

Patent Selections:

The patents annotated in this section have been selected from various patent collections. They are recent patents categorized by therapeutic area/agent/target and therapeutic agents related to DNA & gene sequences and are relevant to the articles published in this journal issue.

GENETIC IDENTIFICATION & GENETIC DISEASE DIAGNOSIS

1. Raadsma, H., Fullard, K., Gongora, R. J. H., Tammen, I., Cavanagh, C. Markers for pigmentation. *WO08014550 (2008)*.
2. Shackell, G.H., Mathias, H.C., Cave, V.M., Dodds, K. G., Crawford, A. M. Identifying the batch origin of a compound biological product such as ground mince using genetic profiles. *NZ537318 (2008)*.
3. Carson, D. A., Liu, Y.-T. Methods for high sensitivity detection of genetic polymorphisms. *WO08016615 (2008)*.
4. Ferguson, M. W. J., Ollier, W. E. R., Bayat, A. Genetic polymorphism in the Zf9 gene linked to inappropriate scarring or fibrosis. *US20087332305 (2008)*.

GENOME & METAGENOME

1. Tanaka, J. Genome analysis system. *EPI881431 (2008)*.
2. Hoheisel, J., Angenendt, P. Genome-wide screening for SNPs and mutations related to disease conditions. *WO08016879 (2008)*.
3. Tanaka, J., Inoue, M. Genome analysis system, genome analysis method, and program. *WO08007424 (2008)*.
4. Ugo, E.D., Rapicetta, M., Giuseppetti, R., Argentini, C. Antigen-antibody complexes. *GB2440528 (2008)*.
5. Dunn, J. J., van der Lelie, D., Krause, M. K., McCorkle, S. R. Genome signature tags. *US20087323306 (2008)*.
6. Zamore, P. D., Hutvagner, G., Mclachlan, J., Mello, C. C., Grishok, A. *in vivo* Production of small interfering RNAs that mediate gene silencing. *EPI900815 (2008)*.
7. Saito, I., Kanegae, Y. Cells expressing recombinase. *EPI895003 (2008)*.

ANTIMICROBIAL PEPTIDES

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3. Hancock, R. E. W., Hilpert, K., Cherkasov, A., Fjell, C. Small cationic antimicrobial peptides. *WO08022444 (2008)*.

4. Blondelle, S. E., Jerala, R., Pristovsek, P., Majerle, A., Zorko, M., Japelj, B., Brandenburg, K., Andrae, J., Porro, M., Uria, I. M., Leon, J. L., Martinez, D.T.D. G., Zweytick, D., Deutsch, G., Lohner, K. Antimicrobial peptides. *WO08006125 (2008)*.
5. Hancock, R. E. W., Gough, M. A., Patrzykat, A., Woods, D., Jia, X. Anti-endotoxic, antimicrobial cationic peptides, the encoding DNA and methods of use thereof. *US20080009445 (2008)*.
6. McCormack, F. X. JR. Peptides with antioxidant and antimicrobial properties. *US20080020983 (2008)*.
7. Lehrer, R. I., Waring, A. J., Cole, A.M., Hong, T.B. Retrocyclins: antiviral and antimicrobial peptides. *US20087314858 (2008)*.
8. Mahon, B.P., Fares, M., Niruairc, A., Scanlon, K., O'gorman, M. Novel peptide. *WO08012066 (2008)*.
9. Bjorck, L., Frick, I.-M., Schmidtchen, A. Antimicrobial agent. *US20087335355 (2008)*.
10. Lu, J.-K., Wu, J.-L., Chiou, T.-T. Novel antimicrobial peptide isolated from *Panaeus monodon*. *US20080032385 (2008)*.
11. Hammer, R. P., Fu, Y., Miller, T. J., McLaughlin, M. L. Anti-fibril peptides *US20087345022 (2008)*.
12. Abdel-Wahab, Y. H. A., Marenah, L., Orr, D. F., McClean, S., Flatt, P. R., Shaw, C. Insulin releasing peptides. *US20080058269 (2008)*.
13. East, P. D., Brown, S. E. Antifungal peptides. *US20080032924 (2008)*.
14. Chilkoti, A. Fusion peptide therapeutic compositions. *WO08030968 (2008)*.
15. Garbe, C., Schitteck, B. Antimicrobially active peptide. *US20080020976 (2008)*.
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17. Galoyan, A. A peptide possessing anti-anthrax activity. *WO08019406 (2008)*.
18. Wilson, M., Parkin, I.P., Nair, S., Gil-Tomas, J. J. Antimicrobial conjugates. *US20080050448 (2008)*.
19. Wilson, M., Parkin, I. P., Nair, S. Antimicrobial mixtures. *US20080031960 (2008)*.
20. Wilson, M., Parkin, I. P., Nair, S., Gil-Tomas, J. Antimicrobials. *WO08015453 (2008)*.

