

### **Paclitaxel, carboplatin and 1,25-D3 inhibit proliferation of ovarian cancer cells in vitro**

Kuittinen, T., Rovio, P., Luukkaala, T., Laurila, M., Grénman, S., Kallioniemi, A. & Mäenpää, J., 1 Jun 2020, In : *Anticancer Research*. 40, 6, p. 3129-3138 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **AR and ERG drive the expression of prostate cancer specific long noncoding RNAs**

Kohvakka, A., Sattari, M., Shcherban, A., Annala, M., Urbanucci, A., Kesseli, J., Tammela, T. L. J., Kivinummi, K., Latonen, L., Nykter, M. & Visakorpi, T., 2020, In : *Oncogene*. 39, p. 5241–5251 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Effects of aerobic and strength training on aerobic capacity, muscle strength, and gene expression of lymphomonocytes in patients with stable CAD**

Lehti, M., Valkeinen, H., Sipilä, S., Perhonen, M., Rottensteiner, M., Pullinen, T., Pietiläinen, R., Nyman, K., Vehkaoja, A., Kainulainen, H. & Kujala, U. M., 2020, In : *American Journal of Translational Research*. 12, 8, p. 4582-4593 12 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Detection of Pancreatic Cancer by Urine Volatile Organic Compound Analysis**

Nissinen, S. I., Roine, A., Hokkinen, L., Karjalainen, M., Venäläinen, M., Helminen, H., Niemi, R., Lehtimäki, T., Rantanen, T. & Oksala, N., Jan 2019, In : *Anticancer Research*. 39, 1, p. 73-79 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Recurrent moderate-risk mutations in Finnish breast and ovarian cancer patients**

Nurmi, A., Muranen, T. A., Pelttari, L. M., Kiiski, J. I., Heikkinen, T., Lehto, S., Kallioniemi, A., Schleutker, J., Bützow, R., Blomqvist, C., Aittomäki, K. & Nevanlinna, H., 2019, In : *International Journal of Cancer*.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Altered polyamine profiles in colorectal cancer**

Venäläinen, M. K., Roine, A. N., Häkkinen, M. R., Vepsäläinen, J. J., Kumpulainen, P. S., Kiviniemi, M. S., Lehtimäki, T., Oksala, N. K. & Rantanen, T. K., 1 Jun 2018, In : *Anticancer Research*. 38, 6, p. 3601-3607 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Depletion of nuclear import protein karyopherin alpha 7 (KPNA7) induces mitotic defects and deformation of nuclei in cancer cells**

Vuorinen, E. M., Rajala, N. K., Ihalainen, T. O. & Kallioniemi, A., 27 Mar 2018, In : *BMC Cancer*. 18, 1, 325.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Strong FGFR3 staining is a marker for FGFR3 fusions in diffuse gliomas**

Granberg, K. J., Annala, M., Lehtinen, B., Kesseli, J., Haapasalo, J., Ruusuvuori, P., Yli-Harja, O., Visakorpi, T., Haapasalo, H., Nykter, M. & Zhang, W., 1 Sep 2017, In : *Neuro-Oncology*. 19, 9, p. 1206-1216 11 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **Clinical association analysis of ependymomas and pilocytic astrocytomas reveals elevated FGFR3 and FGFR1 expression in aggressive ependymomas**

Lehtinen, B., Raita, A., Kesseli, J., Annala, M., Nordfors, K., Yli-Harja, O., Zhang, W., Visakorpi, T., Nykter, M., Haapasalo, H. & Granberg, K. J., 3 May 2017, In : *BMC Cancer*. 17, 1, 310.

