

Jan Trka – seznam publikací v mezinárodních časopisech s IF

1. Vaskova M, Mejstrikova E, Kalina T, **Trka J**, Sary J, Hrusak O. CD27 expression in malignant and normal human B precursors: a confirmed phenomenon. Reply to Nilsson and colleagues. **Exp Hematol**. 2006;34:573:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16647559
2. Sramkova L, Muzikova K, Fronkova E, Krejci O, Sedlacek P, Formankova R, Mejstrikova E, Sary J, **Trka J**. Detectable minimal residual disease before allogeneic hematopoietic stem cell transplantation predicts extremely poor prognosis in children with acute lymphoblastic leukemia. **Pediatr Blood Cancer**. 2006:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16521130
3. Meyer C, Schneider B, Jakob S, Strehl S, Attarbaschi A, Schnittger S, Schoch C, Jansen MW, van Dongen JJ, den Boer ML, Pieters R, Ennas MG, Angelucci E, Koehl U, Greil J, Griesinger F, Zur Stadt U, Eckert C, Szczepanski T, Niggli FK, Schafer BW, Kempinski H, Brady HJ, Zuna J, **Trka J**, Nigro LL, Biondi A, Delabesse E, Macintyre E, Stanulla M, Schrappe M, Haas OA, Burmeister T, Dingermann T, Klingebiel T, Marschalek R. The MLL recombinome of acute leukemias. **Leukemia**. 2006;20:777-784:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16511515
4. Burjanivova T, Madzo J, Muzikova K, Meyer C, Schneider B, Votava F, Marschalek R, Sary J, **Trka J**, Zuna J. Prenatal origin of childhood AML occurs less frequently than in childhood ALL. **BMC Cancer**. 2006;6:100:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16630339
5. Boublikova L, Kalinova M, Ryan J, Quinn F, O'Marcaigh A, Smith O, Browne P, Sary J, McCann SR, **Trka J**, Lawler M. Wilms' tumor gene 1 (WT1) expression in childhood acute lymphoblastic leukemia: a wide range of WT1 expression levels, its impact on prognosis and minimal residual disease monitoring. **Leukemia**. 2006;20:254-263:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16341043
6. Zuna J, Krejci O, Madzo J, Fronkova E, Sramkova L, Hrusak O, Kalina T, Vaskova M, Sary J, **Trka J**. TEL/AML1 and immunoreceptor gene rearrangements-which comes first? **Leuk Res**. 2005;29:633-639:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15863202
7. Vaskova M, Mejstrikova E, Kalina T, Martinkova P, Omelka M, **Trka J**, Sary J, Hrusak O. Transfer of genomics information to flow cytometry: expression of CD27 and CD44 discriminates subtypes of acute lymphoblastic leukemia. **Leukemia**. 2005;19:876-878:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15759032
8. Mejstrikova E, Kalina T, **Trka J**, Sary J, Hrusak O. Correlation of CD33 with poorer prognosis in childhood ALL implicates a potential of anti-CD33 frontline therapy. **Leukemia**. 2005;19:1092-1094:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15830012
9. Kalina T, Vaskova M, Mejstrikova E, Madzo J, **Trka J**, Sary J, Hrusak O. Myeloid antigens in childhood lymphoblastic leukemia: clinical data point to regulation of CD66c distinct from other myeloid antigens. **BMC Cancer**. 2005;5:38:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15826304
10. Fronkova E, Madzo J, Zuna J, Reznickova L, Muzikova K, Hrusak O, Sary J, **Trka J**. TEL/AML 1 real-time quantitative reverse transcriptase PCR can complement minimal residual disease assessment in childhood ALL. **Leukemia**. 2005;19:1296-1297:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15858617
11. Fronkova E, Krejci O, Kalina T, Horvath O, **Trka J**, Hrusak O. Lymphoid differentiation pathways can be traced by TCR delta rearrangements. **J Immunol**. 2005;175:2495-2500:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=16081821
12. Zuna J, Ford AM, Peham M, Patel N, Saha V, Eckert C, Kochling J, Panzer-Grumayer R, **Trka J**, Greaves M. TEL deletion analysis supports a novel view of relapse in childhood acute lymphoblastic leukemia. **Clin Cancer Res**. 2004;10:5355-5360:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15328172
13. Krejci O, Starkova J, Otova B, Madzo J, Kalinova M, Hrusak O, **Trka J**.

