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Identification of novel FLT-3 Asp835 mutations in adult acute myeloid leukaemia

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| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 316 | Genomic structure of human FLT3: implications for mutational analysis. <i>British Journal of Haematology</i> , <b>2001</b> , 113, 1076-7  | 4.5 | 60        |
| 315 | New therapies in leukemia: renewed hope. <b>2002</b> , 11, 583-7  |     |           |
| 314 | The roles of FLT3 in hematopoiesis and leukemia. <b>2002</b> , 100, 1532-42   |     | 1128      |
| 313 | Role of FLT3 in leukemia. <b>2002</b> , 9, 274-81   |     | 156       |
| 312 | Studies of FLT3 mutations in paired presentation and relapse samples from patients with acute myeloid leukemia: implications for the role of FLT3 mutations in leukemogenesis, minimal residual disease detection, and possible therapy with FLT3 inhibitors. <b>2002</b> , 100, 2393-8 |     | 255       |
| 311 | Internal tandem duplication of FLT3 in relapsed acute myeloid leukemia: a comparative analysis of bone marrow samples from 108 adult patients at diagnosis and relapse. <b>2002</b> , 100, 2387-92  |     | 242       |
| 310 | A new and recurrent activating length mutation in exon 20 of the FLT3 gene in acute myeloid leukemia. <b>2002</b> , 100, 3423-5   |     | 90        |
| 309 | Prognostic significance of activating FLT3 mutations in younger adults (16 to 60 years) with acute myeloid leukemia and normal cytogenetics: a study of the AML Study Group Ulm. <b>2002</b> , 100, 4372-80   |     | 690       |
| 308 | Genetics of myeloid leukemias. <b>2002</b> , 3, 179-98  |     | 386       |
| 307 | CT53518, a novel selective FLT3 antagonist for the treatment of acute myelogenous leukemia (AML). <b>2002</b> , 1, 421-32   |     | 278       |
| 306 | Genetic profile of acute myeloid leukemia. <b>2002</b> , 6, 3-25; discussion 86-7   |     | 9         |
| 305 | Class III receptor tyrosine kinases: role in leukaemogenesis. <i>British Journal of Haematology</i> , <b>2002</b> , 116, 744-57   | 4.5 | 86        |
| 304 | Prognostic significance of FLT3 internal tandem repeat in patients with de novo acute myeloid leukemia treated with reinforced courses of chemotherapy. <b>2002</b> , 16, 1699-704  |     | 101       |
| 303 | Inhibition of the transforming activity of FLT3 internal tandem duplication mutants from AML patients by a tyrosine kinase inhibitor. <b>2002</b> , 16, 2027-36   |     | 92        |
| 302 | Tyrosine kinase oncogenes in normal hematopoiesis and hematological disease. <b>2002</b> , 21, 3314-33  |     | 148       |
| 301 | An activating mutation in the transmembrane domain of the granulocyte colony-stimulating factor receptor in patients with acute myeloid leukemia. <b>2002</b> , 21, 5981-9  |     | 54        |
| 300 | Analysis of FLT3 length mutations in 1003 patients with acute myeloid leukemia: correlation to cytogenetics, FAB subtype, and prognosis in the AMLCG study and usefulness as a marker for the detection of minimal residual disease. <b>2002</b> , 100, 59-66                           |     | 798       |

## (2003-2003)

| 299         | Flt3 in acute myelogenous leukemia: biology, prognosis, and therapeutic implications. <b>2003</b> , 20, 311-24  | ļ   | 5                |
|-------------|---|-----|------------------|
| 298         | The angioregulatory phenotype of native human acute myelogenous leukemia cells: influence of karyotype, Flt3 abnormalities and differentiation status. <b>2003</b> , 71, 163-73   |     | 14               |
| 297         | Internal tandem duplication and Asp835 mutations of the FMS-like tyrosine kinase 3 (FLT3) gene in acute promyelocytic leukemia. <b>2003</b> , 98, 1206-16   |     | 75               |
| 296         | Molecular targets in acute myelogenous leukemia. <b>2003</b> , 17, 15-23  |     | 29               |
| 295         | Receptor tyrosine kinases in normal and malignant haematopoiesis. 2003, 17, 241-8   |     | 53               |
| 294         | Mutational analysis of class III receptor tyrosine kinases (C-KIT, C-FMS, FLT3) in idiopathic myelofibrosis. <i>British Journal of Haematology</i> , <b>2003</b> , 120, 464-70  | 4.5 | 27               |
| 293         | Incidence and prognosis of c-KIT and FLT3 mutations in core binding factor (CBF) acute myeloid leukaemias. <i>British Journal of Haematology</i> , <b>2003</b> , 121, 775-7   | 4.5 | 253              |
| 292         | Flt3 mutations and leukaemia. British Journal of Haematology, 2003, 122, 523-38   | 4.5 | 106              |
| 291         | FLT3 mutations in acute myeloid leukemia cell lines. <b>2003</b> , 17, 120-4  |     | 203              |
| <b>2</b> 90 | FLT3-TKD mutation in childhood acute myeloid leukemia. <b>2003</b> , 17, 883-6  |     | 62               |
| 289         | Therapeutic efficacy of prenylation inhibitors in the treatment of myeloid leukemia. 2003, 17, 1482-98  |     | 36               |
| 288         | FLT3: ITDoes matter in leukemia. <b>2003</b> , 17, 1738-52  |     | 202              |
|             |   |     | 392              |
| 287         | Dual mutations in the AML1 and FLT3 genes are associated with leukemogenesis in acute myeloblastic leukemia of the M0 subtype. <b>2003</b> , 17, 2492-9   |     | 53               |
| 287<br>286  |   |     |                  |
| ·           | myeloblastic leukemia of the M0 subtype. <b>2003</b> , 17, 2492-9   |     | 53               |
| 286         | myeloblastic leukemia of the M0 subtype. <b>2003</b> , 17, 2492-9  The role of FLT3 in haematopoietic malignancies. <b>2003</b> , 3, 650-65  Detection of FLT3 internal tandem duplication and D835 mutations by a multiplex polymerase   |     | 53<br>657        |
| 286         | myeloblastic leukemia of the M0 subtype. 2003, 17, 2492-9  The role of FLT3 in haematopoietic malignancies. 2003, 3, 650-65  Detection of FLT3 internal tandem duplication and D835 mutations by a multiplex polymerase chain reaction and capillary electrophoresis assay. 2003, 5, 96-102  FLT3-activating mutations in acute promyelocytic leukaemia: a rationale for risk-adapted therapy |     | 53<br>657<br>147 |