Research output: Contribution to journal › Article › Scientific › peer-review

### **The Association Between Liver and Tumor [<sup>18</sup>F]FDG Uptake in Patients with Diffuse Large B Cell Lymphoma During Chemotherapy**

Wu, X., Bhattarai, A., Korkola, P., Pertovaara, H., Eskola, H. & Kellokumpu-Lehtinen, P. L., 2017, In : *Molecular Imaging and Biology*. 19, 5, p. 787–794 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

### **The Effects of Pharmacological Compounds on Beat Rate Variations in Human Long QT-Syndrome Cardiomyocytes**

Kuusela, J., Kim, J., Räsänen, E. & Aalto-Setälä, K., 2016, In : *Stem Cell Reviews and Reports*. 12, 6, p. 698–707 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**A Comparative View on Easy to Deploy non-Integrating Methods for Patient-Specific iPSC Production**

Manzini, S., Viiri, L. E., Marttila, S. & Aalto-Setälä, K., 1 Dec 2015, In : *Stem Cell Reviews and Reports*. 11, 6, p. 900-908 9 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**European Code against Cancer 4th Edition: Medical exposures, including hormone therapy, and cancer**

Friis, S., Kesminiene, A., Espina, C., Auvinen, A., Straif, K. & Schüz, J., 1 Dec 2015, In : *CANCER EPIDEMIOLOGY*. 39, p. S107-S119

Research output: Contribution to journal > Article > Scientific > peer-review

**European Code against Cancer 4th Edition: Ionising and non-ionising radiation and cancer**

McColl, N., Auvinen, A., Kesminiene, A., Espina, C., Erdmann, F., de Vries, E., Greinert, R., Harrison, J. & Schüz, J., 1 Dec 2015, In : *CANCER EPIDEMIOLOGY*. 39, p. S93-S100

Research output: Contribution to journal > Article > Scientific > peer-review

**European Code against Cancer 4th Edition: Ultraviolet radiation and cancer**

Greinert, R., de Vries, E., Erdmann, F., Espina, C., Auvinen, A., Kesminiene, A. & Schüz, J., 1 Dec 2015, In : *CANCER EPIDEMIOLOGY*. 39, p. S75-S83

Research output: Contribution to journal > Article > Scientific > peer-review

**Effects of single and fractionated irradiation on natural killer cell populations: Radiobiological characteristics of viability and cytotoxicity in vitro**

Hietanen, T., Pitkänen, M., Kapanen, M. & Kellokumpu-Lehtinen, P. L., 1 Oct 2015, In : *Anticancer Research*. 35, 10, p. 5193-5200 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Transcriptome sequencing reveals PCAT5 as a Novel ERG-Regulated long Noncoding RNA in prostate cancer**

Ylipää, A., Kivinummi, K., Kohvakka, A., Annala, M., Latonen, L., Scaravilli, M., Kartasalo, K., Leppänen, S. P., Karakurt, S., Seppälä, J., Yli-Harja, O., Tammela, T. L. J., Zhang, W., Visakorpi, T. & Nykter, M., 1 Oct 2015, In : *Cancer Research*. 75, 19, p. 4026-4031 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Reducing overdiagnosis by polygenic risk-stratified screening: Findings from the Finnish section of the ERSPC**

Pashayan, N., Pharoah, P. D. P., Schleutker, J., Talala, K., Tammela, T. L. J., Mänttinen, L., Harrington, P., Tyrer, J., Eeles, R., Duffy, S. W. & Auvinen, A., 29 Sep 2015, In : *British Journal of Cancer*. 113, 7, p. 1086-1093 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Intraprostatic inflammation is positively associated with serum PSA in men with PSA <4 ngml<sup>-1</sup>, normal DRE and negative for prostate cancer**

Umbuhr, M. H., Gurel, B., Murtola, T. J., Sutcliffe, S., Peskoe, S. B., Tangen, C. M., Goodman, P. J., Thompson, I. M., Lippman, S. M., Lucia, M. S., Parnes, H. L., Drake, C. G., Nelson, W. G., De Marzo, A. M. & Platz, E. A., 14 Sep 2015, In : *PROSTATE CANCER AND PROSTATIC DISEASES*. 18, 3, p. 264-269 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Sotalol, but not digoxin is associated with decreased prostate cancer risk: A population-based case-control study**

