

Subject Index

- Abl 155
Acute leukemia 175
 see also leukemia
ADCC 511
Adult-T-cell leukemia 317, 343
AEV 287
AIDS 321, 328, 338, 346
Alkaline phosphatase 180
Alloimmunization to leukocytes 103
A-MuLV 298
Antibiotics 112, 120, 128
Antiemetics 143
Antigen-presentation 481, 487
Antigen processing 481
Aplastic anemia 168, 201
ATL patients 331
Autonomy 477
Autoreactivity idiotyps 479
Avian retrovirus MH2 280
- Bacteria 112, 120
B cells 299, 456, 461
 -, repertoire 4
BCR-gene 151
BFM-AML-78 83
BLV 326
Blym 274
B lymphocytes μ -positive cells 434
Bone marrow 463
 -, transplantation 29, 35, 39, 42, 96
 - -, autologous 36
 - -, GVHD-cells 34
 - -, in CML 51
- Burkitt lymphoma 254, 261, 274, 308
By-passing genetic defects 359
- C-able oncogene 152, 155
Carcinogens 239
 -, multigene 14
 -, promoters 242, 306
 -, singlegene 13
CEA 194
Cell-cell-interaction 486
 -, differentiation 427
 -, lines 430
C DNA 392
Chemical carcinogenesis 492
Chemotherapy
 -, combination 71, 97, 172
 - -, antiemetics in 143
 -, for childhood AML 82
Chromatin structure 261
Chromosomes 145, 253
Colera venom factor 514
Combination chemotherapy 71, 97, 172
Cutaneous T-cell lymphoma 336
Cytosine arabinoside
 -, high dose treatment 54
 -, low dose treatment 57, 61
Cytoskeleton 304
- Differentiation 404, 423, 436
 -, antigens 455
 -, factors 354, 409
 -, induction 430
- , in leukemia 296, 354, 409
 -, of leukemia cells 59, 409
Diffusion chamber culture 438
Dihydrofolate reductase 90
Discriminant analysis 207
Dispensable genes 224
DNA-binding proteins 218
DNA synthesis 406
Drug resistance 91
Dyserythropoiesis 172
- eIF-2- α -Kinase 302
Elisa assay 336, 338
Empiric antimicrobial 112
Endotoxin 107
Enzyme marker analysis 187
Epidermal growth factor receptor 285
Epipodophyllotoxin 70
Epstein-Barr virus 308, 312
erb B 285
Erythroid cells 293
Eukaryotic expression vector 382
Evolutionary relics 225
- Fetal lymphopoiesis 464
F protein 5
- Gene
 -, amplification 91
 -, cloning 380, 385

