

Subject index

A

- ABCD 56, 58
ABCDE criteria 85
Abrikossoff tumour 274
Acantholytic acanthoma 39, 40
Acantholytic squamous cell carcinoma 21
Acanthoma 39
Acanthosis nigricans 260, 289
Accessory tragus 253
Acetylcholinesterase 60
Acid mucopolysaccharides 132, 254
Ackerman tumour 22
Acquired progressive lymphangioma 248
Acquired unguis fibrokeratoma 257
Acral arteriovenous tumour 245
Acral fibrokeratoma 257
Acral lentiginous melanoma 55, 73
Acral melanoma 73-75
Acral naevus 110
Acral pseudolymphomatous angiokeratoma of children (APACHE) 213
Acral verrucous hyperkeratosis 289
Acrochordon 17, 258
Acrodermatitis enteropathica 260
Acromegaly 291
Acrospiroma 131, 133, 143
Acrosyringial adenomatosis 142
Acrosyringia 24, 31
Acrotrichium 27, 28
Actinic elastosis 47, 66
Actinic keratoses 11, 12, 30-33, 44, 47, 282
Actinic lentigo 40
Actinic reticuloid 212, 213
Activated skin-homing T-cell 181
Acute lymphoblastic leukaemia 210
Acute lymphocytic leukaemia 80
Acute monoblastic/monocytic leukaemia (AMOL) 211
Acute myeloid leukaemia (AML) 211
Acute myelomonocytic leukemia (AMML) 211
Adamantinoid trichoblastoma 123
Adenoid basal cell carcinoma 19
Adenoid cystic carcinoma 123, 125, 134, 135
Adenopathy 204, 206
Adenosquamous carcinoma 24
Adnexal basaloid tumours 14
Adnexal carcinoma 123
Adult T cell leukaemia / lymphoma (ATLL) 189, 190
AE1 21, 22, 126, 138, 273
AE1/3 22
AE2/3 21
AE3 126, 138, 273
AE14 153
Aggressive digital papillary adenoma 133
Aggressive systemic mastocytosis 226
Agminated blue naevus 79
AIDS 261
AJCC classification 61, 64, 82
ALCL 180, 181, 193
Alcoholic cirrhosis 241
ALHE 237, 238
ALK 181, 193
Alkylating agent 11
Allergic contact dermatitis 111
ALM 73, 74, 75
Alopecia 77, 134, 175, 189, 202
Alpha SMA 126
Alpha-1 antichymotrypsin 258
Alpha-1-ACT 275
Alpha-1-antitrypsin 220, 225
Alpha-smooth muscle actin 256
Amelanotic melanoma 57
Amelanotic nodular melanoma 55
American Joint Commission on Cancer (AJCC) 232
American Joint Committee on Cancer 68, 137
AML See Acute myeloid leukaemia
AMML See Acute myelomonocytic leukemia
AMNGT See Atypical melanocytic naevus of the genital type
AMOL See Acute monoblastic/monocytic leukaemia
Amputation neuroma 266, 267
Anaphylaxis 227
Anaplastic large cell lymphoma 181
Anaplastic lymphoma 179
Anaplastic lymphoma related tyrosine kinase (ALK) 181
Aneurysmal fibrous histiocytoma 262
Angioblastoma of Nakagawa 240
Angiocentric cutaneous T-cell lymphoma of childhood 192
Angiocentric immunoproliferative lesion 202
Angiocentric lymphoma 202
Angiocentric T-cell lymphoma 191
Angioendotheliomatosis 236, 241
Angioendotheliomatosis proliferans systematisata 200
Angiofibroma 152, 258
Angioimmunoblastic T-cell lymphoma (AITL) 193
Angiokeratoma 242, 244, 245
Angiokeratoma circumscriptum naeviforme 242
Angiokeratoma corporis diffusum 244
Angiokeratoma corporis diffusum in Fabry disease 244
Angiokeratoma corporis diffusum, Mibelli and Fordyce 244
Angiokeratoma of Fordyce 244
Angiokeratoma 242, 244
Angiokeratoma of Fabry disease 244
Angioleiomyoma 231
Angiolymphoid hyperplasia with eosinophilia (ALHE) 214, 237
Angiomatoid fibrous histiocytoma 232
Angiosarcoma 21, 23, 24, 231, 232, 234, 238, 243, 246, 249
Angiotropic large cell lymphoma 200
Anhidrosis 244
Anhidrotic ectodermal dysplasia gene product 21
Animal type melanoma (epithelial melanocytoma) 81
Anisodendrocytosis 60
Anogenital verrucous carcinoma 36
Antiphospholipid syndrome 241
AP-1 transcription factor complex 177
APC 278
Apical snouts 135

- Apocrine adenocarcinoma 135
 Apocrine adenocarcinoma in situ 136, 138
 Apocrine adenoma 136, 145
 Apocrine carcinoma 135
 Apocrine cystadenoma 139
 Apocrine gland carcinoma 135
 Apocrine gland cyst 139
 Apocrine hidrocystoma 139, 289
 Apocrine mammary carcinoma 136
 Apoptosis 14, 185
 Apoptotic bodies 191, 205
 Appendageal tumour 122
 Apudoma 272
 Array CGH 75
 Arrector pili hamartoma 250
 Arrector pili muscles 245, 250, 252
 Arsenic 11, 20, 26, 32, 33
 Arsenic exposure 13
 Arsenical keratosis (As-K) 26, 32
 Arteriovenous anastomoses 245
 Arteriovenous haemangioma 245
 Arteriovenous malformation 238
 Arthropod bite 228
 Asthma 238
 Astrocytoma of the spinal cord 283
 Ataxia telangiectasia 211
 ATLL See Adult T cell leukaemia / lymphoma
 Atrophic dermatofibroma 262
 Atypical fibrous histiocytoma 262
 Atypical lentiginous melanocytic proliferation (ALMP) 70
 Atypical melanocytic naevus of the genital type (AMNGT) 110
 Atypical mixed tumour of the skin 128
 Atypical naevus 105
 Atypical nodular melanocytic proliferation 85
 Atypical pigmented spindle cell naevus 117
 Atypical proliferative nodules in giant congenital naevi 93
- B**
- Bacillary angiomatosis 240
 Bacille Calmette-Guérin (BCG) vaccine 55, 260
 Back to back appearance 234
 Bannayan-Riley-Ruvalcaba syndrome (BRRS) 288
 Bartonella bacteria 240
 Basal cell carcinoma 13-19, 285
 Basal cell carcinoma with adnexal differentiation 18
 Basal cell epithelioma 13
 Basal cell epithelioma with sebaceous differentiation 162
 Basal cell naevus syndrome (BCNS) 13, 15, 285
 Basaloid squamous cell carcinoma 14, 20
 Basaloid follicular hamartoma 18
 Basaloid sebaceous carcinoma 161
 Basic fibroblast growth factor (bFGF) 78
 Basosquamous carcinoma 18, 19
 Basosquamous cell carcinoma 18
 BCC See Basal cell carcinoma
 B-cell lymphoblastic leukaemia/lymphoma 210
 B-cell lymphoma 168, 198, 199, 200, 204
 BCL10 195
 Bcl-2 15, 69, 126, 155, 194, 197-200, 205, 219, 238,
 Bcl-6 194, 197-199, 204
 BCNS See Basal cell naevus syndrome
 Becker naevus 80, 250
 Bednar tumour 259
 Benign calcifying epithelioma 153
 Benign juvenile melanoma 114
 Benign lichenoid keratosis 47
 Benign lymphangiioendothelioma 248
 Benign lymphangiomatous papules 249
 Ber-EP4 15, 72, 126, 273
Beta 2 microglobulin 268
 BF1 185, 186
 BFGF 78
 BHD gene 158
 Birbeck granules 217, 219-221, 225
 Birds-eye cells 38
 Birt-Hogg-Dubé syndrome (BHD) 157, 158, 278
 B-K mole syndrome 105, 109, 279
 Blastic NK-cell lymphoma 208
 Blastoid NK-cell lymphoma 208
 Bloom syndrome 30, 211, 278
 Blue naevi 95-99
 Blue naevus-like melanoma 79
 Blueberry muffin syndrome 218
 BMPR1A 290
 Bombesin 273
 Bone morphogenic protein receptor type 1A gene (BMPR1A) 290
 Borrelia 195, 206, 212, 213
 Borrelia burgdorferi 194, 206, 212, 213
 Borrelia infection 195
 Borrelia-induced pseudolymphoma 212
 Bourneville disease See Tuberosus sclerosis
 Bowen disease 11, 12, 20, 26, 28, 29, 31, 32, 36, 43, 44, 47
 Bowen or Paget disease 66
 Bowenoid actinic keratoses (BAK) 31
 Bowenoid dysplasia 26
 Bowenoid papulosis 11, 12, 26, 28, 29, 36
 Bowenoid solar keratosis 28
 Bowenoid squamous carcinoma in situ (BSCIS) 26
 BRAF 67, 72, 75, 78, 95, 101, 116
 BRAF mutations 78, 93
 Breast cancer 279
 Breast carcinoma 136-138, 153
 Breast fibroadenoma 288
 Breslow thickness 62, 64, 78, 82, 85
 Brocq disease 171, 215
 Bromide compounds 234
 Brooke-Fordyce disease 152, 153
 Brooke-Spiegler disease 145, 152, 153
 Brooke-Spiegler syndrome 145
 Brook-Fordyce disease 152
 Bullous pemphigoid 142
 Bunn-Lamberg staging system 175
 Burkitt lymphoma 205
 Burn scar 56
 Buschke-Löwenstein tumour 22, 23
 2-Butoxyethanol solvent 234
- C**
- C to T mutation 11
 CA15.3 161
 Café-au-lait spots 222, 223, 289
 Calcification 19, 46, 140, 149, 151, 214, 234, 253, 256, 286, 287
 Calcifying epithelioma of Malherbe 153
 Calcitonin 273
 C-ALCL 179, 180, 181
 Callus 75
 Calretinin 275
 CAM 5.2 21, 22, 28, 75, 131, 135, 136, 138, 273
 Campbell de Morgan spots 233
 Candidiasis 23
 Caput Medusae pattern 156