Kaapu, K. J., Ahti, J., Tammela, T. L. J., Auvinen, A. & Murtola, T. J., 1 Sep 2015, In : *International Journal of Cancer*. 137, 5, p. 1187-1195 9 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Construction of therapeutically relevant human prostate epithelial fate map by utilising miRNA and mRNA microarray expression data**

Rane, J. K., Ylipää, A., Adamson, R., Mann, V. M., Simms, M. S., Collins, A. T., Visakorpi, T., Nykter, M. & Maitland, N. J., 11 Aug 2015, In : *British Journal of Cancer*. 113, 4, p. 611-615 5 p.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **Human breast cancer cells educate macrophages toward the M2 activation status**

Sousa, S., Brion, R., Lintunen, M., Kronqvist, P., Sandholm, J., Mönkkönen, J., Kellokumpu-Lehtinen, P. L., Lanttia, S., Tynnen, O., Joensuu, H., Heymann, D. & Määttä, J. A., 5 Aug 2015, In : BREAST CANCER RESEARCH. 17, 1, 101.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **Effects of remedies made in patient setup process on residual setup errors and margins in head and neck cancer radiotherapy based on 2D image guidance**

Kapanen, M., Laaksomaa, M., Tulijoki, T., Kellokumpu-Lehtinen, P. L. & Hyödynmaa, S., 1 Jul 2015, In : Reports of Practical Oncology and Radiotherapy. 20, 4, p. 292-298 7 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **MIR-25 modulates invasiveness and dissemination of human prostate cancer cells via regulation of $\alpha$ - and $\alpha$ 6-integrin expression**

Zoni, E., Van Der Horst, G., Van De Merbel, A. F., Chen, L., Rane, J. K., Pelger, R. C. M., Collins, A. T., Visakorpi, T., Snaar-Jagalska, B. E., Maitland, N. J. & Van Der Pluijm, G., 1 Jun 2015, In : Cancer Research. 75, 11, p. 2326-2336 11 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **Survival benefit of early androgen receptor inhibitor therapy in locally advanced prostate cancer: Long-term follow-up of the SPCG-6 study**

Thomsen, F. B., Brasso, K., Christensen, I. J., Johansson, J. E., Angelsen, A., Tammela, T. L. J. & Iversen, P., 30 May 2015, In : EUROPEAN JOURNAL OF CANCER. 51, 10, p. 1283-1292 10 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **Fine-mapping the 2q37 and 17q11.2-q22 loci for novel genes and sequence variants associated with a genetic predisposition to prostate cancer**

Laitinen, V. H., Rantapero, T., Fischer, D., Vuorinen, E. M., Tammela, T. L. J., Wahlfors, T. & Schleutker, J., 15 May 2015, In : International Journal of Cancer. 136, 10, p. 2316-2327 12 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **The Finnish prostate cancer screening trial: Analyses on the screening failures**

Kilpeläinen, T. P., Tammela, T. L. J., Malila, N., Hakama, M., Santti, H., Määttä, L., Stenman, U. H., Kujala, P. & Auvinen, A., 15 May 2015, In : International Journal of Cancer. 136, 10, p. 2437-2443 7 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **Family history in the Finnish prostate cancer screening trial**

Saarimäki, L., Tammela, T. L., Määttä, L., Taari, K., Kujala, P. M., Raitanen, J. & Auvinen, A., 1 May 2015, In : International Journal of Cancer. 136, 9, p. 2172-2177 6 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **Microarray analysis of differentially expressed genes in ovarian and fallopian tube epithelium from risk-reducing salpingo-oophorectomies**

Veskimäe, K., Staff, S., Tabaro, F., Nykter, M., Isola, J. & Mäenpää, J., 1 May 2015, In : Genes Chromosomes and Cancer. 54, 5, p. 276-287 12 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **Podocyte apoptosis is prevented by blocking the Toll-like receptor pathway**

