr virus infection negatively impacts the CXCR4-dependent migration of tonsillar B cells

Immunology, 117:379–385, 2006


376. Lorand L. Kis, Miki Takahara, Noemi Nagy, George Klein, and Eva Klein "IL–10 can induce the expression of EBV–encoded latent membrane protein–1 (LMP–1) in the absence of EBNA–2 in B–lymphocytes, in Burkitt lymphoma–, and in NK–lymphoma derived cell lines"


377. Kis, L.L., Takahara, M., Nagy, N., Klein, G., Klein, E. Cytokine mediated induction of the major Epstein–Barr virus (EBV) encoded transforming protein, LMP–1


381. Klein, G., Imreh, S., Zabarovsky, E.R
Why do we not all die of cancer at an early age?