| 281 | Suppression of myeloid transcription factors and induction of STAT response genes by AML-specific Flt3 mutations. <b>2003</b> , 101, 3164-73   |     | 250 |
|-----|--|-----|-----|
| 280 | Prognostic implications of the presence of FLT3 mutations in patients with acute myeloid leukemia. <b>2003</b> , 44, 905-13  |     | 40  |
| 279 | Clinical applications of molecular genetic testing in hematologic malignancies: advantages and limitations. <b>2003</b> , 34, 352-8  |     | 9   |
| 278 | Novel FLT3 tyrosine kinase inhibitors. <b>2003</b> , 12, 1951-62   |     | 26  |
| 277 | Update in childhood acute myeloid leukemia: recent developments in the molecular basis of disease and novel therapies. <b>2003</b> , 10, 31-9  |     | 14  |
| 276 | Mutational profiling in the human genome. <b>2003</b> , 68, 23-9   |     | 6   |
| 275 | The protein tyrosine kinase inhibitor SU5614 inhibits FLT3 and induces growth arrest and apoptosis in AML-derived cell lines expressing a constitutively activated FLT3. <b>2003</b> , 101, 1494-504     |     | 99  |
| 274 | Kinase inhibitors in leukemia. <b>2004</b> , 51, 1-33  |     |     |
| 273 | Targeting mutated tyrosine kinases in the therapy of myeloid leukaemias. <b>2004</b> , 8, 221-39   |     | 15  |
| 272 | Heterogeneous patterns of FLT3 Asp(835) mutations in relapsed de novo acute myeloid leukemia: a comparative analysis of 120 paired diagnostic and relapse bone marrow samples. <b>2004</b> , 10, 1326-32 |     | 48  |
| 271 | Novel FLT3 point mutations within exon 14 found in patients with acute myeloid leukaemia. <i>British Journal of Haematology</i> , <b>2004</b> , 124, 481-4   | 4.5 | 47  |
| 270 | FLT3 mutations in myeloid sarcoma. <i>British Journal of Haematology</i> , <b>2004</b> , 126, 785-91   | 4.5 | 43  |
| 269 | Acquisition of FLT3 or N-ras mutations is frequently associated with progression of myelodysplastic syndrome to acute myeloid leukemia. <b>2004</b> , 18, 466-75   |     | 126 |
| 268 | FLT3 receptors with internal tandem duplications promote cell viability and proliferation by signaling through Foxo proteins. <b>2004</b> , 23, 3338-49  |     | 94  |
| 267 | Concepts of human leukemic development. <b>2004</b> , 23, 7164-77  |     | 178 |
| 266 | Clinical impact of internal tandem duplications and activating point mutations in FLT3 in acute myeloid leukemia in elderly patients. <b>2004</b> , 72, 307-13   |     | 46  |
| 265 | Analysis of the activating mutations within the activation loop of leukemia targets Flt-3 and c-Kit based on protein homology modeling. <b>2004</b> , 23, 153-65   |     | 8   |
| 264 | Molecular basis of the constitutive activity and STI571 resistance of Asp816Val mutant KIT receptor tyrosine kinase. <b>2004</b> , 23, 139-52  |     | 45  |

| 263 | Tyrosine kinases in AML: where do they fit in?. <b>2004</b> , 28, 217-8  | 2           |
|-----|--|-------------|
| 262 | Evolution of FLT3-ITD and D835 activating point mutations in relapsing acute myeloid leukemia and response to salvage therapy. <b>2004</b> , 28, 1069-74   | 30          |
| 261 | FLT3 inhibitors: a paradigm for the development of targeted therapeutics for paediatric cancer. <b>2004</b> , 40, 707-21, discussion 722-4   | 54          |
| 260 | The structural basis for autoinhibition of FLT3 by the juxtamembrane domain. 2004, 13, 169-78  | <b>3</b> 60 |
| 259 | Emerging treatments in acute myeloid leukaemia. <b>2004</b> , 9, 55-71   | 14          |
| 258 | Mutations in the tyrosine kinase domain of FLT3 define a new molecular mechanism of acquired drug resistance to PTK inhibitors in FLT3-ITD-transformed hematopoietic cells. <b>2004</b> , 103, 2266-75 | 62          |
| 257 | FLT3 ligand causes autocrine signaling in acute myeloid leukemia cells. <b>2004</b> , 103, 267-74  | 166         |
| 256 | Internal tandem duplication mutation of FLT3 blocks myeloid differentiation through suppression of C/EBPalpha expression. <b>2004</b> , 103, 1883-90   | 132         |
| 255 | Suppression of leukemia expressing wild-type or ITD-mutant FLT3 receptor by a fully human anti-FLT3 neutralizing antibody. <b>2004</b> , 104, 1137-44  | 45          |
| 254 | Single-agent CEP-701, a novel FLT3 inhibitor, shows biologic and clinical activity in patients with relapsed or refractory acute myeloid leukemia. <b>2004</b> , 103, 3669-76                          | 542         |
| 253 | Variable sensitivity of FLT3 activation loop mutations to the small molecule tyrosine kinase inhibitor MLN518. <b>2004</b> , 104, 2867-72  | 74          |
| 252 | Gene expression profiles at diagnosis in de novo childhood AML patients identify FLT3 mutations with good clinical outcomes. <b>2004</b> , 104, 2646-54  | 95          |
| 251 | In vitro studies of a FLT3 inhibitor combined with chemotherapy: sequence of administration is important to achieve synergistic cytotoxic effects. <b>2004</b> , 104, 1145-50                          | 192         |
| 250 | Identifying and characterizing a novel activating mutation of the FLT3 tyrosine kinase in AML. <b>2004</b> , 104, 1855-8   | 72          |
| 249 | Therapeutic intervention in leukemias that express the activated fms-like tyrosine kinase 3 (FLT3): opportunities and challenges. <b>2005</b> , 12, 7-13   | 31          |
| 248 | After chronic myelogenous leukemia: tyrosine kinase inhibitors in other hematologic malignancies. <b>2005</b> , 105, 22-30   | 50          |
| 247 | FLT3-ITD-TKD dual mutants associated with AML confer resistance to FLT3 PTK inhibitors and cytotoxic agents by overexpression of Bcl-x(L). <b>2005</b> , 105, 3679-85                                  | 87          |
| 246 | FLT3 inhibition selectively kills childhood acute lymphoblastic leukemia cells with high levels of FLT3 expression. <b>2005</b> , 105, 812-20  | 164         |