Carbonic anhydrase 234
 Carcinoembryonic antigen 24, 43, 72, 123, 135, 136, 138, 140, 147
 Carcinoma in-situ (CIS) 161
 Carcinoma of the Bartholins glands 138
 Cardiac arrhythmia 292
 Cardiac insufficiency 225
 Cardiac myxoma 292
 Cardiac myxoma emboli 292
 Cardiopulmonary 225
 Carney complex 97, 103, 291, 292
 Cathepsin B 223
 Cavernous haemangioma 234, 243
 CC to TT mutation 11
 CCND1/cyclin D1 204
 CD1a 210, 213, 217, 219-221, 223, 225
 CD2 171, 175, 176, 180, 181, 185-187, 191-193, 208, 210
 CD3 138, 171, 175, 176, 178, 180, 181, 185-187, 190-193, 202, 208, 210, 211
 CD3e 191
 CD4 112, 171-76, 178, 180, 181, 185-187, 190, 192, 193, 202, 206, 208, 210, 215, 216, 219
 CD4+, CD56+ agranular haemodermic neoplasm 208
 CD5 171, 175, 176, 178, 180, 181, 185-187, 192-194, 197, 200, 204-206, 210
 CD7 171, 176, 178, 180, 181, 185-187, 190, 192, 193, 208, 210
 CD8 118, 171, 173, 175, 176, 180, 183, 185-187, 190, 192, 210, 215
 CD8+ cytotoxic T cell lymphoma 118, 185
 CD10 194, 197, 198, 200, 204-206, 210
 CD11c 220
 CD14 220, 223
 CD15 153, 161, 180, 207, 214, 223, 225
 CD19 190, 194, 196, 210
 CD20 190, 194, 196, 198, 199, 204-206, 210, 211, 213
 CD21 195, 197, 213
 CD22 194, 196, 210
 CD23 194, 197, 204-206
 CD24 210
 CD25 (interleukin 2-receptor) 180, 181, 190, 228
 CD26 176
 CD30 170, 171, 173, 178-181, 184, 186, 187, 190, 192, 193, 207, 211, 214
 CD30+ T-cell lymphoproliferative disorders 179
 CD30L 179
 CD30-positive T-cell lymphoproliferative disorders (LPD) of the skin (CD30+LPD) 179
 CD31 24, 235, 236, 238-240, 246-259, 262
 CD34 98, 127, 159, 208, 211, 221, 235, 236, 238-240, 246, 248, 250, 256, 258-262, 270
 CD34+ haematopoietic precursor cells 228
 CD35 197
 CD38 206
 CD43 191, 192-194, 197, 206, 208, 210, 211
 CD44 273
 CD45 211, 228
 CD45RO 171, 176, 178, 181, 190, 192
 CD56 180, 185, 191, 192, 208, 209, 211
 CD57 (Leu-7) 192, 265, 267, 270, 275
 CD68 208, 211, 219-221, 223, 225, 236, 262, 275
 CD71 181
 CD74 211
 CD79a 194, 198, 210, 213
 CD95 (Fas) 32
 CD99 210, 268, 273
 CD117 228, 273
 CD123 209
 CD138 198, 199
 CD207 (langerin) 220
 CDK 280
 CDKN2A (p16) 32, 54, 63, 67, 69, 108, 109, 278-281
 CDKN2A germline mutation 280
 CEA 28, 43, 123, 125, 129-132, 135, 138, 140, 144, 148, 153
 Cell adhesion molecule 69
 Cell division kinase 4 279
 Cellular blue naevus 96
 Cellular fibrous histiocytoma 262
 Cellular neurothekeoma 270
 C-erbB-2/HER-2/neu 127, 161
 Cerebriform nuclei 170, 175, 176, 178, 180
 Ceruminous gland carcinoma 135
 CGD-TCL 184, 185
 CGH See Comparative genomic hybridization
 Chemotherapy 23, 131, 185, 208, 210, 246, 269
 Cherry haemangioma 233
 Cherry-type haemangioma 235, 236
 Childhood melanoma 84
 Chimeric COL1A1-PDGFB gene 259
 CHL See Classical Hodgkin lymphoma
 Chloroma 211
 Chondroid syringoma 147, 148
 Chromogranin 269, 273
 Chromosomal translocation 172, 197, 261
 Chromosome 1 (1p36) 108, 109, 273
 Chromosome 11q24 269
 Chromosome 13q 142
 Chromosome 16q12-q13 153
 Chromosome 17p11.2 158
 Chromosome 6q deletion 127
 Chromosome 9p21 63, 69, 109, 145, 153
 Chromosome 9q22-q31 45
 Chronic actinic reticuloid 176
 Chronic arsenism 260
 Chronic lymphatic leukaemia 34
 Chronic lymphocytic leukaemia 205
 Chronic lymphocytic leukaemia/small lymphocytic lymphoma 205
 Chronic myelogenous leukaemia (CML) 211
 Chronic myelomonocytic leukaemia (CMML) 211
 Chronic superficial dermatitis 215
 Chylothorax 249
 Chylous ascites 249
 Cirsoid aneurysm 245
 CK 5, 8, 14 and 15 153
 CK5/6 22
 CK7 126, 127, 138, 153
 CK20 15, 127, 138, 153, 273
 C-KIT 226, 228
 C-KIT mutations 226, 228
 CLA 172, 176, 228, 278, 279
 Clark model 64
 Clark naevus 105
 Clark's levels of invasion 64
 Classical Hodgkin lymphoma (CHL) 207
 Clear basal cell carcinoma 19
 Clear cell acanthoma 39, 40, 43
 Clear cell hidradenoma 143
 Clear cell papulosis 138
 Clear cell sarcoma 232
 Clear cells of Toker 138
 Clear-cell eccrine carcinoma 131
 Clear-cell hidradenocarcinoma 131
 Clear-cell papillary carcinoma 131

Clear-cell squamous cell carcinoma 20
 Clear-cell syringoma 140
 Cleft lip 96
 Clonal dermatitis 213
 Clonal rearrangement of T cell receptor genes 180, 181, 183
 Clonal seborrhoeic keratosis 42
 Clonally rearranged IgH genes 195
 Clonally rearranged immunoglobulin genes 197
 Clonally rearranged T-cell receptor gene 186, 192
 CML See Chronic myelogenous leukaemia 211
 CMM1 81, 279
 CMML See Chronic myelomonocytic leukaemia
 C-MYC 172, 205
 C-MYC mutations 205
 C-MYC translocation 205
 CNC1 gene 291, 292
 CNC2 gene 292
 Coagulative defects 154
 Cobb syndrome 242, 247
 Cocco-bacillary organisms 240
 Cockayne syndrome 30
 Collagen ball formation 262
 Collagen type IV 234, 265, 267, 270
 Colloid, gelatinous and adenocystic carcinoma 132
 Coloboma 253
 Colonic polyps 46
 Columnar trichoblastoma 152
 Combined dermatofibroma 262
 Combined naevus 89, 95, 99, 100, 101
 Comedonal Darier disease 40
 Common acquired melanocytic naevi 108
 Common basal cell carcinoma 123
 Common blue naevus (BN) 95
 Common wart 36
 Comparative genomic hybridization (CGH) 67, 69, 72, 75, 81, 84, 94, 98, 108, 116, 177, 197
 Condylomata acuminata (genital warts) 34, 35
 Condylomata plana (flat cervical condylomas, plane condylomas) 34
 Congenital fibrosarcoma 256
 Congenital generalized fibromatosis 256
 Congenital ichthyosiform erythroderma 39
 Congenital leukaemic infiltrates 218
 Congenital lymphoedema 239
 Congenital melanocytic naevi (CMN) 55, 79, 82, 93, 94, 108
 Congenital melanoma 84
 Congenital mesenchymal hamartoma 256
 Congenital midline hamartoma 252
 Congenital naevi of the meninges 83
 Congenital naevus 84, 85, 89, 94, 108
 Congenital naevus-like naevus 93
 Congenital non-progressive haemangioma 233
 Congenital pattern-like naevus 93
 Congenital pilar and smooth muscle naevus 250
 Congenital reticulohistiocytosis 218
 Congenital self-healing Langerhans cell histiocytosis 218
 Congenital self-healing reticulohistiocytosis (CSHRH) 218
 Congenital smooth muscle naevus 250
 Consumption of the epidermis 59
 Contraceptive pills 244
 Cornea verticillata 244
 Corneocytes 14, 156, 157
 Cowden disease 155, 156, 231, 253, 256, 278, 288
 Cowden syndrome (CS) 124, 158, 288, 290
 Craniofacial clefts 253
 Cribriform trichoblastoma 152
 Crusts 192
 Cryoglobulinaemia 241
 CSHRH 218, 219
 CT 58, 169, 231, 272
 CTNBN1 155
 CU18 161
 Cushing syndrome 291
 Cutaneous (dermal) leiomyosarcoma 251
 Cutaneous adnexal carcinoma 127, 138
 Cutaneous adult T-cell leukaemia / lymphoma 189
 Cutaneous angiosarcoma 246
 Cutaneous B-cell lymphoma (CBCL) 198, 213, 214
 Cutaneous B-cell pseudolymphoma (B-PSL) 212
 Cutaneous diffuse large B-cell lymphoma 198
 Cutaneous follicle centre lymphoma (FCL) 196, 199
 Cutaneous follicular lymphoid hyperplasia with monotypic plasma cells 194
 Cutaneous gd T-cell lymphoma (CGD-TCL) 184
 Cutaneous histiocytoid angioma 237
 Cutaneous involvement by myeloid leukaemia 211
 Cutaneous involvement in primary extracutaneous B-cell lymphoma 204
 Cutaneous involvement in primary extracutaneous T-cell lymphoma 193
 Cutaneous leiomyosarcoma 251
 Cutaneous lichen amyloidosis 279
 Cutaneous lobular neuromyxoma 270
 Cutaneous lymphocyte antigen (CLA) 172
 Cutaneous lymphoid hyperplasia 212
 Cutaneous lymphoproliferative disorders (CLD) 168
 Cutaneous malignant melanoma 279
 Cutaneous marginal zone B-cell lymphoma 194
 Cutaneous mastocytosis (CM) 226-228
 Cutaneous melanoma 54, 63, 73, 81, 279, 280
 Cutaneous pseudolymphoma 212, 214
 Cutaneous reticulohistiocytoma 224
 Cutaneous sebaceous neoplasms 279
 Cutaneous T-cell lymphoma (CTCL) 138, 169, 172, 175, 180, 184-186, 214, 216
 Cutaneous T-cell pseudolymphoma (T-PSL) 212
 Cyclin D1 32, 69, 75, 238, 204-206, 280
 Cyclin-dependent kinase inhibitor 69
 Cyclin-dependent kinase inhibitor 2A 279
 Cyclin-dependent kinase 63, 280
 Cyclindroma 279
 CYLD1 278
 Cylindroma 130, 143-145
 Cylindrosarcoma 145
 Cystic BCC 19
 Cystic sebaceous tumour 163
 Cytophagic panniculitis 182
 Cytoplasmic CD3 210