Saurus, P., Kuusela, S., Lehtonen, E., Hyvönen, M. E., Ristola, M., Fogarty, C. L., Tienari, J., Lassenius, M. I., Forsblom, C., Lehto, M., Saleem, M. A., Groop, P. H., Holthöfer, H. & Lehtonen, S., 1 May 2015, In : CELL DEATH AND DISEASE. 6, 5, e1752.  
Research output: Contribution to journal > Article > Scientific > peer-review

#### **European code against cancer 4th edition: 12 ways to reduce your cancer risk**

Schüz, J., Espina, C., Villain, P., Herrero, R., Leon, M. E., Minozzi, S., Romieu, I., Segnan, N., Wardle, J., Wiseman, M., Belardelli, F., Bettcher, D., Cavalli, F., Galea, G., Lenoir, G., Martin-Moreno, J. M., Nicula, F. A., Olsen, J. H., Patnick, J., Primic-Zakelj, M., Puska, P., Van Leeuwen, F. E., Wiestler, O., Zatonski, W., Guha, N., Kralikova, E., McNeill, A., Peruga, A., Anderson, A., Berrino, F., Boutron-Ruault, M. C., Cecchini, M., Key, T. J., Leitzmann, M., Norat, T., Powers, H. J., Scoccianti, C., Auvinen, A., de Vries, E., Erdmann, F., Greinert, R., Harrison, J., Kesminiene, A., McColl, N., Friis, S., Kogevinas, M., Saracci, R., Straif, K., Vainio, H., Almonte, M., Anttila, A., De Vuyst, H., Dillner, J., Franceschi, S., Gonzalez, P., Hall, A., Park, J. Y., Armaroli, P., Atkin, W., Dean, P. B., de Koning, H., Dillner, L., Kuipers, E., Lansdorp-

Vogelaar, I., Paci, E., Regula, J., Suonio, E., Törnberg, S., Wood, L. F., Gaudin, N., Frie, K. G., Terrasse, V., Winstanley, K., Bellisario, C., Biagioli, E., Cinquini, M., Gianola, S., Lorenzo, M. G., von Karsa, L. & Lignini, T., 9 Apr 2015, In : *CANCER EPIDEMIOLOGY*. 39, p. S1-S10

Research output: Contribution to journal > Article > Scientific > peer-review

#### **Early effects of adjuvant breast cancer radiotherapy on right ventricular systolic and diastolic function**

Tuohinen, S. S., Skyttä, T., Virtanen, V., Luukkaala, T., Kellokumpu-Lehtinen, P. L. & Raatikainen, P., 1 Apr 2015, In : *Anticancer Research*. 35, 4, p. 2141-2147 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **The concurrent use of aromatase inhibitors and radiotherapy induces echocardiographic changes in patients with breast cancer**

Skyttä, T., Tuohinen, S., Virtanen, V., Raatikainen, P. & Kellokumpu-Lehtinen, P. L., 1 Mar 2015, In : *Anticancer Research*. 35, 3, p. 1559-1566 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **VEGFR3 and CD31 as prognostic factors in renal cell cancer**

Virman, J. P., Bono, P., Luukkaala, T., Sunela, K., Kujala, P. & Kellokumpu-Lehtinen, P. L., 1 Feb 2015, In : *Anticancer Research*. 35, 2, p. 921-927 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **Computational cancer biology: education is a natural key to many locks**

Emmert-Streib, F., Zhang, S. D. & Hamilton, P., 15 Jan 2015, In : *BMC Cancer*. 15, 1, 7.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **Cost-effectiveness of prostate cancer screening: A simulation study based on ERSPC data**

Heijnsdijk, E. A. M., De Carvalho, T. M. D., Auvinen, A., Zappa, M., Nelen, V., Kwiatkowski, M., Villers, A., Páez, A., Moss, S. M., Tammela, T. L. J., Recker, F., Denis, L., Carlsson, S. V., Wever, E. M., Bangma, C. H., Schröder, F. H., Roobol, M. J., Hugosson, J. & De Koning, H. J., 1 Jan 2015, In : *JOURNAL OF THE NATIONAL CANCER INSTITUTE*. 107, 1, dju366.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **FRα: une cible pour la thérapie photodynamique prophylactique des métastases péritonéales ovariennes?**

Azaïs, H., Moussaron, A., Bach, S. K., Bassil, A., Betrouni, N., Frochot, C., Collinet, P. & Mordon, S., 1 Dec 2014, In : *BULLETIN DU CANCER*. 101, 12, p. 1109-1113 5 p.