| 245 | AML-associated Flt3 kinase domain mutations show signal transduction differences compared with Flt3 ITD mutations. <b>2005</b> , 106, 265-73   |     | 197 |
|-----|--|-----|-----|
| 244 | Enforced expression of an Flt3 internal tandem duplication in human CD34+ cells confers properties of self-renewal and enhanced erythropoiesis. <b>2005</b> , 105, 77-84                                 |     | 46  |
| 243 | RGS2 is an important target gene of Flt3-ITD mutations in AML and functions in myeloid differentiation and leukemic transformation. <b>2005</b> , 105, 2107-14   |     | 61  |
| 242 | FLT3-ITD and tyrosine kinase domain mutants induce 2 distinct phenotypes in a murine bone marrow transplantation model. <b>2005</b> , 105, 4792-9  |     | 162 |
| 241 | Analysis of FLT3 internal tandem duplication and D835 mutations in Chinese acute leukemia patients. <b>2005</b> , 29, 1393-8   |     | 30  |
| 240 | Clinical significance of FLT3 in leukemia. <b>2005</b> , 82, 85-92   |     | 53  |
| 239 | Signal transduction of oncogenic Flt3. <b>2005</b> , 82, 93-9  |     | 69  |
| 238 | Pathogenesis of acute myeloid leukaemia and inv(16)(p13;q22): a paradigm for understanding leukaemogenesis?. <i>British Journal of Haematology</i> , <b>2005</b> , 128, 18-34                            | 4.5 | 62  |
| 237 | Development of a human acute myeloid leukaemia screening panel and consequent identification of novel gene mutation in FLT3 and CCND3. <i>British Journal of Haematology</i> , <b>2005</b> , 128, 318-23 | 4.5 | 24  |
| 236 | Aberrant methylation of the negative regulators RASSFIA, SHP-1 and SOCS-1 in myelodysplastic syndromes and acute myeloid leukaemia. <i>British Journal of Haematology</i> , <b>2005</b> , 129, 60-5      | 4.5 | 71  |
| 235 | A novel FLT3 activation loop mutation N841K in acute myeloblastic leukemia. 2005, 19, 480-1  |     | 13  |
| 234 | Identification of Ki23819, a highly potent inhibitor of kinase activity of mutant FLT3 receptor tyrosine kinase. <b>2005</b> , 19, 930-5   |     | 21  |
| 233 | Roles of tyrosine residues 845, 892 and 922 in constitutive activation of murine FLT3 kinase domain mutant. <b>2005</b> , 24, 8144-53  |     | 12  |
| 232 | Mutations of the FLT3 gene in adult acute myeloid leukemia: determination of incidence and identification of a novel mutation in a Thai population. <b>2005</b> , 162, 127-34                            |     | 20  |
| 231 | Specific detection of Flt3 point mutations by highly sensitive real-time polymerase chain reaction in acute myeloid leukemia. <b>2005</b> , 145, 295-304   |     | 20  |
| 230 | CD34 expression in native human acute myelogenous leukemia blasts: differences in CD34 membrane molecule expression are associated with different gene expression profiles. <b>2005</b> , 64, 18-27      |     | 22  |
| 229 | The molecular pathogenesis of acute myeloid leukemia. <b>2005</b> , 56, 195-221  |     | 54  |
| 228 | Analyses of minimal residual disease based on Flt3 mutations in allogeneic peripheral blood stem cell transplantation. <b>2005</b> , 131, 279-83   |     | 7   |

| 227 | Activating FLT3 mutations are rare in children with juvenile myelomonocytic leukemia. <b>2005</b> , 44, 142-6  |     | 16  |
|-----|--|-----|-----|
| 226 | The FLT3 internal tandem duplication mutation prevents apoptosis in interleukin-3-deprived BaF3 cells due to protein kinase A and ribosomal S6 kinase 1-mediated BAD phosphorylation at serine 112. <b>2005</b> , 65, 7338-47                                |     | 37  |
| 225 | FLT3/ITD mutation signaling includes suppression of SHP-1. <b>2005</b> , 280, 5361-9   |     | 33  |
| 224 | CHIR-258: a potent inhibitor of FLT3 kinase in experimental tumor xenograft models of human acute myelogenous leukemia. <b>2005</b> , 11, 5281-91  |     | 93  |
| 223 | Recent advances in targeted therapy of human myelogenous leukaemia. 2005, 9, 1147-63   |     | 2   |
| 222 | Mutant FLT3 signaling contributes to a block in myeloid differentiation. <b>2005</b> , 46, 1679-87   |     | 27  |
| 221 | Inhibitory anti-FLT3 antibodies are capable of mediating antibody-dependent cell-mediated cytotoxicity and reducing engraftment of acute myelogenous leukemia blasts in nonobese diabetic/severe combined immunodeficient mice. <b>2005</b> , 65, 1514-22    |     | 44  |
| 220 | Genetics of myeloid malignancies: pathogenetic and clinical implications. 2005, 23, 6285-95  |     | 281 |
| 219 | [FLT3 Gene Mutations as a Prognostic Factor for Acute Myeloid Leukemia.]. 2006, 26, 233-40   |     | 2   |
| 218 | Signal transduction therapy in haematological malignancies: identification and targeting of tyrosine kinases. <b>2006</b> , 111, 233-49  |     | 7   |
| 217 | Clinical resistance to the kinase inhibitor PKC412 in acute myeloid leukemia by mutation of Asn-676 in the FLT3 tyrosine kinase domain. <b>2006</b> , 107, 293-300   |     | 217 |
| 216 | Point mutations in the juxtamembrane domain of FLT3 define a new class of activating mutations in AML. <b>2006</b> , 107, 3700-7   |     | 96  |
| 215 | Phase 1 clinical results with tandutinib (MLN518), a novel FLT3 antagonist, in patients with acute myelogenous leukemia or high-risk myelodysplastic syndrome: safety, pharmacokinetics, and pharmacodynamics. <b>2006</b> , 108, 3674-81                    |     | 224 |
| 214 | Clinical implications of FLT3 mutations in pediatric AML. <b>2006</b> , 108, 3654-61   |     | 302 |
| 213 | The effects of lestaurtinib (CEP701) and PKC412 on primary AML blasts: the induction of cytotoxicity varies with dependence on FLT3 signaling in both FLT3-mutated and wild-type cases. <b>2006</b> , 108, 3494-503  |     | 101 |
| 212 | A phase 2 trial of the FLT3 inhibitor lestaurtinib (CEP701) as first-line treatment for older patients with acute myeloid leukemia not considered fit for intensive chemotherapy. <b>2006</b> , 108, 3262-70   |     | 339 |
| 211 | Serial determination of FLT3 mutations in myelodysplastic syndrome patients at diagnosis, follow up or acute myeloid leukaemia transformation: incidence and their prognostic significance. <i>British Journal of Haematology</i> , <b>2006</b> , 134, 302-6 | 1.5 | 31  |
| 210 | ATRA can enhance apoptosis that is induced by Flt3 tyrosine kinase inhibition in Flt3-ITD positive cells. <b>2006</b> , 30, 633-42   |     | 8   |