Cytoplasmic intermediate filaments 69
Cytotoxic gd T-cells 185
Cytotoxic T-cell lymphoma 173
Cytotoxic T-cells 185, 186, 192

D

D2-40 247
Darier sign 227
DDB2 278
DDBI 278
De Morgan spots 233
Deep foot warts 34, 37
Deep penetrating naevi 60, 61, 87, 89, 98, 100
Deeply pigmented seborrheic keratosis 43
Definite malignant lymphoma of high-grade malignancy (LHM) 168
Definite malignant lymphoma of low-grade malignancy (LLM) 168
Degos acanthoma 43
Delleman syndrome 253
Dendritic cells 63, 101, 170, 181, 195, 197, 209, 213, 217, 220, 259
Dermal duct tumour 141
Dermal leiomyosarcoma 251
Dermal melanocytic tumour of uncertain potential in a giant congenital naevus 94
Dermal variant of minimal deviation melanoma in a giant congenital naevus 94
Dermatofibroma 77, 78, 91, 100, 214, 256, 258, 260-262
Dermatofibroma (fibrous histiocytoma) 261
Dermatofibroma with monster cells 262
Dermatofibrosarcoma protuberans 259, 262
Dermatomyofibroma 255, 256
Dermatomyositis 225
Dermatoscopy 13, 43, 44, 47, 57, 58, 110, 117
Dermatosis 42, 279
Dermatosis papulosa nigra 42
Dermographism 227
Dermoscopy 57, 117
De-Sanctis Cacchione syndrome 282, 283
Desmin 250, 251, 253, 256, 257, 259, 260, 269

Desmoplasia 57, 78, 97, 98, 160
Desmoplastic melanoma 57, 61, 76, 89-91, 115
Desmoplastic naevus 78, 89
Desmoplastic neurotropic melanoma (DNM) 76
Desmoplastic squamous cell carcinoma 20
Desmoplastic Spitz naevus 101, 115, 258
Desmoplastic trichoepithelioma 15, 17, 127, 140, 153
Desmoplastic/neurotropic melanoma 89
Diabetes insipidus 218
Diabetes mellitus 140
Diffuse cutaneous mastocytosis 226
Diffuse dermal angiomatosis 241
Diffuse large B-cell lymphoma (DLBCL) 195, 199, 200
Diffuse large B-cell lymphoma (DLBCL), leg-type 198
Diffuse large B-cell lymphoma, other 198, 199
Diffuse neonatal haemangiomas 233
Digital fibrokeratoma 257
Digital focal mucinosis 257
Digital mucous cyst 257
Digital papillary adenocarcinoma 133
Digital papillary carcinoma 133, 134
Digitate dermatosis 215
Dilated pore (Winer) 157
Dioxin 231
Diphenylhydantoin 213
Diplopia 79
Disseminated pyogenic granuloma 240
DLBCL 198, 199
DNA mismatch repair 46, 163, 278
DNA repair 11, 64, 72, 105, 106, 282, 283
DNA repair genes 124, 283
Dowling Degos disease 43
Down syndrome 140, 211
Ductal adenocarcinoma of the breast 288
Ductal carcinoma in situ (DCIS) 138
Dutcher bodies 194
Dyskeratosis 12, 21, 27, 30, 31, 39, 40
Dyskeratosis with acantholysis (wartlike dyskeratoma) 39
Dysplastic (Clark) naevus 58, 59

Dysplastic combined blue naevus 108
Dysplastic halo naevus 108
Dysplastic naevus (DN) 59-61, 105-112, 118, 119
Dysplastic naevus syndrome 105, 279
Dysplastic naevus with a congenital pattern 108
Dysplastic neuronaevus 108
Dysplastic Spitz naevus 108

E

E4 proteins 35
Early nodular melanoma 89
EBER 191
EBV 185, 186, 191, 192, 202, 203, 209, 231
E-cadherin 21, 32
Eccrine epithelioma 126
Eccrine hidrocystoma 139
Eccrine porocarcinoma 128
Eccrine poroma 129, 141
Eccrine syringofibroadenoma 142
Eccrine syringofibroadenomatous hyperplasia 142
Eccrine syringoma 140
Ectropion 175, 282
Eczema 111, 137, 176
Eczematous halo 111
Elevatum diutinum 214
EMA 21, 125, 126, 129-132, 135, 138, 140, 148, 153, 161, 163, 181, 193, 199, 259, 269
Endocrine tumour 266
Endoneurial fibroblast 267
Endophytic common wart 38
Enteropathy-type T-cell lymphoma 183
Entropion 282
EORTC 184
Eosinophilia 172, 238
Eosinophilic bodies 39
Eosinophilic granuloma 218, 219
Epidermal cyst 46, 285
Epidermal dysplasia 11, 12
Epidermodysplasia verruciformis 30, 36, 38
Epidermodysplasia-verruciformis (EV)-HPV types 36
Epidermoid carcinoma in sebaceous cyst 150
Epidermoid cysts 279
Epidermolytic acanthoma 39, 40
Epidermolytic hyperkeratosis 39, 40

- Epidermotropic eccrine carcinoma 128
- Epidermotropic metastasis 138
- Epidermotropism 132, 170, 172, 176, 181, 185-187, 189, 191, 192, 213, 215, 216, 219
- Epiluminescence microscopy 57
- Epiluminescence microscopy 110
- Epithelial melanocytoma 81
- Epithelioid angiomatosis 240
- Epithelioid angiosarcoma 24
- Epithelioid cell histiocytoma 262
- Epithelioid haemangioma 237
- Epithelioid sarcoma 232
- Epithelioma cuniculatum 22, 23
- Epstein Barr 207
- Epstein Barr virus (EBV) 183, 185, 199, 202
- ERCC1 278
- ERCC2 278
- ERCC4 278
- ERCC5 278
- Eruptive syringoma 140
- Erythema 55, 105, 114, 137, 189, 192, 200, 212, 214, 227
- Erythematous nodule 17, 77, 125
- Erythematous scaly patches 137
- Erythroderma 169, 175-177, 189, 193
- Erythrodermic CTCL 175
- Erythroplasia of Queyrat (EPQ) 27
- Ewing sarcoma 264, 268
- EWS gene 269
- Exophthalmos 218, 225
- Expansile pattern of growth 68
- Extramammary Paget disease 71, 136
- Extramammary Paget's cells 17
- Extramedullary myeloid sarcoma 211
- Extranodal marginal zone B-cell lymphoma 194
- Extranodal NK/T-cell lymphoma 183, 191, 192
- Extranodal NK/T-cell lymphoma, nasal-type 191
- Extraskeletal Ewing sarcoma 268
- Eyelid hidrocystoma 142
- F**
- Fabry disease 244, 245
- Factor VIII 24, 237, 243, 247
- Factor VIII-related antigen 24, 237, 247
- Factor XIII 223
- Factor XIIIa 220, 221, 225, 262
- Familial atypical mole-malignant melanoma syndrome, FAMMM 279
- Familial atypical mole-melanoma syndrome 68
- Familial atypical multiple mole melanoma pancreatic carcinoma syndrome (FAMMMPC) 279
- Familial cancer syndromes 231
- Familial cutaneous melanoma 279
- Familial dyskeratotic comedones 40
- Familial melanoma 54, 105, 108, 109, 278, 279
- Familial multiple trichoblastoma and cylindroma (Brooke-Spiegler disease) 153
- Fanconi anaemia 211
- Faulty hair matrix 154
- FCC 196, 197
- FcgRII 233
- FCL 196, 197
- Ferguson Smith type keratoacanthoma 45
- Ferguson Smith type of "multiple self-healing epitheliomas" 46
- Fetal rhabdomyoma 253, 285, 286
- Fibrocytokines 78
- Fibroepithelial polyp 253
- Fibroepithelioma of Pinkus 17
- Fibroepithelioma 15, 17
- Fibroepithelial basal cell carcinoma 17
- Fibroepithelial polyp 258
- Fibrofolliculoma 157, 158, 159
- Fibroma durum 261
- Fibroma 286
- Fibromatous Tumours of the Skin 279
- Fibromin 278
- Fibroplasia 69, 71, 78
- Fibrosarcoma 78, 258, 260
- Fibrosclerosis 221
- Fibrous hamartoma of infancy 253
- Fibrous histiocytoma 78, 231, 232, 235, 260, 261
- Fibrous papule of the face 258
- FIGO (Fédération Internationale de Gynécologie et d'Obstétrique) 137
- Fine-needle aspiration cytology 231
- FISH 75, 177, 204, 269
- Fitzpatrick skin types 66
- Flat macule 56
- Flat seborrheic keratosis 42, 44
- Flat wart 38
- FLI-1 246, 268, 269
- Fluorouracil 28
- Focal epithelial hyperplasia (Heck's disease) 36
- Follicular adenocarcinoma 288
- Follicular centre cell lymphoma 196
- Follicular dyskeratoma 39
- Follicular hyperkeratosis 212
- Follicular infundibulum 156
- Follicular MF 173
- Follicular stroma 152
- Folliculo-sebaceous cystic hamartoma 157
- Folliculotropic MF 173
- Fordyce angiokeratoma 244
- Foreign body 75, 155, 222, 262
- Fungal disorder 75
- G**
- Ganglion of the distal interphalangeal joint 257
- Gardner syndrome 154, 278
- Gasoline 11
- Gastrin 273
- Gastrointestinal stromal tumours (GISTs) 226
- Gata-3 177
- GCDFP-15 125, 132, 138
- Gene rearrangement of immunoglobulin heavy chain genes, and T-cell receptor genes 210
- Generalized cutaneous histiocytosis (GCR) 224
- Generalized lymphangioma 249
- Genital melanosis/lentiginosis 103
- Genital naevus 110, 111
- Genital naevus with unusual histologic features 110
- Genodermatosis 36, 256, 285
- Germinative cells 13, 14, 16, 148
- Germline 39, 163, 191, 192, 209, 280, 287-290
- Germline mutations 231
- GFAP 269, 275
- Ghost vessels 233
- Giant cell fibroblastoma 258, 260, 261
- Giant cell histiocytosis 224
- Giant cell reticulohistiocytosis 224
- Giant condyloma acuminata (Buschke-Lowenstein tumour) 36
- Giant condyloma acuminatum 22
- Giant congenital naevus (GCN) 83
- Giant hair matrix tumour 150
- Giant keratoacanthoma 45
- Glabrous skin 26, 27, 46, 74