Research output: Contribution to journal > Review Article > Scientific > peer-review

#### **Estimation of optimal matching position for orthogonal kV setup images and minimal setup margins in radiotherapy of whole breast and lymph node areas**

Laaksomaa, M., Kapanen, M., Skyttä, T., Peltola, S., Hyödynmaa, S. & Kellokumpu-Lehtinen, P. L., 1 Nov 2014, In : *Reports of Practical Oncology and Radiotherapy*. 19, 6, p. 369-375 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **Claudins as prognostic factors for renal cell cancer**

Virman, J. P., Soini, Y., Kujala, P., Luukkaala, T., Salminen, T., Sunela, K. & Kellokumpu-Lehtinen, P. L., 1 Aug 2014, In : *Anticancer Research*. 34, 8, p. 4181-4188 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

#### **RE: Prostate-specific antigen screening trials and prostate cancer deaths: The androgen deprivation connection**

Carlsson, S., Roobol, M. J., Schröder, F. H., Hugosson, J. & Auvinen, A., 14 May 2014, In : *JOURNAL OF THE NATIONAL CANCER INSTITUTE*. 106, 5, dju079.

Research output: Contribution to journal > Letter > Scientific > peer-review

#### **Chernobyl fallout and cancer incidence in Finland 1988-2007**

Auvinen, A., Seppä, K., Pasanen, K., Kurttio, P., Patama, T., Pukkala, E., Heinävaara, S., Arvela, H., Verkasalo, P. & Hakulinen, T., 1 May 2014, In : *International Journal of Cancer*. 134, 9, p. 2253-2263 11 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Impact of epoetin-beta on anemia and health-related quality of life in cancer patients: A prospective observational study using the generic 15D instrument**

Mäenpa, J., Puistola, U., Riska, H., Sintonen, H., Saarni, O., Juvonen, E. & Kellokumpu-Lehtinen, P. L., 1 May 2014, In : *Anticancer Research*. 34, 5, p. 2325-2330 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Hypermethylation of the GABREmiR-452miR-224 promoter in prostate cancer predicts biochemical recurrence after radical prostatectomy**

Kristensen, H., Haldrup, C., Strand, S., Mundbjerg, K., Mortensen, M. M., Thorsen, K., Ostensfeld, M. S., Wild, P. J., Arsov, C., Goering, W., Visakorpi, T., Egevad, L., Lindberg, J., Grönberg, H., Høyer, S., Borre, M., Orntoft, T. F. & Sørensen, K. D., 15 Apr 2014, In : *Clinical Cancer Research*. 20, 8, p. 2169-2181 13 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Quality of life of recently treated patients with breast cancer**

Penttinen, H., Rautalin, M., Roine, R., Jahkola, T., Kellokumpu-Lehtinen, P. L., Huovinen, R., Kautiainen, H., Järvenpää, S., Hakamies-Blomqvist, L., Blomqvist, C. & Saarto, T., 1 Mar 2014, In : *Anticancer Research*. 34, 3, p. 1201-1206 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**USP22 regulates oncogenic signaling pathways to drive lethal cancer progression**

Schrecengost, R. S., Dean, J. L., Goodwin, J. F., Schiewer, M. J., Urban, M. W., Stanek, T. J., Sussman, R. T., Hicks, J. L., Birbe, R. C., Draganova-Tacheva, R. A., Visakorpi, T., DeMarzo, A. M., McMahon, S. B. & Knudsen, K. E., 1 Jan 2014, In : *Cancer Research*. 74, 1, p. 272-286 15 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**A Novel MMP12 Locus Is Associated with Large Artery Atherosclerotic Stroke Using a Genome-Wide Age-at-Onset Informed Approach**