| 209 | Antineoplastic effect of a single oral dose of the novel Flt3 inhibitor KRN383 on xenografted human leukemic cells harboring Flt3-activating mutations. <b>2006</b> , 30, 1541-6  | 7   |
|-----|---|-----|
| 208 | Tyk2 is dispensable for induction of myeloproliferative disease by mutant FLT3. <b>2006</b> , 84, 54-9  | 5   |
| 207 | Biology, clinical relevance, and molecularly targeted therapy in acute leukemia with FLT3 mutation. <b>2006</b> , 83, 301-8   | 46  |
| 206 | Constitutive c-jun N-terminal kinase activity in acute myeloid leukemia derives from Flt3 and affects survival and proliferation. <b>2006</b> , 34, 1360-76   | 27  |
| 205 | Point mutations of protein kinases and individualised cancer therapy. <b>2006</b> , 7, 2243-61  | 23  |
| 204 | IMC-EB10, an anti-FLT3 monoclonal antibody, prolongs survival and reduces nonobese diabetic/severe combined immunodeficient engraftment of some acute lymphoblastic leukemia cell lines and primary leukemic samples. <b>2006</b> , 66, 4843-51   | 37  |
| 203 | Emerging Flt3 kinase inhibitors in the treatment of leukaemia. <b>2006</b> , 11, 153-65   | 20  |
| 202 | Block of C/EBP alpha function by phosphorylation in acute myeloid leukemia with FLT3 activating mutations. <b>2006</b> , 203, 371-81  | 164 |
| 201 | Flt3 internal tandem duplication and P-glycoprotein functionality in 171 patients with acute myeloid leukemia. <b>2006</b> , 12, 7018-24  | 20  |
| 200 | Fms-like tyrosine kinase 3 ligand stimulation induces MLL-rearranged leukemia cells into quiescence resistant to antileukemic agents. <b>2007</b> , 67, 9852-61   | 27  |
| 199 | FLT3 tyrosine kinase domain mutations are biologically distinct from and have a significantly more favorable prognosis than FLT3 internal tandem duplications in patients with acute myeloid leukemia. <b>2007</b> , 110, 1262-70                 | 239 |
| 198 | Prolonged exposure to FLT3 inhibitors leads to resistance via activation of parallel signaling pathways. <b>2007</b> , 109, 1643-52   | 132 |
| 197 | Arginine 595 is duplicated in patients with acute leukemias carrying internal tandem duplications of FLT3 and modulates its transforming potential. <b>2007</b> , 110, 686-94   | 26  |
| 196 | Uniform sensitivity of FLT3 activation loop mutants to the tyrosine kinase inhibitor midostaurin. <b>2007</b> , 110, 4476-9   | 37  |
| 195 | Insight into the molecular pathogenesis of myeloid malignancies. 2007, 14, 90-7   | 20  |
| 194 | Structural basis for potent inhibition of the Aurora kinases and a T315I multi-drug resistant mutant form of Abl kinase by VX-680. <b>2007</b> , 251, 323-9   | 102 |
| 193 | Specific pattern of protein expression in acute myeloid leukemia harboring FLT3-ITD mutations. <b>2007</b> , 48, 2418-23  | 3   |
| 192 | Inhibition of Flt3-activating mutations does not prevent constitutive activation of ERK/Akt/STAT pathways in some AML cells: a possible cause for the limited effectiveness of monotherapy with small-molecule inhibitors. <b>2007</b> , 25, 30-7 | 32  |

## (2008-2007)

| 191 | 4-Amino-6-piperazin-1-yl-pyrimidine-5-carbaldehyde oximes as potent FLT-3 inhibitors. <b>2007</b> , 17, 4861-5   | 16  |
|-----|--|-----|
| 190 | Pediatric oncology. <b>2007</b> , 11, 424-32   | 13  |
| 189 | HLA-DR-negative AML (M1 and M2): FLT3 mutations (ITD and D835) and cell-surface antigen expression. <b>2007</b> , 31, 921-9  | 13  |
| 188 | Soluble phosphorylated fms-like tyrosine kinase III. FLT3 protein in patients with acute myeloid leukemia (AML). <b>2007</b> , 31, 791-7                             | 7   |
| 187 | Identification of TSC-22 as a potential tumor suppressor that is upregulated by Flt3-D835V but not Flt3-ITD. <b>2007</b> , 21, 2246-57                               | 21  |
| 186 | Diagnostic pathways in acute leukemias: a proposal for a multimodal approach. <b>2007</b> , 86, 311-27   | 39  |
| 185 | Importance of early detection and follow-up of FLT3 mutations in patients with acute myeloid leukemia. <b>2007</b> , 86, 741-7                                       | 23  |
| 184 | [Development of tyrosine kinase inhibitors for hematologic neoplasms. FLT3 and JAK2 as therapeutic targets]. <b>2008</b> , 37, 394-403                               |     |
| 183 | Systemic cancer therapy: evolution over the last 60 years. <b>2008</b> , 113, 1857-87  | 42  |
| 182 | FLT3 mutations in a 10 year consecutive series of 177 childhood acute leukemias and their impact on global gene expression patterns. <b>2008</b> , 47, 64-70         | 25  |
| 181 | Roles for deregulated receptor tyrosine kinases and their downstream signaling molecules in hematologic malignancies. <b>2008</b> , 99, 479-85                       | 31  |
| 180 | Clinical impact of nucleophosmin mutations and Flt3 internal tandem duplications in patients older than 60 yr with acute myeloid leukaemia. <b>2008</b> , 80, 208-15 | 61  |
| 179 | Akt as a therapeutic target in cancer. <b>2008</b> , 12, 1139-65   | 114 |
| 178 | Molecular and chromosomal alterations: new therapies for relapsed acute myeloid leukemia. <b>2008</b> , 13, 1-12   | 1   |
| 177 | Transformation by oncogenic mutants and ligand-dependent activation of FLT3 wild-type requires the tyrosine residues 589 and 591. <b>2008</b> , 14, 4437-45          | 21  |
| 176 | FLT3 inhibitors in acute myeloid leukemia. <b>2008</b> , 1, 153-60   | 8   |
| 175 | Inhibition of apoptosome formation by suppression of Hsp90beta phosphorylation in tyrosine kinase-induced leukemias. <b>2008</b> , 28, 5494-506                      | 72  |
| 174 | Clinical relevance of FLT3 gene abnormalities in Brazilian patients with infant leukemia. <b>2008</b> , 49, 2291-7   | 21  |

| 173 | Incorporating FLT3 inhibitors into acute myeloid leukemia treatment regimens. 2008, 49, 852-63   | 41  |
|-----|--|-----|
| 172 | Prognostic relevance of FLT3-TKD mutations in AML: the combination mattersan analysis of 3082 patients. <b>2008</b> , 111, 2527-37         | 290 |
| 171 | Segmental uniparental disomy is a commonly acquired genetic event in relapsed acute myeloid leukemia. <b>2008</b> , 112, 814-21            | 88  |
| 170 | Low frequency and variability of FLT3 mutations in Korean patients with acute myeloid leukemia. <b>2008</b> , 23, 833-7                    | 11  |
| 169 | Detection of FLT3 oncogene mutations in acute myeloid leukemia using conformation sensitive gel electrophoresis. <b>2008</b> , 9, 2194-204 | 12  |
| 168 | Occurrence of Acute Myeloid Leukemia in Young Pregnant Women. 2008, 1, CMBD.S823   |     |
| 167 | Sequence and structure signatures of cancer mutation hotspots in protein kinases. 2009, 4, e7485   | 57  |
| 166 | Prognostic Significance of FLT3 Internal Tandem Duplication in Acute Myeloid Leukemia with Normal Karyotype. <b>2009</b> , 44, 74          |     |
| 165 | Investigational drugs targeting FLT3 for leukemia. <b>2009</b> , 18, 1445-56   | 11  |
| 164 | Conventional and Real-Time Polymerase Chain Reaction. <b>2009</b> , 33-49  | 4   |
| 163 | RAS, FLT3, and C-KIT mutations in immunophenotyped canine leukemias. 2009, 37, 65-77   | 39  |
| 162 | Frequency of FLT3 mutations in childhood acute lymphoblastic leukemia. <b>2009</b> , 26, 460-2   | 17  |
| 161 | Mechanisms of resistance to FLT3 inhibitors. <b>2009</b> , 12, 8-16  | 45  |
| 160 | Cancer driver mutations in protein kinase genes. <b>2009</b> , 281, 117-27   | 65  |
| 159 | Lestaurtinib: a multi-targeted FLT3 inhibitor. <b>2009</b> , 2, 17-26  | 12  |
| 158 | Structural and functional alterations of FLT3 in acute myeloid leukemia. 2009, 15, 4263-9  | 169 |
| 157 | Identification of a novel type of ITD mutations located in nonjuxtamembrane domains of the FLT3  | 91  |
|     | tyrosine kinase receptor. <b>2009</b> , 113, 4074-7  |     |