Glans penis 27, 103, 243, 244
 GLI 287
 Glomeruloid haemangioma 235, 236
 Glomus tumour 268
 Glucose-6-phosphate dehydrogenase 28
 GLUT1 233
 Glutathione-S-transferase null genotype 32
 Goldenhar syndrome 154, 253
 Gorlin syndrome 285
 Gorlin-Goltz syndrome 124, 285
 Gp100 63, 87
 Gp100 (recognized by HMB45) 63
 Grain leather 227
 Granular cell dermatofibroma 262
 Granular cell epulis of infancy 275
 Granular cell myoblastoma 274
 Granular cell nerve sheath tumour 274
 Granular cell Schwannoma 274
 Granular cell tumours (GCT) 274
 Granular-cell 19
 Granulocytic sarcoma 211
 Granuloma faciale 214
 Granulomatous inflammation 140, 163, 266
 Granulomatous MF 174
 Granulomatous slack skin 178
 Granzyme B 171, 180, 181, 183, 185-187, 191
 Granzyme M (metase) 183
 Grenz zone 198, 205, 210
 Gross cystic disease fluid protein (GCDFP) 136, 138
 Grover disease 40
 Grzybowski type keratoacanthoma 45
 GTPase-activating protein 278

H

Haemangioma 16, 114, 233-237, 239, 242, 243, 245, 258, 289, 262
 Haemangioma of infancy 233
 Haemangioma unilobularis naeviforme 242
 Haemangiopericytoma-like fibrous histiocytoma 262
 Haemangiosarcoma 246
 Haematopoietic stem cells 211
 Haemophagocytic syndrome 182, 183, 185, 191, 192
 Hailey-Hailey disease 40
 Hair disk (Haarscheibe) 158
 Hair follicle hamartoma 279
 Hair follicle naevus 157
 Halo dermatitis 111
 Halo eczema 111
 Halo naevus 59, 108, 111, 118, 119
 HAM56 223, 225
 Hamartin 278
 Hamartoma 156, 157, 245, 250, 251, 288
 Hand-Schüller-Christian-disease 218, 219
 Hashimoto thyroiditis 225
 Hashimoto-Pritzker disease 218, 219
 Hashimoto-Pritzker type 219
 H-caldesmon 256
 Heck's disease 36
 Hedgehog signaling pathway 13
 Hepatosplenomegaly 182, 192, 206, 218
 Hereditary non polyposis colon cancer syndrome (HNPCC) 163
 Herpes simplex 206
 Heterochromasia 59
 HHV-8 238, 239, 246, 249
 Hidradenocarcinoma 123, 131, 135
 Hidradenoma 123, 131, 143, 146, 147, 148
 Hidradenoma papilliferum 147
 Hydroacanthoma simplex 129, 141
 Hidrocystoma 139, 140
 High-frequency hearing loss 283
 Hirudo medicinalis 213
 Histiocytoma (cutis) 261
 Histiocytosis-X 217
 HIV 34, 35, 181, 199, 207, 231
 HIV infection 34, 231
 HIV/AIDS 240
 HLA haplotype 63
 HLA-DQB1*03 172
 HLA-DR 180, 181, 220, 228
 HLA-DR5 172
 HLA-DRB1*11 172
 HLA-DRB1*1104 172
 HMB-45 63, 69, 75, 78, 81, 87, 95, 98, 107, 119, 269
 HMSH2 163, 278
 Hobnail haemangioma 234
 Hodgkin disease 207
 Hodgkin lymphoma (HL) 178, 206, 207
 HOGG1 81
 HOI 233
 Homer Wright rosettes 268
 Hormonal contraceptives 236
 Horn cysts 19, 42, 141
 HOXC5 181
 HPV 12, 20, 23, 26, 28, 30, 34-39, 45, 156
 HPV-1 36, 37
 HPV-2 38
 HPV-4 36, 38
 HPV-6 34, 36
 HPV-7 36
 HPV-11 34, 36
 HPV-13 36
 HPV-16 26, 34, 35
 HPV-18 26, 34, 35
 HPV-31 26
 HPV-32 36
 HPV-54, 26
 HPV-58 26
 HPV-61, 26
 HPV-62, 26
 HPV-63 37
 HPV-66 38
 HPV-73, 26
 HRAS 11, 32, 116
 HRAS mutations 116
 HTLV-1 175, 189
 Human herpes virus type 8 (HHV8) 231, 235, 243
 Human immunodeficiency virus 20, 202, 207, 272
 Human milk fat globule protein-2 161
 Human milk fat globulin 1 (HMFG) 140
 Human papilloma virus (HPV) 11, 28, 34, 37, 151, 243
 Human T-cell leukaemia virus type I (HTLV-1). 189
 Hutchinson melanotic freckle 70, 77
 Hutchinson sign 57
 Hutchinson's melanotic freckle 70
 Hyaline collagen bundles 255
 Hyaline-cell rich chondroid syringoma 148
 Hyalinization 256, 270
 Hyalinizing Spitz naevus 115
 Hyaluronidase resistance 148
 Hydroa vacciniforme-like cutaneous T-cell lymphoma 192
 Hydrolase alpha-galactosidase A. 244
 Hyperchromasia 12, 21, 30, 81, 104
 Hypergammaglobulinemia 193
 Hyperkeratotic seborrhoeic keratosis 42
 Hypermelanotic naevi 58
 Hypersensitivity to insect bites 192
 Hypertension 227
 Hypertrophic scar 254, 255

Hypodontia 142
Hypogonadotropic hypogonadism
286
Hypopigmentation 44
Hypopituitarism 218
Hyporeflexia 283
Hypotension 227

I

Iatrogenic arteriovenous fistulas
241
ICAM-1 112
IgA 123, 146, 172
IgE 172, 254
IGF-II 233
IgG 146
IKH-4 146
IL-4 172
IL-5 172
IL-10 172
Immature trichoepithelioma 18
Immunoglobulin 195, 198, 202,
204, 205, 206, 214, 236
Immunosuppression 20, 31, 36-
38, 40, 45, 47, 68, 231, 240,
272, 273
In situ hybridization 12, 26, 191,
203, 204
Indeterminate cell histiocytosis
(ICH) 220
Indolent systemic mastocytosis
226
Industrial carcinogens 20
Infantile haemangioma 233
Infantile melanoma (birth to one-
year of age) 84
Infantile myofibromatosis 256
Infiltrating basal cell carcinoma
17
Inflammatory angiomatous nodule
237
Inflammatory molluscum contagio-
sum 212
Inflammatory myofibroblastic
pseudotumour 213
Inflammatory pseudotumour (IPT)
213
Infundibular tumour 158
Infundibulocystic basal cell carcino-
ma 19
Infundibuloisthmicoma 157
Ingrown toenail 75
Inguinal hernia 244
Inherited tumour syndromes 277
Ink spot 40
Ink spot lentigo 103
INK4a 11

Interferon 82, 111, 254
Interleukin-3 receptor alpha chain
(IL-3R-alpha). 209
International Society for Cutaneous
Lymphoma ISCL 176
Intestinal ganglioneuromatosis 266
Intradermal Spitz naevi 115
Intraepidermal carcinoma 11, 12,
26
Intraepidermal Merkel cell carcinoma
138
Intra-epidermal proliferative disor-
ders (dysplasias) 11
Intramuscular haemangioma 233
Intravascular large B-cell lym-
phoma (IL) 200
Intravascular lymphoma 200, 241
Intravascular lymphomatosis 200
Intravenous atypical vascular pro-
liferation 237
Invasive hair matrix tumour of the
scalp 150
Invasive pilomatrixoma 149
Inverted type A naevus 100
Involucrin 21, 28, 32, 44
Ionizing radiation 13, 14, 23, 231,
246, 283
Irregular acanthosis 112
Irritated seborrhoeic keratosis 42
Isochromosome 11p 116
Isolated dyskeratosis follicularis
39
Ixodes ricinus 213

J

JH translocation 198
Jun D 278
Juvenile chronic myeloid leukaemia
222, 223
Juvenile haemangioma 233
Juvenile polyposis syndrome 290
Juvenile xanthogranuloma (JXG)
222, 223
JXG See Juvenile xanthogranuloma

K

K1 and K10 genes 39
Kamino bodies 59, 115, 117
Kaposi sarcoma 231, 235, 237,
239, 241, 246, 249, 262
Kaposiform haemangioendothelioma
233
Kasabach-Merritt syndrome 240
Keloid scar 254, 255
Keratin cysts 19

Keratinocyte intraepidermal neopla-
sia (KIN I, II and III) 30
Keratinocytic tumours 9-48
Keratinous microcysts 156
Keratoacanthoma 39, 44-47, 75,
155, 163
Keratoacanthoma centrifugum mar-
ginatum 45
Keratocystic odontogenic tumours
286
Keratoses 12, 32, 33, 40-43, 57,
119, 155, 289
Keratosis follicularis inversa 156
Keratotic basal cell carcinoma 19
Keratotic haemangioma 242
Ketrion-Goodman type 185
Ki-67 60, 69, 81, 87, 107, 127,
234, 238, 275
Kimura disease 238
KIN See Keratinocyte intraepider-
mal neoplasia 30
KIR receptors 209
KIT 226-228, 273
Klippel-Trenaunay syndrome 239
Klippel-Trenaunay-Weber syndrome
244
Koebner phenomenon 36, 38
Koilocytes 29, 36, 37
Koilocytosis 38, 43
Kostmann syndrome 211
KP1 220, 221, 225, 262
K-ras 11
Kyphoscoliosis 286