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6. Ross, P., Coffey, A. Recombinant staphylococcal phage lysin as an antibacterial agent. **WO08001342 (2008)**.
7. Elmer, P. G., Reglinski, T., Hill, R. A. Biological control of plant diseases. **US20080050344 (2008)**.
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10. Hutchison, C. A I., Smith, H.O. Amplification and cloning of single DNA molecules using rolling circle amplification. **EP1885880 (2008)**.
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ABERRANT DNA METHYLATION

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2. Baylin, S.B., Criekinge, W. V., Schuebel, K. E., Cope, L., Suzuki, H., Herman, J. Early detection and prognosis of colon cancers. **WO08010975 (2008)**.
3. Li, E., Okano, M., Xie, S. *De novo* DNA cytosine methyltransferase genes, polypeptides and uses thereof. **US20087342108 (2008)**.
4. Glinksy, G. V. Prognostic and diagnostic method for disease therapy. **WO08021483 (2008)**.
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and use thereof in fiber modification. **WO08012058 (2008)**.

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7. Eng, C. Targets for use in diagnosis, prognosis and therapy of cancer. **WO08002672 (2008)**.
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1. Malafa, M.P., Sebti, S. M. Delta-tocotrienol treatment and prevention of pancreatic. **WO08002611 (2008)**.
2. Mekada, E., Miyamoto, S. Therapeutic agent for cancer. **EP1894575 (2008)**.
3. Satou, S., Ishii, T. Prophylactic/therapeutic agent for cancer. **EP1876186 (2008)**.
4. Kimura, N. Cancer therapeutic agent comprising ligand for neuromedin U receptor 2 (FM4) molecule as active ingredient. **WO08029601 (2008)**.
5. Blanc, V., Fromond, C., Parker, F., Han, J., Tavares, D., Zhang, C., Li, M., Zhou, X.-M., Streuli, M. Antagonist antibody for the treatment of cancer. **WO08010101 (2008)**.
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10. Schleyer, S. C., Jefferson, A. B., Abraham, J. A., Kavanaugh, W. M. Use of NRG4, or inhibitors thereof, in the treatment of colon and pancreatic cancers. **US20080008711 (2008)**.
11. Fairlie, D., Glenn, M., Kahnberg, P. Anti-cancer agents. **US20080004290 (2008)**.

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1. Einstein, R., Kane, K.P., Pando, M.P. Prostate specific transcripts and the use thereof for prostate cancer therapeutics and diagnostics. **WO08003656 (2008)**.

2. Gregor, M. Sensitive method for detecting circular telomeric molecules and its application in cancer diagnostics and treatment. **EPI895013 (2008)**.
3. Chelsky, D., Hugo, P., Kondejewski, L. H., Hamaidi, L., Lanoix, J., Paramithiotis, E., Kearney, P. E., Mcelligott, D., Peterson, S. R., Hill, C. M. TAT-051 and methods of assessing and treating cancer. **WO08013816 (2008)**.
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6. Hadden, J. W., Signorelli, K., Egan, J. Vaccine immunotherapy. **WO08014220 (2008)**.
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8. Ferrari, M. Multistage delivery of active agents. **WO08021908 (2008)**.

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3. Cohen, J. D., Marchand, M., Ockenhouse, C. F., Yadava, A. Vaccines for malaria. **WO08009652 (2008)** and **WO08009650 (2008)**.
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7. Weeks-Levy, C.L., Clements, D. E., Ogata, S. A. Influenza recombinant subunit vaccine. **US20080008725 (2008)**.
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10. Hernandez, R., Brown, D. T. Membrane virus host range mutations and their uses as vaccine substrates. **US20087335363 (2008)**.
11. Childrens, H. I., Walker, C. Disruption of programmed death-1 (PD-1) ligands to adjuvant

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3. Allen, E., Guo, L., Heisel, S. E., Ivashuta, S. I., Zhang, Y. Phased small RNAs. **US20080066206 (2008)**.
4. Bullard, J.J., Janjic, N., Mchenry, C.S. DNA polymerase III holoenzyme delta subunit nucleic acid molecules and proteins. **EPI816213 (2008)**.
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6. Church, G.M., Zhang, K. Genomic library construction. **WO07136874 (2007)**.
7. Zhu, H., Snyder, M., Wang, J., Liu, G., Hu, S., Jona, G., Zhu, X. Virus protein microarray and uses therefore. **WO07053165 (2007)**.
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9. Fischer, C., Stephanopoulos, G., Alper, H. S., Nevoigt, E. Promoter engineering and genetic control. **US20070178505 (2007)**.

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1. Audonnet, J. C. F., Karaca, K., Yao, J., Maclachlan, Nigel, J. Recombinant vaccine against bluetongue virus. **WO08030282 (2008)**.
2. Lopata, A., Meeusen, E., Mancuso, N. Probes for identifying cancer-specific antigens. **US20087329542 (2008)**.
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7. Perrissoud, D., Pietras, M., Engel, J. Novel alkyl phospholipid derivatives with reduced cytotoxicity and uses thereof. *US20070167408 (2008)*.
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2. Sanchez-Garcia, I., Perez-Caro, M. Identification of cancer stem cells using genetic markers. *WO08029290 (2008)*.
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4. Nuytinck, L. Combinations of markers for increased accuracy of diagnosis of rheumatoid. *EPI1881081 (2008)*.
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