## (2011-2009)

| 155 | Insertion of FLT3 internal tandem duplication in the tyrosine kinase domain-1 is associated with resistance to chemotherapy and inferior outcome. <b>2009</b> , 114, 2386-92               | 203 |
|-----|--|-----|
| 154 | FLT3 as a therapeutic target in AML: still challenging after all these years. <b>2010</b> , 116, 5089-102  | 280 |
| 153 | Molecular genetics. 90-110   | 1   |
| 152 | The role of molecular tests in acute myelogenous leukemia treatment decisions. <b>2010</b> , 5, 109-17   | 24  |
| 151 | Targeted signal transduction therapies in myeloid malignancies. <b>2010</b> , 12, 358-65   | 8   |
| 150 | Perspectives for the use of structural information and chemical genetics to develop inhibitors of Janus kinases. <b>2010</b> , 14, 504-27  | 45  |
| 149 | Effects of indirubin derivatives on the FLT3 activity and growth of acute myeloid leukemia cell lines. <b>2010</b> , 71, 221-227   | 7   |
| 148 | Outcome of patients with FLT3-mutated acute myeloid leukemia in first relapse. <b>2010</b> , 34, 752-6   | 85  |
| 147 | Phase I/II study of combination therapy with sorafenib, idarubicin, and cytarabine in younger patients with acute myeloid leukemia. <b>2010</b> , 28, 1856-62                              | 298 |
| 146 | Analysis of Somatic Mutations in Cancer: Molecular Mechanisms of Activation in the ErbB Family of Receptor Tyrosine Kinases. <i>Cancers</i> , <b>2011</b> , 3, 1195-231                    | 16  |
| 145 | The Molecular Biology of Acute Myeloid Leukemia. <b>2011</b> , 86-102  |     |
| 144 | Mutation of FLT3 gene in acute myeloid leukemia with normal cytogenetics and its association with clinical and immunophenotypic features. <b>2011</b> , 28, 544-51                         | 13  |
| 143 | FLT3 mutations in canine acute lymphocytic leukemia. <b>2011</b> , 11, 38  | 20  |
| 142 | Prognostic value of FLT3 mutations among different cytogenetic subgroups in acute myeloid leukemia. <b>2011</b> , 117, 2145-55   | 81  |
| 141 | Discovery and evaluation of 3-phenyl-1H-5-pyrazolylamine-based derivatives as potent, selective and efficacious inhibitors of FMS-like tyrosine kinase-3 (FLT3). <b>2011</b> , 19, 4173-82 | 15  |
| 140 | Acute Myeloid Leukemia Associated With Near-Tetraploid Karyotype and Mutations in the FLT3 Gene. <b>2011</b> , 42, 540-543   | 1   |
| 139 | Emerging FMS-like tyrosine kinase 3 inhibitors for the treatment of acute myelogenous leukemia. <b>2011</b> , 16, 407-23   | 6   |
| 138 | FLT3 inhibition as therapy in acute myeloid leukemia: a record of trials and tribulations. <b>2011</b> , 16, 1162-74   | 41  |

| 137                      | A FLT3-inhibitory constituent from the rhizomes of Anemarrhena asphodeloides. <b>2011</b> , 26, 445-8  | 4                    |
|--------------------------|--|----------------------|
| 136                      | Analysis of Chromosomal Aberrations and FLT3 gene Mutations in Childhood Acute Myelogenous Leukemia Patients. <b>2012</b> , 29, 225-35   | 3                    |
| 135                      | The Frequency of Mutations in Exon 11 of the c-kit Gene in Patients With Leukemia. 2012, 29, 10-6  |                      |
| 134                      | STAT5-mediated self-renewal of normal hematopoietic and leukemic stem cells. <b>2012</b> , 1, 13-22  | 18                   |
| 133                      | Clinical impact of change of FLT3 mutation status in acute myeloid leukemia patients. <b>2012</b> , 25, 1405-12  | 36                   |
| 132                      | Fluvastatin inhibits FLT3 glycosylation in human and murine cells and prolongs survival of mice with FLT3/ITD leukemia. <b>2012</b> , 120, 3069-79   | 45                   |
| 131                      | 3-Phenyl-1H-5-pyrazolylamine-based derivatives as potent and efficacious inhibitors of FMS-like tyrosine kinase-3 (FLT3). <b>2012</b> , 22, 4654-9   | 6                    |
| 130                      | A study of KIT activating mutations in acute myeloid leukemia M0 subtype in north India. <b>2012</b> , 13, 133-138   |                      |
| 129                      | Development of Amplifi cation-Based Molecular Genetic Testing in Hematology. <b>2012</b> , 155-167   |                      |
|                          |  |                      |
| 128                      | Molecular Diagnostics of Acute Myeloblastic Leukemia. <b>2012</b> , 387-410  |                      |
| 128                      | Molecular Diagnostics of Acute Myeloblastic Leukemia. <b>2012</b> , 387-410  Targeting the FMS-like tyrosine kinase 3 in acute myeloid leukemia. <b>2012</b> , 26, 2176-85   | 98                   |
|                          |  | 98                   |
| 127                      | Targeting the FMS-like tyrosine kinase 3 in acute myeloid leukemia. <b>2012</b> , 26, 2176-85  An overview on the role of FLT3-tyrosine kinase receptor in acute myeloid leukemia: biology and   |                      |
| 127<br>126               | Targeting the FMS-like tyrosine kinase 3 in acute myeloid leukemia. 2012, 26, 2176-85  An overview on the role of FLT3-tyrosine kinase receptor in acute myeloid leukemia: biology and treatment. 2012, 6, e8  Mechanisms of resistance to targeted therapies in acute myeloid leukemia and chronic myeloid  | 104                  |
| 127<br>126<br>125        | Targeting the FMS-like tyrosine kinase 3 in acute myeloid leukemia. 2012, 26, 2176-85  An overview on the role of FLT3-tyrosine kinase receptor in acute myeloid leukemia: biology and treatment. 2012, 6, e8  Mechanisms of resistance to targeted therapies in acute myeloid leukemia and chronic myeloid leukemia. 2012, 685-9  Routine use of microarray-based gene expression profiling to identify patients with low cytogenetic risk acute myeloid leukemia: accurate results can be obtained even with suboptimal  | 0                    |
| 127<br>126<br>125        | Targeting the FMS-like tyrosine kinase 3 in acute myeloid leukemia. 2012, 26, 2176-85  An overview on the role of FLT3-tyrosine kinase receptor in acute myeloid leukemia: biology and treatment. 2012, 6, e8  Mechanisms of resistance to targeted therapies in acute myeloid leukemia and chronic myeloid leukemia. 2012, 685-9  Routine use of microarray-based gene expression profiling to identify patients with low cytogenetic risk acute myeloid leukemia: accurate results can be obtained even with suboptimal samples. 2012, 5, 6  Prognostic significance of DNA methyltransferase 3A mutations in cytogenetically normal acute   | 104<br>0             |
| 127<br>126<br>125<br>124 | Targeting the FMS-like tyrosine kinase 3 in acute myeloid leukemia. 2012, 26, 2176-85  An overview on the role of FLT3-tyrosine kinase receptor in acute myeloid leukemia: biology and treatment. 2012, 6, e8  Mechanisms of resistance to targeted therapies in acute myeloid leukemia and chronic myeloid leukemia. 2012, 685-9  Routine use of microarray-based gene expression profiling to identify patients with low cytogenetic risk acute myeloid leukemia: accurate results can be obtained even with suboptimal samples. 2012, 5, 6  Prognostic significance of DNA methyltransferase 3A mutations in cytogenetically normal acute myeloid leukemia: a study by the Acute Leukemia French Association. 2012, 26, 1247-54  Minimal residual disease monitoring based on FLT3 internal tandem duplication in adult acute | 104<br>0<br>5<br>109 |