L

Labial lentigo 103
Labial melanotic macule 103
Labial/oral melanosis 103
Lactate dehydrogenase (LDH) 58
LAMB syndrome 103, 291
Laminin 78, 115, 148, 234, 275
Langerhans cell disease 217
Langerhans cell granules 219
Langerhans cell granulomatosis
217
Langerhans cell histiocytosis (LCH)
138, 217
Langerhans cells 144, 213, 217,
219, 220
Large cell acanthoma 39-41, 44,
47
Large cell lymphoma (Richter
syndrome) 206
Large plantar wart 38
Latitudes 11, 13
Laugier-Hunziker syndrome 103
LDH 58

- LEF-1 155
Leiomyosarcoma 22, 78
Lentiginosities 40, 41, 103, 110, 289, 291
Lentiginosis-multiple endocrine neoplasia syndrome 291
Lentiginous melanocytic naevus 103
Lentiginous melanocytic proliferation 70, 85
Lentigo maligna melanoma (LMM) 55, 59, 69, 70, 72-74, 77, 88, 90
Lentigo simplex 104
Lentigo-melanosis 70
Leonine facies 175
LEOPARD syndrome 103, 292
Leser-Trélat syndrome 41
Letterer-Siwe disease 218, 219
Leu M5 220
Leu-7 265, 267, 269, 270
Leukaemia 175, 184, 191, 205, 211, 219, 220
Leukocyte common antigen (LCA) 138
Leukocytosis 193, 221
Leukoderma 80
Leukoderma acquisitum centrifugum 118
Leukoplakia 23
Leu-M1 (CD15) 153, 225
Lewis Y antigen 233
Lichen planus 23, 40, 41, 47, 142
Lichen planus-like keratosis (LPLK) 41, 47
Lichen sclerosus of the vulva 22
Lichenoid solar keratosis 47
Limbal dermoid 253
Linear skin defects 250
Lipoid dermatoarthritis 224
Lipoid rheumatism 224
Lipoma of the brain 253
Lipoma 231
Liver transplant 240
LMP-1 191
L-myc 81
Lobular capillary haemangioma 243
Lobular panniculitis 182
Local recurrence of melanoma 90
LOH at 9q22 11
Longitudinal melanonychia 57, 103
Long-wave ultraviolet radiation (UVA) 33
Loss of chromosome 7 94
Loss of heterozygosity (LOH) 11, 219, 280, 287
Loss of heterozygosity at 9p21 (p16) 147
Loss of heterozygosity at 9q22 11
Low-grade squamous cell carcinoma in situ 29
Low-molecular-weight keratins 135
Low-set ears 253
LPLK 47
Lumbosacral haemangioma 233
Lupus erythematosus 23, 80, 212, 225, 261
Lupus profundus panniculitis 182
Lymphadenoma (adamantanoid trichoblastoma) 152
Lymphadenopathy 175, 178, 185, 192, 193, 200, 218, 221, 238
Lymphadenosis benigna cutis (LABC) 212, 213
Lymphangiectasias 249
Lymphangiography 249
Lymphangioma 247-249, 259
Lymphangioma circumscriptum 247, 248
Lymphangioma tuberosum multiplex 140
Lymphangioma-like Kaposi sarcoma 248
Lymphangiomas 249
Lymphangiosarcoma 246
Lymphatic tumours 247
Lymphoadenopathy 218
Lymphoblastic leukaemia/lymphoma 210
Lymphoblastic lymphoma 210
Lymphocytic infiltration (idiopathic or drug induced) 212
Lymphocytoma cutis 212, 213
Lymphoedema 142, 231, 246
Lymphoid infiltrates of the skin mimicking lymphoma (cutaneous pseudolymphoma) 212
Lymphomatoid contact dermatitis 212
Lymphomatoid granulomatosis (LYG) 202
Lymphomatoid papulosis (LyP) 179, 213
Lymphomesenteric cysts 285
Lymphoplasmacytoid cells 194, 195
Lymphoscintigraphy 62
LyP See lymphomatoid papulosis
Lysozyme 140, 211, 219, 220, 225
- M**
MAC387 223, 225
Macrocephaly 288
Maculopapular or plaque type mastocytosis 226
Maffucci syndrome 231, 239, 247
MAGE3 63
Malignant acrospiroma 133
Malignant angioendotheliomatosis 200, 241
Malignant apocrine mixed tumour 127
Malignant blue naevus 56, 81
Malignant chondroid syringoma 127
Malignant clear-cell acrospiroma 131
Malignant clear-cell hidradenoma 131
Malignant cutaneous melanoma 63
Malignant cylindroma 135
Malignant eccrine acrospiroma 131
Malignant eccrine poroma 128
Malignant fibrous histiocytoma (MFH) 78, 260
Malignant hidroacanthoma simplex 128
Malignant intraepidermal eccrine poroma 128
Malignant lymphoma 168
Malignant melanoma 12, 52-92, 107, 108, 279
Malignant melanoma arising in a garment naevus 83
Malignant melanoma arising in a giant hairy naevus 83
Malignant mixed tumour 127, 133
Malignant nodular clear-cell hidradenoma 131
Malignant peripheral nerve sheath tumour 78
Malignant pilomatrixoma 149
Malignant spiradenoma 130, 133
Mantle cell lymphoma 204
Mantleoma 158
Marginal zone B cell lymphoma 196
MART-1 63, 65, 69, 75, 78
Mast cell disease 218, 226
Mast cell leukaemia 226
Mast cell proliferative disease 226
Mastocytoma 227
Mastocytosis 226, 228
Mastocytosis with associated haematopoietic disorder 226
Matrical carcinoma 149
Matricoma 155
Matrix carcinoma 149
Matrix interacting protein 1 (MXI1) 78
Mature B lymphocyte 202
Mature skin homing T cells 172

MC1R (Melanocortin 1 Receptor)
 See
 MCC 81
 MDM2 219, 278, 281
 Medicinal leeches 213
 Medullary carcinoma of the thyroid
 265
 Medulloblastoma 283, 285-287
 Melan-A 63, 72, 75, 87, 98, 118,
 119
 Melanoacanthoma 39, 41, 43
 Melanoacanthosis 43
 Melanocortin-1 receptor gene
 (MC1R) 64, 280
 Melanocytic acral naevus with
 intraepidermal ascent of cells
 (MANIAC)" 110
 Melanocytic macules of the lip 279
 Melanocytic naevi 54-58, 93, 93-
 95, 100, 104, 195, 107, 108,
 113, 117, 129
 Melanocytic naevus with architec-
 tural disorder and cytologic
 atypia 105
 Melanocytic naevus with phenotypic
 heterogeneity 100
 Melanocytosis 79, 80, 81, 82, 96
 Melanoma 52-92
 Melanoma and neural system
 tumour syndrome 279
 Melanoma arising in a bathing trunk
 naevus 83
 Melanoma arising in giant congenital
 naevi 83
 Melanoma arising in the dermal
 component of a large or "giant"
 congenital naevus 83, 89
 Melanoma arising from blue naevus
 79
 Melanoma familial, MLM 279
 Melanoma in situ 59, 64, 70, 80,
 81, 108
 Melanoma prevention 55
 Melanoma-astrocytoma syndrome
 279, 280
 Melanoma-inhibiting activity (MIA)
 58
 Melanoma-pancreatic cancer syn-
 drome 279
 Melanoma simulating Spitz naevus
 85
 Mélanose circonscrite précancéreuse
 70
 Melanosis 32, 33, 57, 70, 81,
 103
 Melanosis circumscripta precan-
 cerosa 70
 Melanosis of the nail bed and matrix
 103
 Melanotic macules 103
 MEN2b 265, 266
 Meningeal melanocytoma (blue nae-
 vus) of the brain 79
 Meningioma 287
 Menzies method 58
 Merkel cell carcinoma 268, 272,
 273, 289
 Merkel cells 15, 153, 157, 272,
 273
 Merosin 233
 Metastasizing Spitz naevus 89
 Metastasizing squamous cell carci-
 noma 23
 Metastatic adenosquamous carcinoma
 25
 Metastatic melanoma 81, 89, 91
 Metastatic melanoma mimicking
 blue naevus 81
 Metastatic neuroblastoma 268,
 273
 Metastatic small cell neuroen-
 docrine carcinoma 268
 Metatypical carcinoma 18
 Meyerson naevus 110, 111
 MIB-1 labeling index 46, 60, 69,
 70, 81, 87, 107
 Mibelli angiokeratoma 244
 MIC2 gene product 268
 Michelin tyre baby 250
 Michelin tyre syndrome 250, 251
 Microcystic adnexal carcinoma 15,
 17, 25, 123-125, 126, 135,
 140, 153
 Micronodular basal cell carcinoma
 16
 Microphthalmia 69, 250, 253
 Microphthalmia transcription factor
 (MITF) 69, 78
 Microphthalmia transcription factor
 (MITF-1) 95
 Microsatellite instability 11, 108,
 162, 163, 177
 Microvenular haemangioma 236,
 237
 Microvesiculation 112
 Milia 140, 285
 Minimal deviation melanoma 88
 Mismatch repair genes 46, 162,
 163
 Mitogenicity 61, 64
 Mixed tumour of skin 147, 148
 MLH1 46, 162, 163
 MMAC1 278, 289
 MNF116 22
 N-methyl-N'-nitro-N-nitrosoguani-
 dine (MNNG) 11
 Moll gland carcinoma 135
 Mongolian spot 80, 96
 Monomorphic NK-cell lymphoma
 208
 Morpheiform basal cell carcinoma
 19, 127, 153
 MSH-2 46, 161-163
 MTS 162, 163
 MTS1 81, 279
 Mucicarmine 24, 28
 Mucinous carcinoma 128, 131,
 132
 Mucoepidermoid carcinoma 24,
 131
 Mucoepidermoid hidradenocarcinoma
 131
 Mucopolysaccharide 257, 270
 Mucopolysaccharidoses (including
 Hurler and Hunter syndromes)
 96
 Mucosa associated lymphoid tissue,
 MALT 194
 Mucosal melanoma 57
 Muir-Torre syndrome (MTS) 45,
 46, 124, 160-163, 278
 Multicentric Castlemann disease
 235
 Multicentric pigmented Bowen disease
 28
 Multicentric reticulohistiocytosis
 224
 Multifocal indolent pigmented penile
 papules 28
 Multinodular goiter 288
 Multiple cutaneous and uterine
 leiomyoma syndrome 251
 Multiple enchondroma (Maffucci
 syndrome) 239
 Multiple endocrine neoplasia 1 278
 Multiple endocrine neoplasia syn-
 drome (MEN2b) 265
 Multiple facial angiofibroma 279
 Multiple gastrointestinal polyps
 288
 Multiple Hama small blue round cell
 tumours 279
 Multiple hamartoma and neoplasia
 syndrome 155
 Multiple hamartoma syndrome 288
 Multiple hamartomatous gastroin-
 testinal polyps 40
 Multiple lymphangiectasias 249
 Multiple mucosal neuroma (MMN)
 syndrome 265
 Multiple pilomatricoma 154
 Multiple tricholemmomas 155
 MUM-1/IRF-4 198, 199
 Musculoskeletal abnormalities 265
 Mustard gas 234
 MXI1 78, 81