Traylor, M., Mäkelä, K. M., Kilarski, L. L., Holliday, E. G., Devan, W. J., Nalls, M. A., Wiggins, K. L., Zhao, W., Cheng, Y. C., Achterberg, S., Malik, R., Sudlow, C., Bevan, S., Raitoharju, E., Oksala, N., Thijs, V., Lemmens, R., Lindgren, A., Slowik, A., Maguire, J. M., Walters, M., Algra, A., Sharma, P., Attia, J. R., Boncoraglio, G. B., Rothwell, P. M., de Bakker, P. I. W., Bis, J. C., Saleheen, D., Kittner, S. J., Mitchell, B. D., Rosand, J., Meschia, J. F., Levi, C., Dichgans, M., Lehtimäki, T., Lewis, C. M. & Markus, H. S., 2014, In : *PLOS GENETICS*. 10, 7, e1004469.

Research output: Contribution to journal > Article > Scientific > peer-review

**Optimal management of metastatic castration-resistant prostate cancer: Highlights from a European Expert Consensus Panel**

Fitzpatrick, J. M., Bellmunt, J., Fizazi, K., Heidenreich, A., Sternberg, C. N., Tombal, B., Alcaraz, A., Bahl, A., Bracarda, S., Di Lorenzo, G., Efstathiou, E., Finn, S. P., Fossà, S., Gillessen, S., Kellokumpu-Lehtinen, P. L., Lecouvet, F. E., Oudard, S., De Reijke, T. M., Robson, C. N., De Santis, M., Seruga, B. & De Wit, R., 2014, In : *EUROPEAN JOURNAL OF CANCER*. 50, 9, p. 1617-1627 11 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Prostate cancer risk and nonsteroidal antiinflammatory drug use in the Finnish prostate cancer screening trial.**

Veitonmäki, T., Murtola, T. J., Määttänen, L., Taari, K., Stenman, U. H., Tammela, T. L. & Auvinen, A., 2014, In : *British Journal of Cancer*. 111, 7, p. 1421-1431 11 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**The diverse role of miR-31 in regulating cancer associated phenotypes**

Laurila, E. M. & Kallioniemi, A., Dec 2013, In : *Genes Chromosomes and Cancer*. 52, 12, p. 1103-1113 11 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Chk1 targeting reactivates PP2A tumor suppressor activity in cancer cells**