| 119 | Mutations of FLT3/ITD confer resistance to multiple tyrosine kinase inhibitors. 2013, 27, 48-55  | 68  |
|-----|--|-----|
| 118 | Discovery of 3-phenyl-1H-5-pyrazolylamine derivatives containing a urea pharmacophore as potent and efficacious inhibitors of FMS-like tyrosine kinase-3 (FLT3). <b>2013</b> , 21, 2856-67 | 13  |
| 117 | FLT3 mutations in acute myeloid leukemia: what is the best approach in 2013?. 2013, 2013, 220-6  | 164 |
| 116 | Mutation of NPM1 and FLT3 genes in acute myeloid leukemia and their association with clinical and immunophenotypic features. <b>2013</b> , 35, 581-8                                       | 25  |
| 115 | Hematopoietic transplantation for acute myeloid leukemia with internal tandem duplication of FLT3 gene (FLT3/ITD). <b>2013</b> , 25, 195-204   | 18  |
| 114 | FLT3 inhibition: a moving and evolving target in acute myeloid leukaemia. <b>2013</b> , 27, 260-8  | 88  |
| 113 | Emergence of crenolanib for FLT3-mutant AML. <b>2013</b> , 122, 3547-8   | 16  |
| 112 | FMS-related tyrosine kinase 3. 144-161   |     |
| 111 | The role of kinase inhibitors in the treatment of patients with acute myeloid leukemia. 2013, 313-8  | 17  |
| 110 | FLT3 Internal Tandem Duplication and D835 Mutations in Patients with Acute Lymphoblastic Leukemia and its Clinical Significance. <b>2014</b> , 6, e2014038                                 | 7   |
| 109 | Small molecule inhibitors in acute myeloid leukemia: from the bench to the clinic. <b>2014</b> , 7, 439-64   | 16  |
| 108 | The evolving role of FLT3 inhibitors in acute myeloid leukemia: quizartinib and beyond. <b>2014</b> , 5, 65-77   | 128 |
| 107 | Frequency and Prognostic Relevance of FLT3 Mutations in Saudi Acute Myeloid Leukemia Patients. <b>2014</b> , 2014, 141360  | 13  |
| 106 | The Biology and Targeting of FLT3 in Pediatric Leukemia. <b>2014</b> , 4, 263  | 43  |
| 105 | FLT3 inhibitors in AML: are we there yet?. <b>2014</b> , 9, 174-85   | 27  |
| 104 | FLT3 tyrosine kinase inhibitors in acute myeloid leukemia: clinical implications and limitations. <b>2014</b> , 55, 243-55   | 70  |
| 103 | Crenolanib is a potent inhibitor of FLT3 with activity against resistance-conferring point mutants. <b>2014</b> , 123, 94-100  | 175 |
| 102 | Identification of a potent 5-phenyl-thiazol-2-ylamine-based inhibitor of FLT3 with activity against drug resistance-conferring point mutations. <b>2015</b> , 100, 151-61                  | 10  |

| 101 | Next-generation sequencing-based panel testing for myeloid neoplasms. 2015, 10, 104-11   | 25  |
|-----|--|-----|
| 100 | Correlation between the Stereochemistry and Bioactivity in Octahedral Rhodium Prolinato Complexes. <b>2015</b> , 54, 8111-20   | 12  |
| 99  | Pathology Consultation on Gene Mutations in Acute Myeloid Leukemia. 2015, 144, 539-54  | 8   |
| 98  | Emerging strategies for high-risk and relapsed/refractory acute myeloid leukemia: novel agents and approaches currently in clinical trials. <b>2015</b> , 29, 1-9                          | 41  |
| 97  | FLT3 Inhibitors for Treating Acute Myeloid Leukemia. <b>2016</b> , 16, 543-549   | 30  |
| 96  | Immunoprofiling of leukemic stem cells CD34+/CD38-/CD123+ delineate FLT3/ITD-positive clones. <b>2016</b> , 9, 61  | 43  |
| 95  | FGF2 from Marrow Microenvironment Promotes Resistance to FLT3 Inhibitors in Acute Myeloid Leukemia. <b>2016</b> , 76, 6471-6482  | 61  |
| 94  | Acquired METD1228V Mutation and Resistance to MET Inhibition in Lung Cancer. <b>2016</b> , 6, 1334-1341  | 94  |
| 93  | Resistance to FLT3 Inhibitors. <b>2016</b> , 131-145   |     |
| 92  | The Successful Complete Remission Induction by Sorafenib Monotherapy in a FLT3-D835Y-Positive Patient with Refractory Acute Monocytic Leukemia. <b>2016</b> , 32, 38-40                    | О   |
| 91  | Epigenetic Identity in AML Depends on Disruption of Nonpromoter Regulatory Elements and Is Affected by Antagonistic Effects of Mutations in Epigenetic Modifiers. <b>2017</b> , 7, 868-883 | 69  |
| 90  | The Future of Targeting FLT3 Activation in AML. <b>2017</b> , 12, 153-167  | 32  |
| 89  | Discovery of a Diaminopyrimidine FLT3 Inhibitor Active against Acute Myeloid Leukemia. <b>2017</b> , 2, 1985-2009  | 8   |
| 88  | Gilteritinib, a FLT3/AXL inhibitor, shows antileukemic activity in mouse models of FLT3 mutated acute myeloid leukemia. <b>2017</b> , 35, 556-565  | 123 |
| 87  | The Development of FLT3 Inhibitors in Acute Myeloid Leukemia. <b>2017</b> , 31, 663-680  | 26  |
| 86  | The role of FLT3 inhibitors in the treatment of FLT3-mutated acute myeloid leukemia. <b>2017</b> , 98, 330-336   | 54  |
| 85  | How I treat FLT3-mutated AML. <b>2017</b> , 129, 565-571   | 52  |
| 84  | Targeted therapies in Acute Myeloid Leukemia: a focus on FLT-3 inhibitors and ABT199. <b>2017</b> , 10, 863-874  | 15  |