Mucosis fungoides 141, 168,
 169-174, 177, 178, 180, 186,
 187, 190, 207, 213, 215, 216
 Myelin basic protein 257, 265,
 267, 275
 Myeloid leukaemia 211
 Myoatrophy 225
 MYO-D1 269
 Myoepithelial carcinoma 128
 Myofibroblastic dermatofibroma
 262
 Myofibromatosis 256
 Myogenin 269
 Myoglobin 253, 256
 Myositis 225
 Myotonia 225
 Myotonic dystrophy 154
 Myrmecia 34, 37
 Myxoid dermatofibroma 262
 Myxoid liposarcoma 261
 Myxoid mammary fibroadenoma
 291
 Myxoid pseudocysts of the digits
 257
 Myxoma 148, 159, 270, 291, 192
 Myxomatous perineuroma 270
 Myxopapillary ependymoma 128

N

Naevi on volar skin 110
 Naevi with dermal epithelioid cell
 components 100
 Naevi with dermal nodules. 100
 Naevoid basal cell carcinoma
 (Gorlin) syndrome See next line.
 Naevoid basal cell carcinoma syn-
 drome (NBCCS) 124, 142, 153,
 285
 Naevoid melanoma 61, 86-89
 Naevi 93-120,
 Naevus angiokeratoticus 242
 Naevus flammeus 240
 Naevus fuscoceruleus ophthalmo-
 maxillaris 96
 Naevus incipiens 104
 Naevus keratoangiomasus 242
 Naevus lipomatosus 253
 Naevus of Ito 79, 96
 Naevus of Ota 79, 82, 96
 Naevus of spindled and/or epithe-
 lioid cells 114
 Naevus of Sun 96
 Naevus sebaceous 125, 141
 Naevus sebaceous of Jadassohn
 144
 Naevus spilus (congenital speckled
 lentiginous naevus) 104

Naevus vascularis unius lateralis
 242
 Naevus with architectural disorder
 105
 Naevus with focal dermal epithe-
 lioid component 100
 Nail dystrophy 175
 NAME syndrome 103, 291
 Naturopathic medicines 32
 Necrosis en masse 123
 NER See Nucleotide excision repair
 Nerve sheath myxoma/neurothekeoma
 270
 Nerve sheath tumours 231
 Neurilemmomatosis 223
 Neurocutaneous melanocytosis 79
 Neuroendocrine carcinoma of the skin
 272
 Neurofibroma 231, 258, 260
 Neurofibromatosis 78, 222, 223,
 265
 Neurofibromatosis type 1 (NF1)
 78, 81, 223, 275, 278
 Neurofibromatosis type 1 b (NF1b)
 223, 278
 Neurofibromatosis type 2 (NF2)
 223
 Neurofibromatosis type 2 b (NF2b)
 278
 Neurofilament 269
 Neurofollicular hamartoma 158
 Neuroma 265, 266
 Neuromuscular hamartoma 253
 Neurotization 98
 Neurotropism 76, 77, 78
 Neutropaenia 193
 Nevoxanthoendothelioma 222
 NF1 See neurofibromatosis type 1
 (NF1)
 NF2 See Neurofibromatosis type 2
 (NF2)
 NGFR 275
 Nickel 213
 NK/T-cell lymphoma 191
 NKI/C-3 69, 78, 81, 269, 270
 Nodular amelanotic melanoma 43
 Nodular angioblastic hyperplasia with
 eosinophilia and lymphofolliculosis
 237
 Nodular basal cell carcinoma 16,
 19
 Nodular hidradenocarcinoma 131
 Nodular hidradenoma 143
 Nodular lymphocyte predominant
 Hodgkin lymphoma (NLPHL) 207
 Nodular melanoma 55, 56, 68, 73,
 74, 119, 262
 Non-cutaneous melanoma 63

Non-diabetic cutaneous xanthomato-
 sis 224
 Non-encapsulated neuroma 265
 Non-Hodgkin lymphoma 204, 205
 Non-inflammatory halo naevi 119
 Non-Langerhans-cell (LC) histiocy-
 tosis 222
 Non-melanoma skin cancer (NMSC)
 11, 12
 Non-neuroendocrine small cell
 carcinoma 268
 Non-regressing lipodystrophy
 centrifugalis abdominalis 240
 Normocholesterolemic xanthomato-
 sis 224
 Npm-alk protein (p80) 181
 Nuclear pseudoinclusions 69
 Nucleolar organizing regions
 (AgNORS) 87
 Nucleotide excision repair (NER)
 282-284

O

Ocular melanocytosis 79, 82
 Oculodermal melanocytosis 79, 96
 Odontogenic keratocysts 287
 OKM1 220
 OKT6 223
 Oral contraceptives 80
 Oral florid papillomatosis 22
 Orange skin 227
 Orbital melanoma 79
 Organ transplantation 20, 34, 202
 Ossification 128, 149, 253
 Ossifying dermatofibroma with
 osteoclast-like giant cells 262
 Osteoarthritis 257
 Osteolytic skull lesions 218
 Osteoporosis 227
 Otitis media 218
 Ovarian fibroma 285, 286, 287
 Ozone layer 55

P

p14ARF 278, 280, 281
 p15 197, 246
 p16 32, 63, 108, 197, 219, 278,
 279
 P16/INK4 278
 p16INK4A 280, 281
 p19 (ARF) 279
 p21 69, 219
 p21 WAF1 69
 p62 172
 P75 260

P75 (low-affinity nerve growth factor receptor) 260
 Paget disease 28, 72, 129, 135, 136, 138
 Paget disease of breast 136
 Paget disease (extramammary, EPD) 136, 161
 Pagetoid dyskeratosis 138
 Pagetoid melanocytosis 85
 Pagetoid melanoma 66
 Pagetoid reticulosis 173
 Pagetoid reticulosis of the Ketrone-Goodman type 185
 Pagetoid Spitz naevus 138
 Pagetoid upward migration 86, 89
 Pagetoid variant of Bowen disease 28
 Pale cell acanthoma 43
 Pale scar-like lesions 13
 Palisaded, encapsulated neuroma (PEN) 265
 Palisading pattern 265
 Palmar pits 155
 Palmar-plantar-subungual-mucosal melanoma (P-S-M melanoma) 73
 Palmo-plantar keratoderma 142, 175
 Palpable migratory arciform erythema 212
 Pan T-cell markers 192
 Pancreatic cancer 279
 Pan-cytokeratin 273
 Pancytopenias 182, 218
 Pan-muscle actin (HHF-35) 252
 Panniculitis 182, 183, 184, 185, 200
 Papillary apocrine gland cyst 139
 Papillary thyroid carcinoma 80
 Papillary tubular adenoma 145, 146
 Papillomatosis 22, 23, 31, 33, 37, 38, 40, 42, 44, 242
 Papillomatosis cutis carcinoides 22, 23
 Parakeratosis 27, 30, 31, 36, 41, 44, 47, 59, 112, 155, 171, 215, 216
 Parakeratosis variegata 171, 216
 Parapsoriasis 171, 215, 216
 Parapsoriasis - Large patch type, with or without poikiloderma 215
 Parapsoriasis en grandes plaques poikilodermiques 171, 216
 Parapsoriasis en plaques (Brocq disease) 215, 216, 171
 Parapsoriasis lichenoides 171, 216
 Parasitosis 228
 PATCHED1 14, 287
 Pautrier microabscesses 170, 190
 PCFCL 196, 197
 PCNA 21, 46, 69, 81, 87, 172
 Peanut agglutinin (PNA) 223
 Peliosis hepatis 240
 Pemphigus 40
 PEN 265, 266
 Penile intraepithelial neoplasia 29
 Penile lentigo 103
 Penile melanotic macule 103
 Peptic ulcer disease 227
 Perforin 181, 183, 185, 186, 191
 Pericarditis 225
 Perifollicular fibroma 158
 Perifollicular fibroma/fibrous papule 159
 Perifollicular fibroma 289
 Perinaevic eczema 111
 Perineural invasion 15, 17, 20, 24, 91
 Perineural lymphocytes 20
 Perineurial cells 267
 Période érythémateuse 169
 Période fongoidique 169
 Période lichénoïde 169
 Peripheral myelin proteins 275
 Peripheral neuroblastoma 268
 Peripheral neuroepithelioma 268
 Peripheral T-cell lymphoma 178, 184, 191
 Peripheral vascular atherosclerosis 241
 Periungual fibroma of tuberous sclerosis (Koenen tumours) 257
 Perls stain 235
 Persistent (recurrent) melanocytic naevus 113
 Persistent and metastatic melanoma 90
 Persistent melanocytic naevi 113
 Persistent melanoma 92
 Persistent nodular arthropod-bite reactions 212
 Peutz-Jeghers syndrome 40, 103, 278, 292
 PGM1 221, 225, 262
 PGP 9.5 269, 275
 PHACES syndrome 233
 Pheochromocytoma 265
 Phlebitis 200
 Phosphatidylinositol-3-kinase (PI3K)/Akt pathway 289
 Phosphorylated mitogen-activated protein kinase 243
 Photochemotherapy 33
 PI3K/Akt pathway See phosphatidylinositol-3-kinase (PI3K)/Akt pathway
 Pian fungoides 169
 Pigment incontinence 31, 170
 Pigmented basal cell carcinoma 13, 19
 Pigmented seborrhoeic keratosis 42
 Pigmented spindle cell naevus 117
 Pigmented spindle cell naevus (Reed) 114, 117
 Pigmented spindle cell naevus with architectural and/or cytologic atypia 117
 Pigmented xerodermoid 282
 Pilar leiomyoma 250, 251
 Pilar sheath acanthoma 157
 Piloleiomyoma 251
 Pilomatrical carcinoma 149, 150
 Pilomatricoma 123, 149, 151, 153-155
 Pilomatrix carcinoma 149
 Pilomatrixoma 153
 Pilosebaceous pathway of differentiation 18
 Pilotropic mycosis fungoides (MF) 173
 Pinkus tumour 17
 Pits 285
 Pityriasis rosea 111
 Plantar wart 37
 Plaque-like dermal fibromatosis 255
 Plasma cell granuloma 213
 Plasmablastic lymphoma 199
 Pleomorphic fibroma 258
 Pleuritis 225
 Plexiform pigmented spindle cell naevus 100, 117
 Plexiform spindle cell naevus 98
 PNET/ES 264, 268, 269
 POEMS syndrome 235, 236, 237
 Poikiloderma 171, 215
 Poikiloderma vasculare atrophicans 171, 216
 POLh 278
 Poliosis (white hair) 66
 Polycyclic aromatic hydrocarbons 11
 Polymyalgia rheumatica 241
 Porocarcinoma 123, 128, 129, 138, 142
 Poroepithelioma 128
 Poroid hidradenoma 143
 Poroma 123, 129, 141-143
 pRb 35
 Precursor B-lymphoblastic leukaemia/lymphoma 210