- Gene
 –, expression 217
 –, regulation 263
 GM-CSF 380
 Graft-versus-host disease 42
 –, producing cells 35
 Granulocyte transfusion 125
 Granulocytopenia 112, 119
 Growth factor 204, 354, 364
 –, receptors 285
- Haemopoiesis 376
 Haemopoietic growth factor 382, 385
 –, mRNA 385
 Hairy cell leukaemia 466
 HEL 431
 Hematopoietic stem cell 398, 419
 Herpesvirus
 –, MAL-1 312
 β -Hexosaminidase isoenzyme 187
 High-performance 397
 HL-60 97, 257, 373, 424
 Hodgkin's disease 444
 Homing receptors 450
 Hormone regulation 218
 HTLV 200, 331, 338, 345
 –, I 392
 –, I antibodies 336, 342
 –, integration sites 332
 –, I p19 343
 Human endogenous retroviruses 204, 207
 Human T-cell leukemia virus 317, 326
 Hybrid *onc* genes 11
- Idiotypic network 478
 Igh-linker genes 474
 Immunocytochemistry 184, 191
 Immunogold method 174
 Immunologic phenotype 147
 Immunoprecipitation 339
 Immunotherapy 97, 110
 Immunotoxins 35
- Important genes 224
 Infection 112, 120
 –, supportive care 125
 Interferon
 –, therapy with 52
 Interleukin-2 388, 397
 In vitro mutagenesis 281
 Isoenzymes 431
- J chain 443
- K 562 431, 446
 Ki-1 antigen 442
 Killer cells 508
- Leukemia 155, 209, 292, 407, 413, 426, 436, 446, 458
 –, adult 48, 53, 57, 67
 –, ALL 29, 39, 53, 63, 68, 75, 79, 84, 96, 172
 –, AML 61, 82, 159, 166, 190, 195, 201, 423, 446
 –, ANLL 30, 39, 44, 48, 57, 71
 –, children 63, 75, 79, 82, 84
 –, CLL 467, 508
 –, CML 51, 147, 154, 165
 –, differentiating factor 400
 –, differentiation of 59
 –, monoblastic 509
 –, surface marker in 68
 Leukaemic cells 175
 Leukemogenesis 453
 Leukocyte-conditioned medium 433
 Leukocytes-free-RBC-transfusion 104
 Liposomes 482
 Liquid chromatography 396
 Long-term marrow culture 164, 368
 LPS 107
 Lymphocytes
 –, activated 444
 Lymphokine 424
 Lymphomas 256, 346, 426
 –, Non-Hodgkin's 64, 211
- Malignant lymphoma 148
 Marrow culture 164, 368
- Marrow Transplantation
 see Bone marrow transplantation
 MCGF 385
 MDS 61, 402
 Metastasis 502
 Methotrexate 90
 –, intermediate 75
 MHC antigens 471, 501
 MHCI genes 277
 MHT 271
 Mil/rat oncogene 282
 Monoblastic leukemia see Leukemia
 Monoclonal antibodies
 174, 181, 190, 445, 455, 508, 514
 –, conjugates with CVF 514
 –, in bone marrow transplantation 35
 Multidrug induction treatment 172
 Multigene-carcinogenesis 14
 Multilineage hematopoietic colonies 434
 Murine retrovirus 3611-MSV 282
 Myc 226, 254, 261, 266, 270, 282, 372
 –, RNA 374
 Myelodysplasia 61, 402
 Myeloid leukemia 446
 see also Leukemia
 Myelolactoferrin index 183
- NIH 3T3 cells 18, 273, 278, 314
 NK cells 201, 493, 509
 Nucleotide sequence 270
 Nutrition support, children 139
- Onc-genes 10, 149, 152, 155, 224, 228, 261, 269, 273, 282, 285, 368, 506
 –, amplification 257
- p15E-RT 204
 Papillomavirus 307
 Parenteral nutrition 142
 Phagocytosis 511

- Ph¹-chromosome 151, 154, 257
- Phorbol ester 436
- Phosphatase 302
- Phosphotyrosin Proteins 300
- Plasminogen activator 198
- Platelet transfusion 132
- Pluripoiectin 400, 420
- , colony-stimulating factor 399, 419
- , stem cells 434
- Primate 345
- Progenitor cells 377
- Prognostic factors
- , in leukemia 49, 63, 80, 88, 197
- Promotor 306
- Prophylaxis 121
- Protein
- energy malnutrition 138
- cinase 298
- purification 396
- –, of pluripotent CSF 399
- Proto-*onc* genes 10
- , activated 13

- RAEB 57
- Ras 273
- , oncogene 20, 161
- RBC transfusion 102
- , leukocytes free 104
- Receptors 389
- Recombinant DNA 381

- Reversion of malignancy 359
- Regulatory elements 221
- Regulatory genes 232, 237
- Regulin 303
- Repertoires 473, 478
- Retroviruses 269, 290, 345, 376
- , human 317
- , receptor 452

- Self-renewal 364
- Self tolerance 3, 487
- Sepsis 110
- Seroepidemiology 336, 348
- Serum markers 210
- Shock 110
- single-gen carcinogenesis 13
- Sis 156
- Splenocytes 493
- Stem cells 163, 368
- Sternberg-Reed cells
- , origin of 441
- Steroid receptors 220
- Stromal progenitor cells 168
- Survival
- , long term in ANL 46
- Synergy 406

- T-cell 317, 396, 459
- , depletion 35, 43
- , differentiation 277, 486
- , growth factor 396
- , lines 428

- , lymphoma 336
- , receptor 450, 473
- , repertoire 4, 473
- , stimulation 483
- Therapy cancer
- , empiric antimicrobial 112
- Thym 1 277
- Thymus 450
- T-lymphocyte 277, 424
- Transfection 274, 314
- Transformation 377
- Translational control 302
- Translocation 263
- Transplantation see Bone marrow transplantation
- Treatment
- , leukemia 79
- , multidrug 64
- , results (childhood AML chemotherapy) 83
- , tolerance 141
- Trimetrexate 93
- Tumor promotor 306

- Ultrastructural cytochemistry 174
- Uncoupling normal controls 357
- Urokinase 198

- Vaccine 3
- v-erbB 295
- Vitamin D 409

- Xiphophorus 228