| 83 | Novel Therapies for Acute Myeloid Leukemia: Are We Finally Breaking the Deadlock?. <b>2017</b> , 12, 413-447   | 18 |
|----|--|----|
| 82 | Selecting initial treatment of acute myeloid leukaemia in older adults. <b>2017</b> , 31, 43-62  | 58 |
| 81 | Detection of FLT3/TKD and IDH1 Mutations in Pakistani Acute Myeloid Leukemia Patients by Denaturing HPLC. <b>2017</b> , 118, 1174-1181   | 4  |
| 80 | High expression of FLT3 is a risk factor in leukemia. <b>2018</b> , 17, 2885-2892  | 21 |
| 79 | Tyrosine kinase inhibitors targeting FLT3 in the treatment of acute myeloid leukemia. 2017, 4, 48  | 23 |
| 78 | FLT3 activating mutations display differential sensitivity to multiple tyrosine kinase inhibitors. <b>2017</b> , 8, 10931-10944  | 22 |
| 77 | The Cytokine Flt3-Ligand in Normal and Malignant Hematopoiesis. <b>2017</b> , 18,  | 50 |
| 76 | Targeting FLT3 Signaling in Childhood Acute Myeloid Leukemia. <b>2017</b> , 5, 248   | 16 |
| 75 | Elucidation of a four-site allosteric network in fibroblast growth factor receptor tyrosine kinases. <b>2017</b> , 6,  | 28 |
| 74 | Emerging therapies for acute myeloid leukemia: translating biology into the clinic. 2017, 2,   | 21 |
| 73 | Selective Expression of Flt3 within the Mouse Hematopoietic Stem Cell Compartment. 2017, 18,   | 18 |
| 72 | Analysis of the presence of FLT3 gene mutation and association with prognostic factors in adult and pediatric acute leukemia patients. <b>2017</b> , 53,   | 3  |
| 71 | Mutation of the DNMT3A and IDH1/2 genes in Iranian acute myeloid leukemia patients with normal karyotype (CN-AML): association with other gene mutation and clinical and laboratory characteristics. <b>2018</b> , 11, 29-36 | 1  |
| 70 | ASP2215 in the treatment of relapsed/refractory acute myeloid leukemia with FLT3 mutation: background and design of the ADMIRAL trial. <b>2018</b> , 14, 1995-2004   | 18 |
| 69 | Cabozantinib is well tolerated in acute myeloid leukemia and effectively inhibits the resistance-conferring FLT3/tyrosine kinase domain/F691 mutation. <b>2018</b> , 124, 306-314  | 17 |
| 68 | The impact of FLT3 mutations on treatment response and survival in Chinese delhovo AML patients. <b>2018</b> , 23, 131-138   | 3  |
| 67 | Pattern and prognostic value of FLT3-ITD mutations in Chinese de novo adult acute myeloid leukemia. <b>2018</b> , 109, 3981-3992   | 6  |
| 66 | A comprehensive review of protein kinase inhibitors for cancer therapy. <b>2018</b> , 18, 1249-1270  | 87 |

| 65 | Targeting Oncogenic Signaling in Mutant FLT3 Acute Myeloid Leukemia: The Path to Least Resistance. <b>2018</b> , 19,   | 30 |
|----|--|----|
| 64 | FLT3 receptor/CD135 expression by flow cytometry in acute myeloid leukemia: Relation to FLT3 gene mutations and mRNA transcripts. <b>2018</b> , 19, 345-351  | 2  |
| 63 | Structural and clinical consequences of activation loop mutations in class III receptor tyrosine kinases. <b>2018</b> , 191, 123-134   | 21 |
| 62 | Targeting FLT3 Mutations in Acute Myeloid Leukemia. <b>2018</b> , 7,   | 24 |
| 61 | Discovery of the selective and efficacious inhibitors of FLT3 mutations. <b>2018</b> , 155, 303-315  | 13 |
| 60 | Significance of FLT3-tyrosine kinase domain mutation as a prognostic factor for acute myeloid leukemia. <b>2019</b> , 110, 566-574   | 10 |
| 59 | Conformational modifications induced by internal tandem duplications on the FLT3 kinase and juxtamembrane domains. <b>2019</b> , 21, 18467-18476   | 5  |
| 58 | Identification of a Multitargeted Tyrosine Kinase Inhibitor for the Treatment of Gastrointestinal Stromal Tumors and Acute Myeloid Leukemia. <b>2019</b> , 62, 11135-11150   | 3  |
| 57 | Targeting on glycosylation of mutant FLT3 in acute myeloid leukemia. <b>2019</b> , 24, 651-660   | 5  |
| 56 | inhibitor quizartinib (AC220). <b>2019</b> , 60, 1866-1876   | 9  |
| 55 | Emerging treatment paradigms with FLT3 inhibitors in acute myeloid leukemia. <b>2019</b> , 10, 2040620719827310  | 63 |
| 54 | Therapy of acute myeloid leukemia: therapeutic targeting of tyrosine kinases. <b>2019</b> , 28, 337-349  | 9  |
| 53 | Discovery of N-(4-(6-Acetamidopyrimidin-4-yloxy)phenyl)-2-(2-(trifluoromethyl)phenyl)acetamide (CHMFL-FLT3-335) as a Potent FMS-like Tyrosine Kinase 3 Internal Tandem Duplication (FLT3-ITD) Mutant Selective Inhibitor for Acute Myeloid Leukemia. <b>2019</b> , 62, 875-892 | 14 |
| 52 | Novel Approaches to Target Mutant FLT3 Leukaemia. <i>Cancers</i> , <b>2020</b> , 12, 6.6   | 2  |
| 51 | Arsenic trioxide potentiates Gilteritinib-induced apoptosis in FLT3-ITD positive leukemic cells via IRE1a-JNK-mediated endoplasmic reticulum stress. <b>2020</b> , 20, 250   | 2  |
| 50 | A series of novel aryl-methanone derivatives as inhibitors of FMS-like tyrosine kinase 3 (FLT3) in FLT3-ITD-positive acute myeloid leukemia. <b>2020</b> , 193, 112232   | 5  |
| 49 | Successful Treatment of Early Relapsed High-Risk AML After Allogeneic Hematopoietic Stem Cell Transplantation With Biomodulatory Therapy. <b>2020</b> , 10, 443  | 1  |
| 48 | Emerging pharmacotherapies for elderly acute myeloid leukemia patients. <b>2020</b> , 13, 619-643  | 3  |