Precursor lymphoblastic leukaemia/ lymphoma 210
 Precursor T-lymphoblastic leukaemia 210
 Precursor T-lymphoblastic leukaemia/ lymphoma 210
 Precursor T-lymphoblastic lymphoma 210
 Pregnancy 141, 234, 236, 240, 243, 244, 254, 260
 Prelymphomatous ("abortive") disorders (PLD) 168
 Prereticulotic poikiloderma 271, 216
 Primary cutaneous adenoid cystic carcinoma 134, 135
 Primary cutaneous aggressive epidermotropic CD8+ cytotoxic T-cell lymphoma 184, 185
 Primary cutaneous anaplastic large-cell lymphoma 180
 Primary cutaneous anaplastic lymphoma (C-ALCL) 179, 189
 Primary cutaneous B cell lymphoma (CBCL) 196
 Primary cutaneous diffuse large B-cell lymphoma (DLBCLs) 198
 Primary cutaneous follicle centre lymphoma (PCFCL) 196, 197
 Primary cutaneous immunocytoma/marginal zone B-cell lymphoma 194
 Primary cutaneous large B-cell lymphoma 198
 Primary cutaneous large cell T cell lymphoma CD30+ 180
 Primary cutaneous marginal zone B-cell lymphoma (MZL) 194
 Primary cutaneous mucinous carcinoma 131, 132
 Primary cutaneous T-cell lymphoma 178
 Primary cutaneous peripheral T-cell lymphoma, unspecified 184
 primary cutaneous plasmacytoma 194
 primary cutaneous small-medium CD4+ T-cell lymphoma 184, 186
 Primary malignant peripheral primitive neuroectodermal tumour (PNET) / Extraskelletal Ewing sarcoma (ES) 268
 Primary mucoepidermoid carcinoma of the skin 131
 Primary small-cell carcinoma of the skin 272
 Primary systemic anaplastic large cell lymphoma 193
 PRKAR1A 292
 Progesterone receptor 138
 Progressive and recurring dermatofibroma 259
 Progressive atrophying chronic granulomatous dermohypodermatitis 178
 Progressive capillary haemangioma 239
 Progressive lymphangioma 248, 249
 Proliferating epidermoid cyst 150
 Proliferating follicular cystic neoplasm 150
 Proliferating isthmic cystic carcinoma 150
 Proliferating pilar cyst 150
 Proliferating tricholemmal cyst 150
 Proliferating tricholemmal cystic squamous cell carcinoma 150
 Proliferating tricholemmal tumour 150, 151
 Proliferative nodules in a congenital naevus 89, 93
 Proliferative nodules in congenital melanocytic naevi 93, 94
 Prolymphocytic leukaemia 206
 Prostate carcinoma 138
 Proteinuria 238
 Proteoglycans 254
 Proteus syndrome 290
 Proteus-like (non-CS, non-BRR) syndromes 290
 Pruritus 137, 175
 Psammoma bodies 214
 Psammomatous melanotic schwannoma 291
 Pseudoangiomatous squamous cell carcinoma (SCC) 23
 Pseudoangiosarcomatous squamous cell carcinoma (SCC) 23
 Pseudo-Darier sign 250
 Pseudoglandular squamous cell carcinoma 21
 Pseudoinclusions 194
 Pseudolymphoma (PSL) 168, 212-214
 Pseudolymphoma (PSL) with predominant T-cell infiltrates (T-PSL) 212
 Pseudolymphoma of Spiegler and Fendt 212
 Pseudomelanoma 113
 Pseudo-T-cell lymphoma 186
 Pseudovascular squamous cell carcinoma (SCC) 21, 23
 P-S-M melanoma 73
 Psoralen 33
 Psoriasis 33, 44, 80, 176
 PTCH gene 9q22 11, 13-15, 17, 124, 146, 278, 287
 PTEN hamartoma tumour syndrome (PHTS) 290
 PTEN gene 124, 278, 288, 289, 290
 Purpura 218, 241
 Pushing pattern of growth 68
 PUVA (psoralens + UVA). 11, 12, 26, 30, 33, 39, 103
 PUVA keratosis 11, 33
 PUVA-lentigines 103
 Pyogenic granuloma 43, 129, 233, 237, 241, 243
 Pyrimidine dimers 11

R

RAB5 278
 Racemiform trichoblastoma 152
 Radiation therapy 15, 17, 20, 78, 138, 160, 246, 248, 269, 285, 286
 Radical mastectomy (Stewart-Treves) 231
 RAP1 278
 RAS 11
 RasGTPase activating protein 11
 Rb 219, 278, 280, 281
 Reactive angioendotheliomatosis 241
 Reactive lymphoid hyperplasias (RLH) 168
 Reactive oxygen species (ROS) 11
 REAL classification 184
 Receptor tyrosine kinase 226
 RECQL2 278
 RECQL3 278
 Recurrent naevus 108
 Reed naevus 117
 Reed tumour 117
 Reed-Sternberg (RS) cells 179, 180, 207, 214
 Regressing atypical histiocytosis 180
 Regression 37, 38, 56, 71, 221, 249
 Renal carcinoma 158
 RET proto-oncogene 266, 278
 Reticulated black solar lentigo 103
 Reticulated melanotic macule 103
 Reticulated seborrheic keratosis 42, 44

Reticulohistiocytic granuloma 224
 Reticulohistiocytoma cutis 224
 Reticulohistiocytoma of the dorsum (Crosti disease) 196
 Reticulohistiocytosis 218, 224, 225
 Reticulohistiocytosis of the skin and synovia 224
 Reticulomatosis with giant cell histiocytes 224
 Rhabdoid squamous cell carcinoma (SCC) 20
 Rhabdomyomatous mesenchymal hamartoma (RMH) 252
 Rhabdomyomatous mesenchymal hamartoma (striated muscle hamartoma) 250
 Rhabdomyosarcoma 268
 Rheumatoid arthritis 241
 Rhinophyma 13
 RhoB 177
 Richter syndrome 206
 Rosai-Dorfman disease 221
 Rothmund-Thomson syndrome 30, 278
 Rubinstein-Taybi syndrome 154
 Rudimentary Verocay bodies 265

S

S-100-beta 58
 Sarcoidosis 154, 241
 Sarcoma 63, 268, 283
 Scattered Factor XIIIa 260
 SCC See Squamous cell carcinoma
 Schöpf-Schultz-Passarge syndrome 142
 Schwann cells 81, 97, 266
 Schwannoid basal cell carcinoma (BCC) 19
 Schwannoma 231, 265, 292
 Sclerocornea 250
 Scleroderma-like Skin Changes 279
 Sclerosing basal cell carcinoma (BCC) 19
 Sclerosing cellular blue naevi 78
 Sclerosing epithelial hamartoma 152
 Sclerosing haemangioma 261
 Sclerosing sweat duct carcinoma 17, 25, 126
 Sclerotic fibroma 256
 Sclerotic or sclerosing fibroma 261
 Scrotal condylomata 35
 Sebaceoma 162, 163
 Sebaceous adenoma 161, 162
 Sebaceous carcinoma 18, 138, 160, 161, 163
 Sebaceous epithelioma 162
 Sebaceous trichofolliculoma 157
 Sebocytes 14, 141, 148, 161-163
 Sebomatricoma 162
 Seborrhoeic keratosis 17, 33, 39, 41-44, 47, 57, 103, 129, 156, 162, 163
 Seborrhoeic wart 41
 Secondary cutaneous follicular lymphoma (FL) 197
 Secondary skin involvement by diffuse large B-cell lymphoma 199
 Segmental regression 67
 Seizures 227, 283
 Senile haemangioma 233
 Senile wart 41
 Sentinel node (SN) biopsy 123
 Sertoli cell tumours of the testes, 291
 Sessile masses 253
 Sézary cells 169, 176
 Sézary syndrome 175, 177, 178, 190, 213
 Shadow cells 19, 148-151, 154, 155
 SHH signalling pathway See Sonic Hedgehog 287
 Shortened telomere length 216
 Shoulder phenomenon 106
 Signet ring cell apocrine carcinoma AC 136
 Signet-ring squamous cell carcinoma (SCC) 20, 25
 Simple lentigo 103, 104
 Simple lentigo and lentiginous melanocytic naevus 104
 Sinus histiocytosis with massive lymphadenopathy (Rosai-Dorfman disease) 221
 Sinusoidal haemangioma 234
 Sinusoidal pattern 221
 Site specific and Meyerson naevi 110
 Sjögren syndrome 261
 Skin homing T-cells 180, 187
 Skin homing T-helper cells 178
 Skin surface microscopy 57
 Skin types I and II 54
 Small cell melanoma 85, 88, 268
 Small cell naevoid melanoma 88
 Small keratin-filled cysts (milia) 19, 285
 Small lymphocytic lymphoma 205
 Small plaque parapsoriasis 215
 Smallpox 55
 Smooth and skeletal muscle tumours 250
 Smooth muscle hamartoma 250
 SMOOTHENED 14
 Socio-economic status 55
 Solar keratoses 11, 20, 30, 44, 70
 Solar lentigo 40, 43, 44, 47, 103
 Solar lentigo (lentigo senilis) 43
 Solid-cystic hidradenoma 143
 Solitary angiokeratoma 244
 Solitary circumscribed neuroma 265
 Solitary cutaneous myofibroma. 256
 Solitary cutaneous reticulohistiocytosis (SCR) 224
 Solitary mastocytoma 226
 Solitary sclerotic fibroma 256
 Somatostatin 273
 Sonic Hedgehog (SHH) 278, 287
 Spinal dysraphism 233
 Spinal malformation 242
 Spindle and epithelioid cell naevus 114
 Spindle cell haemangioendothelioma 239
 Spindle cell haemangioma 239
 Spindle cell melanoma 76
 Spindle-cell squamous cell carcinoma 22
 Spiradenocarcinoma 123, 130, 131, 135
 Spiradenocylindroma 145
 Spiradenoma 123, 130, 143, 144, 145, 268
 Spitz naevi 114-116,
 Spitzoid melanoma 89
 Spitzoid variant of naevoid melanoma 89
 Splaying of melanocytes 93
 Splenomegaly 193, 200
 Spongiotic change in melanocytic naevi 111
 Spongiotic dermatitis involving melanocytic naevi 111, 112
 Spontaneous neuroma 265
 Sprengel anomaly 285
 Sprengel deformity 286
 Squamoid sebaceous carcinoma 161
 Squamous cell carcinoma 20-25
 Squamous cell carcinoma de novo 11
 Squamous cell carcinoma in situ (SCCIS) 11, 26, 138
 Squamous eddies 42
 Sternal cleft defects 154
 Stewart-Treves syndrome 246
 Storiform collagenoma 256
 Striated muscle hamartoma 252