Upregulation of asparagine synthetase fails to avert cell cycle arrest induced by L-asparaginase in TEL/AML1-positive leukaemic cells. **Leukemia**. 2004;18:434-441:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=14724653

14. Kracht T, Schrappe M, Strehl S, Reiter A, Elsner HA, **Trka J**, Cario G, Viehmann S, Harbott J, Borkhardt A, Metzler M, Langer T, Repp R, Marschalek R, Welte K, Haas OA, Stanulla M.

NQO1 C609T polymorphism in distinct entities of pediatric hematologic neoplasms. **Haematologica**. 2004;89:1492-1497:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=15590400

15. Zuna J, Muzikova K, Ford AM, Maia AT, Krejci O, Tousovska K, Oravkinova I, Greaves M, **Trka J**.

Pre-natal, clonal origin of acute lymphoblastic leukaemia in triplets. **Leuk Lymphoma**. 2003;44:2099-2102:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=14959854

16. Valerianova M, Otova B, Bila V, Hanzalova J, Votruba I, Holy A, Eckschlager T, Krejci O, **Trka J**. PMEDAP and its N6-substituted derivatives: genotoxic effect and apoptosis in in vitro conditions.

Anticancer Res. 2003;23:4933-4939:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=14981948

17. Rainis L, Bercovich D, Strehl S, Teigler-Schlegel A, Stark B, **Trka J**, Amariglio N, Biondi A, Muler I, Rechavi G, Kempski H, Haas OA, Izraeli S.

Mutations in exon 2 of GATA1 are early events in megakaryocytic malignancies associated with trisomy 21. **Blood**. 2003;102:981-986:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12649131

18. Madzo J, Zuna J, Muzikova K, Kalinova M, Krejci O, Hrusak O, Otova B, Sary J, **Trka J**.

Slower molecular response to treatment predicts poor outcome in patients with TEL/AML1 positive acute lymphoblastic leukemia: prospective real-time quantitative reverse transcriptase-polymerase chain reaction study. **Cancer**. 2003;97:105-113:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12491511

19. Krejci O, Prouzova Z, Horvath O, **Trka J**, Hrusak O.

Cutting edge: TCR delta gene is frequently rearranged in adult B lymphocytes. **J Immunol**. 2003;171:524-527:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12847212

20. Zuna J, Muzikova K, Hrusak O, Sary J, **Trka J**.

Significance of real-time quantitative PCR detection of p16 gene deletions in childhood acute lymphoblastic leukemia. **Haematologica**. 2002;87:668-669:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12031930

21. Zuna J, Muzikova K, Madzo J, Krejci O, **Trka J**.

Temperature non-homogeneity in rapid airflow-based cyclers significantly affects real-time PCR. **Biotechniques**. 2002;33:508, 510, 512:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12238760

22. **Trka J**, Kalinova M, Hrusak O, Zuna J, Krejci O, Madzo J, Sedlacek P, Vavra V, Michalova K, Jarosova M, Sary J.

Real-time quantitative PCR detection of WT1 gene expression in children with AML: prognostic significance, correlation with disease status and residual disease detection by flow cytometry. **Leukemia**. 2002;16:1381-1389:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12094264

23. Sary J, Gajdos P, Hrstkova H, Blazek B, Slavik Z, Mihal V, Zahalka F, Jabali Y, Vavra V, Kopečna L, Mydlil J, **Trka J**.