| 47 | Gilteritinib: potent targeting of FLT3 mutations in AML. 2020, 4, 1178-1191  | 35 |
|----|--|----|
| 46 | Secondary Resistant Mutations to Small Molecule Inhibitors in Cancer Cells. <i>Cancers</i> , <b>2020</b> , 12, 6.6   | 2  |
| 45 | Potential targeting of FLT3 acute myeloid leukemia. <b>2021</b> , 106, 671-681   | 11 |
| 44 | Sorafenib or placebo in patients with newly diagnosed acute myeloid leukaemia: long-term follow-up of the randomized controlled SORAML trial. <b>2021</b> , 35, 2517-2525                      | 10 |
| 43 | FLT3 Inhibitors in Acute Myeloid Leukemia: Challenges and Recent Developments in Overcoming Resistance. <b>2021</b> , 64, 2878-2900  | 12 |
| 42 | FLT3 mutated acute myeloid leukemia: 2021 treatment algorithm. <i>Blood Cancer Journal</i> , <b>2021</b> , 11, 104 7   | 14 |
| 41 | CCT245718, a dual FLT3/Aurora A inhibitor overcomes D835Y-mediated resistance to FLT3 inhibitors in acute myeloid leukaemia cells. <b>2021</b> , 125, 966-974                                  | 3  |
| 40 | Importance of targeted therapies in acute myeloid leukemia. <b>2021</b> , 107-133  | O  |
| 39 | Poor Outcome of Pediatric Patients with Acute Myeloid Leukemia Harbour High FLT3/ITD Allelic Ratios.   |    |
| 38 | Receptor tyrosine kinase alterations in AML - biology and therapy. <b>2010</b> , 145, 85-108   | 9  |
| 37 | Mutated tyrosine kinases as therapeutic targets in myeloid leukemias. 2003, 532, 121-40  | 24 |
| 36 | New molecular therapy targets in acute myeloid leukemia. <b>2007</b> , 176, 243-62   | 6  |
| 35 | Inhibition of FLT3 expression by green tea catechins in FLT3 mutated-AML cells. 2013, 8, e66378  | 18 |
| 34 | Effect of Fms-like tyrosine kinase 3 (FLT3) ligand (FL) on antitumor activity of gilteritinib, a FLT3 inhibitor, in mice xenografted with FL-overexpressing cells. <b>2019</b> , 10, 6111-6123 | 17 |
| 33 | Bench to bedside targeting of FLT3 in acute leukemia. <b>2010</b> , 11, 781-9  | 31 |
| 32 | Identification of FLT3 and NPM1 Mutations in Patients with Acute Myeloid Leukaemia. <b>2019</b> , 20, 1749-1755  | 4  |
| 31 | Recent advances and novel agents for FLT3 mutated acute myeloid leukemia. 2014, 1, 7   | 7  |
| 30 | Molecular involvement and prognostic importance of fms-like tyrosine kinase 3 in acute myeloid leukemia. <b>2012</b> , 13, 4215-20   | 3  |

| 29 | Characterisation and Clinical Significance of FLT3-ITD and non-ITD in Acute Myeloid Leukaemia Patients in Kelantan, Northeast Peninsular Malaysia. <b>2015</b> , 16, 4869-72  |      | 6  |
|----|---|------|----|
| 28 | FLT3: A Prototype Receptor Tyrosine Kinase Target in AML. <b>2007</b> , 247-261   |      |    |
| 27 | Acute Myeloid Leukemias with Normal Cytogenetics. <b>2010</b> , 449-462   |      |    |
| 26 | Molecularly Targeted Therapy for Infant ALL. <b>2010</b> , 31-58  |      |    |
| 25 | Protein Kinase Inhibitors in Drug Discovery. 1  |      |    |
| 24 | FLT3 Inhibitors as Therapeutic Agents in MLL Rearranged Acute Lymphoblastic Leukemia. <b>2011</b> , 189-20  | 2    | 1  |
| 23 | FLT3 in AML. <b>2015</b> , 215-231  |      |    |
| 22 | Outcome of Inversion 16 in TKD Positive and Negative Acute Myeloid Leukemia Patients. <b>2016</b> , 17, 234.  | 3-4  |    |
| 21 | FLT3 Inhibitors. <b>2017</b> , 167-179  |      |    |
| 20 | A review of FLT3 inhibitors in acute myeloid leukemia. <b>2021</b> , 52, 100905   |      | 3  |
| 19 | Treatment of FLT3-ITD acute myeloid leukemia. <b>2011</b> , 1, 175-89   |      | 26 |
| 18 | FLT3/ITD associated with an immature immunophenotype in PML-RARIleukemia. <i>Hematology Reports</i> , <b>2012</b> , 4, e22  | 0.9  | 2  |
| 17 | Differences in growth promotion, drug response and intracellular protein trafficking of FLT3 mutants. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2014</b> , 17, 867-73                                     | 1.8  | 4  |
| 16 | Screening of C-kit gene Mutation in Acute Myeloid Leukaemia in Northern India. <i>Iranian Journal of Cancer Prevention</i> , <b>2012</b> , 5, 27-32   |      | 1  |
| 15 | FLT3 INHIBITORS: RECENT ADVANCES AND PROBLEMS FOR CLINICAL APPLICATION. <i>Nagoya Journal of Medical Science</i> , <b>2015</b> , 77, 7-17   | 0.7  | 35 |
| 14 | Lack of FLT3-TKD835 gene mutation in toxicity of sulfur mustard in Iranian veterans. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2015</b> , 18, 862-6   | 1.8  | 2  |
| 13 | Incorporation of FLT3 Inhibitors Into the Treatment Regimens for FLT3 Mutated Acute Myeloid Leukemia: The Case for Total Therapy <i>Cancer Journal (Sudbury, Mass)</i> , <b>2022</b> , 28, 14-20                      | 2.2  | 0  |
| 12 | A novel approach for relapsed/refractory FLT3 acute myeloid leukaemia: synergistic effect of the combination of bispecific FLT3scFv/NKG2D-CAR T cells and gilteritinib <i>Molecular Cancer</i> , <b>2022</b> , 21, 66 | 42.1 | 0  |

### CITATION REPORT

| 11 | Blockade of redox second messengers inhibits JAK/STAT and MEK/ERK signaling sensitizing FLT3-mutant acute myeloid leukemia to targeted therapies.  |      | О |
|----|--|------|---|
| 10 | FLT3/ITD Associated with an Immature Immunophenotype in PML-RARILeukemia. <i>Hematology Reports</i> , <b>2012</b> , 4, e22   | 0.9  | 4 |
| 9  | Target Therapy for Extramedullary Relapse of -ITD Acute Myeloid Leukemia: Emerging Data from the Field <i>Cancers</i> , <b>2022</b> , 14,  | 6.6  | О |
| 8  | Resistance to targeted therapies: delving into FLT3 and IDH. <i>Blood Cancer Journal</i> , <b>2022</b> , 12,   | 7    | 1 |
| 7  | Poor outcome of pediatric patients with acute myeloid leukemia harboring high FLT3/ITD allelic ratios. <i>Nature Communications</i> , <b>2022</b> , 13,  | 17.4 | О |
| 6  | Targeting Acute Myeloid Leukemia with Venetoclax; Biomarkers for Sensitivity and Rationale for Venetoclax-Based Combination Therapies. <i>Cancers</i> , <b>2022</b> , 14, 3456   | 6.6  | 3 |
| 5  | Evolution of GravesDisease during Immune Reconstitution following Nonmyeloablative Haploidentical Peripheral Blood Stem Cell Transplantation in a Boy Carrying Germline SAMD9L and FLT3 Variants. <b>2022</b> , 23, 9494 |      | О |
| 4  | Real world molecular characterisation and clonal evolution of acute myeloid leukaemia reveals therapeutic opportunities and challenges. <b>2022</b> ,  |      | O |
| 3  | Relation between FMS-like tyrosine kinase 3 factor and hematological parameter in acute lymphoblastic leukemia patients by flow cytometry. <b>2022</b> , 11, 175   |      | O |
| 2  | Therapeutic Targeting of FLT3 in Acute Myeloid Leukemia: Current Status and Novel Approaches.<br>Volume 15, 1449-1478  |      | O |
| 1  | Blockade of ROS production inhibits oncogenic signaling in acute myeloid leukemia and amplifies response to precision therapies. <b>2023</b> , 16,   |      | О |