Stromelysin 3 153, 260, 262
 Stucco keratosis 41, 44
 Subcutaneous panniculitis-like T-cell lymphoma (SPTCL) 182, 184, 185
 Subcutaneous T-cell lymphoma 221
 Subepidermal acanthoma 150
 Subepidermal fibrin deposits 59
 Subepidermal nodular fibrosis 261
 Sub-papillary vascular plexus 245
 Subungual and periungual fibroma 257
 Subungual haematoma 75
 Subungual keratoacanthoma 45, 46
 Subungual melanoma 57, 74
 Sulphur 234, 284
 Sun exposure 70
 Sunburns 54, 66, 68, 279
 Sunscreens 55
 Superficial basal cell carcinoma 15
 Superficial plantar warts (mosaic warts) 34
 Superficial spreading malignant melanoma (SSMM) 55, 66, 68, 70, 73, 74, 89, 107, 108, 119, 138
 Superficial warts (mosaic) 37
 Supernumerary digit 266, 267
 Surface immunoglobulins (sIg) 197
 Sutton naevus 118
 Sweat gland carcinoma 18, 133
 Sweat gland tumour 268
 Synaptophysin 269, 273
 Syringoacanthoma 141
 Syringoadenoma 146
 Syngocystadenoma papilliferum 123, 145, 146, 147
 Syngocystadenoma 146
 Syngofibroadenoma 142
 Syngofibroadenomatosis 142
 Syngoma 127, 140, 141, 148
 Syngomatous carcinoma 25, 126
 Syngotropic mucosis fungoides (MF) 173
 Systemic anaplastic large cell lymphoma (ALCL) 193
 Systemic cystic angiomas 249

T
 T(11;14)(q13;q32) translocation 204
 T(11;18) involving the API2/MLT genes 195
 Tachycardia 227
 Tardive congenital naevus 93
 Targetoid haemosiderotic haemangioma 234
 Tax 189
 T-cell / histiocyte-rich large B-cell lymphoma 199
 T-cell associated antigens 181, 187
 T-cell clonality in angiolymphoid hyperplasia with eosinophilia (ALHE) 238
 T-cell intracellular antigen (TIA-1) 183
 T-cell lymphoblastic leukaemia/lymphoma 210
 T-cell lymphoma 170, 184
 T-cell receptor 172, 185, 191, 209, 214, 215, 219
 T-cell receptor gamma gene rearrangement 172, 216
 T-cell/histiocyte-rich large B-cell lymphoma 199
 TCL1 209
 TCR gene 178, 185, 186, 187
 TCR-beta 171
 TCR-d 185
 TCRd1 185
 TdT 208, 210
 Telangiectasia 13, 16, 69, 71, 216, 226
 Telangiectasia macularis eruptiva perstans 226-228
 Telangiectatic mastocytosis 226
 Telomeric exhaustion 60
 Tenascin 148, 260
 Tethered cord syndrome 233
 TGF-beta 179
 TGF-beta receptor I and II 219
 TH2 172, 177
 The cutaneous lymphocyte antigen (CLA, HECA-452) 181
 Thomsen-Friedenreich antigen 161
 Thrombocytopaenia 193
 Thrombophlebitis 244
 Thrombosis 36, 234
 Thymidine dimer formation 30
 Thyroglossal duct sinus 253
 Thyroid adenoma 288
 Thyroid tumours 291
 Thyroid-transcription factor-1 273
 TIA-1 171, 180, 181, 185, 186, 187, 191, 192
 TIG-3 12
 Tingible body macrophages 213
 TMEP See Telangiectasia macularis eruptiva perstans 226-228
 Tobacco use 11, 13, 26
 Touton giant cells 222, 223
 Trabecular carcinoma 272
 Transforming growth factor-b1 254
 Translocation 195, 197, 205, 259
 Translocation between the X and Y chromosomes 250
 Translocation t(2;5) (p23;q35) 181
 Translocation t(11;22) (q24;q12) 269
 Transplant patient 40
 Traumatic neuroma 266, 267
 Trichilemmoma 155, 288, 289
 Trichoblastic (basal cell) carcinoma 152
 Trichoblastic carcinoma 13, 18, 127
 Trichoblastic fibroma 152
 Trichoblastoma 15, 18, 123, 124, 152, 153, 156
 Trichochlamydocarcinoma 150
 Trichodiscoma 157-159
 Trichoepithelioma 15, 18, 95, 144, 152
 Trichofolliculoma 156, 157
 Trichogermioma 152
 Trichohyaline granules 14, 123
 Tricholemmoma 155, 156
 Trichothiodystrophy (TTD) 284
 Trisomy 8 178
 Trisomy 21 140
 Triton tumour 253
 TSC1 (tuberous sclerosis gene 1) 257, 278
 TSC2 (tuberous sclerosis gene 2) 257, 278
 TTF-1 (thyroid-transcription factor-1) 273
 Tuberin 278
 Tuberous sclerosis 257, 278
 Tubular adenoma 125, 145, 146
 Tubular apocrine adenoma 145, 146
 Tubular carcinoma 125
 Tubular papillary adenoma 145
 Tubulopapillary hidradenoma 145
 Tufted angioma 233, 236, 239-241
 Tufted haemangioma 239
 Tumour of the follicular infundibulum 158
 Tumoural melanosis 67
 Turban tumour 145
 Turner syndrome 154
 Tyndall effect 95
 Type IV collagen 78, 115, 155
 Types II and IV collagen 148
 Tyrosinase activity 60
 Tyrosine kinase 273

U

Ulex europaeus I lectin 237, 243, 247
Ultraviolet A (UVA) 30
Ultraviolet B radiation 11, 20, 26, 30, 33, 105
Ultraviolet radiation 36, 54, 55
Unclassified plantar melanoma 73
Ungual melanosis 103
Ungual melanotic macule 103
Unilateral verrucous haemangioma 242
Unscheduled DNA synthesis 283
Upper extremity and syndactyly 253
Urticaria pigmentosa 226, 227
UV radiation (UVR) 11, 13, 14, 26, 54, 55, 282, 283, 284
Uveal melanoma (UM) 79, 280
UVR See Ultraviolet radiation

V

Vaccination 55, 63
Vaccination scars 13
Vaccinia vaccine 55
Valvular cardiac disease 241
Varicelliform scars 192
Varicocoele 244
Vascular endothelial growth factor receptor-3 (VEGFR-3) 235, 247
Vascular malformations 233, 240, 243, 244
Vascular tumours 233
Vasculitis 200, 202, 218
Vd2 185
VEGFR-3 See Vascular endothelial growth factor receptor-3
Venous malformation 239
Venous ulcer 13
Verruca peruana 241
Verruca plana 38
Verruca plana juvenilis 38
Verruca plantaris 35, 37
Verruca vulgaris 36
Verrucae palmares (deep palmar or hand warts) 34
Verrucae planae (plane warts, flat warts) 34
Verrucae plantares (deep foot warts, myrmecia) 34
Verrucae vulgares (common warts) 34
Verrucas 34
Verrucous carcinoma 22, 23, 37
Verrucous haemangioma 242

Verrucous melanoma 57
Verrucous phenotype 57
Verrucous squamous cell carcinoma 22
Verruga peruana 241
Vinyl chloride 11
Vitiligo 30, 289
Volar melanosis 103
Volar melanotic macule 103
Von Recklinghausen disease 278
Vulvar intraepithelial neoplasia (VIN III) 26
Vulvar melanoma 111
Vulvar melanotic macule 103
Vulvar naevi 110
VWF (von Willebrand factor, VIIIrAg) 235, 238-240, 246, 259

W

Wart 36-38, 75, 155, 242, 289
Warty dyskeratoma 39, 40
Weibel-Palade bodies 240
Werner syndrome b 278
Wiskott-Aldrich syndrome 202, 237
Witten and Zak type 45
Wolffian ducts 147
Woringer-Kolopp disease (WKD) 173

X

Xanthoerythrodermia perstans 215
Xanthogranuloma 218
Xanthoma multiplex 222
Xanthomatous 219
Xeroderma pigmentosum (XP) 11, 30, 57, 64, 68, 72, 278, 282-284
Xeroderma pigmentosum variant 282
X-linked lymphoproliferative syndrome 202
XP See Xeroderma pigmentosum
XP Complementation groups 283
XP Microdeletion syndrome 250
XPA 278, 282-284
XPB 278, 282, 284
XPC 278, 282, 284
XPD 278, 282, 284
XPE 278, 282, 284
XPF 278, 282, 284
XPG 278, 282-284

Z

ZAP-70 206