Treatment of Czech children with acute lymphoblastic leukemia: a report of the Czech Working Group for Pediatric Hematology. **Med Pediatr Oncol**. 2002;39:125-127:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12116061

24. Jarosova M, Holzerova M, Mihal V, Blatny J, Lakoma I, **Trka J**, Pikalova Z, Hrusak O, Indrak K. Additional evidence of genetic changes in children with ALL and TEL/AML1 fusion gene. **Leukemia**. 2002;16:1873-1875:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=12200711

25. Hrusak O, **Trka J**, Zuna J, Polouckova A, Kalina T, Sary J.

Acute lymphoblastic leukemia incidence during socioeconomic transition: selective increase in children from 1 to 4 years. **Leukemia**. 2002;16:720-725:

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11960355

26. Seeger K, Viehmann S, Buchwald D, Harbott J, Schrappe M, Sary J, Henze G, **Trka J**.

- Treatment response and residual-disease monitoring in initial and relapsed TEL-AML1 positive childhood ALL. **Leukemia**. 2001;15:280-282:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11236946
27. Sedlacek P, **Trka J**, Zuna J, Hrusak O, Honzatkova-Krskova L, Sary J. Monitoring of minimal residual disease and mixed chimerism in a case of high-risk TEL/AML1+ acute lymphoblastic leukemia pre- and post-bone marrow transplantation. Czech Pediatric Haematology Working Group. **Haematologica**. 2000;85:1100-1102:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11025608
28. Jarosova M, Holzerova M, Jedlickova K, Mihal V, Zuna J, Sary J, Pospisilova D, Zemanova Z, **Trka J**, Blazek J, Pikalova Z, Indrak K. Importance of using comparative genomic hybridization to improve detection of chromosomal changes in childhood acute lymphoblastic leukemia. **Cancer Genet Cytogenet**. 2000;123:114-122:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=11156736
29. Divoky V, **Trka JM**, Watzinger F, Lion T. Cryptic splice site activation during RNA processing of MLL/AF4 chimeric transcripts in infants with t(4;11) positive ALL. **Gene**. 2000;247:111-118:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=10773450
30. Zuna J, Hrusak O, Kalinova M, Muzikova K, Sary J, **Trka J**. TEL/AML1 positivity in childhood ALL: average or better prognosis? Czech Paediatric Haematology Working Group. **Leukemia**. 1999;13:22-24:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=10049055
31. Zuna J, Hrusak O, Kalinova M, Muzikova K, Sary J, **Trka J**. Significantly lower relapse rate for TEL/AML1-positive ALL. **Leukemia**. 1999;13:1633:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=10516768
32. **Trka J**, Zuna J, Hrusak O, Michalova K, Muzikova K, Kalinova M, Horak J, Sary J. No evidence for MLL/AF4 expression in normal cord blood samples. **Blood**. 1999;93:1106-1107; author reply 1108-1110:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=10025980
33. Hrusak O, **Trka J**, Zuna J, Bartunkova J, Sary J. Are we ready to curtail testing for TEL/AML1 fusion? Pediatric Hematology Working Group in the Czech Republic. **Leukemia**. 1999;13:981-983:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=10360390
34. **Trka J**, Zuna J, Hrusak O, Kalinova M, Muzikova K, Lauschman H, Sary J. Impact of TEL/AML1-positive patients on age distribution of childhood acute lymphoblastic leukemia in Czech Republic. Pediatric Hematology Working Group in Czech Republic. **Leukemia**. 1998;12:996-997:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=9639432
35. Hrusak O, **Trka J**, Zuna J, Houskova J, Bartunkova J, Sary J. Aberrant expression of KOR-SA3544 antigen in childhood acute lymphoblastic leukemia predicts TEL-AML1 negativity. The Pediatric Hematology Working Group in the Czech Republic. **Leukemia**. 1998;12:1064-1070:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=9665191
36. **Trka J**, Divoky V, Lion T. Prevention of product carry-over by single tube two-round (ST-2R) PCR: application to BCR-ABL analysis in chronic myelogenous leukemia. **Nucleic Acids Res**. 1995;23:4736-4737:
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Citation&list_uids=8524669