Khanna, A., Kauko, O., Böckelman, C., Laine, A., Schreck, I., Partanen, J. I., Szwajda, A., Bormann, S., Bilgen, T., Helenius, M., Pokharel, Y. R., Pimanda, J., Russel, M. R., Haglund, C., Cole, K. A., Klefström, J., Aittokallio, T., Weiss, C., Ristimäki, A., Visakorpi, T. & Westermarck, J., 15 Nov 2013, In : *Cancer Research*. 73, 22, p. 6757-6769 13 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Bi-weekly paclitaxel and capecitabine as a second- Or third-line treatment for advanced breast cancer: A pilot study**  
Kellokumpu-Lehtinen, P. L., Tuunanen, T., Kautio, A. L., Lehtinen, I. & Tanner, M., Nov 2013, In : *Anticancer Research*. 33, 11, p. 4941-4945 5 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Fallout from the Chernobyl accident and overall cancer incidence in Finland**  
Kurttio, P., Seppä, K., Pasanen, K., Patama, T., Auvinen, A., Pukkala, E., Heinävaara, S., Arvela, H. & Hakulinen, T., Oct 2013, In : *CANCER EPIDEMIOLOGY*. 37, 5, p. 585-592 8 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Fine mapping of 11q13.5 identifies regions associated with prostate cancer and prostate cancer death**  
Nurminen, R., Lehtonen, R., Auvinen, A., Tammela, T. L. J., Wahlfors, T. & Schleutker, J., Oct 2013, In : *EUROPEAN JOURNAL OF CANCER*. 49, 15, p. 3335-3343 9 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**BMP4 inhibits the proliferation of breast cancer cells and induces an MMP-dependent migratory phenotype in MDA-MB-231 cells in 3D environment**  
Ampuja, M., Jokimäki, R., Juuti-Uusitalo, K., Rodriguez-Martinez, A., Alarmo, E. L. & Kallioniemi, A., 22 Sep 2013, In : *BMC Cancer*. 13, 429.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Aneuploidy facilitates oncogenic transformation via specific genetic alterations, including Twist2 upregulation**  
Högnäs, G., Hämälistö, S., Rilla, K., Laine, J. O., Vilkki, V., Murumägi, A., Edgren, H., Kallioniemi, O. & Ivaska, J., Sep 2013, In : *Carcinogenesis*. 34, 9, p. 2000-2009 10 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Site-specific cancer risk in the Baltic cohort of Chernobyl cleanup workers, 1986-2007**  
Rahu, K., Hakulinen, T., Smalyte, G., Stengrevics, A., Auvinen, A., Inskip, P. D., Boice, J. D. & Rahu, M., Sep 2013, In : *EUROPEAN JOURNAL OF CANCER*. 49, 13, p. 2926-2933 8 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Guggulsterone sensitizes glioblastoma cells to Sonic hedgehog inhibitor SANT-1 induced apoptosis in a Ras/NFκB dependent manner**  
Dixit, D., Ghildiyal, R., Anto, N. P., Ghosh, S., Sharma, V. & Sen, E., 19 Aug 2013, In : *Cancer Letters*. 336, 2, p. 347-358 12 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Somatic mutation profiling and associations with prognosis and trastuzumab benefit in early breast cancer**  
Loi, S., Michiels, S., Lambrechts, D., Fumagalli, D., Claes, B., Kellokumpu-Lehtinen, P. L., Bono, P., Kataja, V., Piccart, M. J., Joensuu, H. & Sotiriou, C., 3 Jul 2013, In : *JOURNAL OF THE NATIONAL CANCER INSTITUTE*. 105, 13, p. 960-967 8 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Genetic markers associated with early cancer-specific mortality following prostatectomy**  
Liu, W., Xie, C. C., Thomas, C. Y., Kim, S. T., Lindberg, J., Egevad, L., Wang, Z., Zhang, Z., Sun, J., Sun, J., Koty, P. P., Kader, A. K., Cramer, S. D., Bova, G. S., Zheng, S. L., Grönberg, H., Isaacs, W. B. & Xu, J., 1 Jul 2013, In : *Cancer*. 119, 13, p. 2405-2412 8 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Weekly paclitaxel-An effective treatment for advanced breast cancer**  
Kellokumpu-Lehtinen, P., Tuunanen, T., Asola, R., Elomaa, L., Heikkinen, M., Kokko, R., Järvenpää, R., Lehtinen, I., Maiche, A., Kaleva-Kerola, J., Huusko, M., Möykkynen, K. & Ala-Luhtala, T., Jun 2013, In : *Anticancer Research*. 33, 6, p. 2623-2628 6 p.  
Research output: Contribution to journal > Article > Scientific > peer-review

**Prostate cancer mortality in the finnish randomized screening trial**  
Kilpeläinen, T. P., Tammela, T. L., Malila, N., Hakama, M., Santti, H., Määttänen, L., Stenman, U. H., Kujala, P. & Auvinen, A., 15 May 2013, In : *JOURNAL OF THE NATIONAL CANCER INSTITUTE*. 105, 10, p. 719-725 7 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Obesity and physical inactivity are related to impaired physical health of breast cancer survivors**

Elme, A., Utriainen, M., Kellokumpu-Lehtinen, P., Palva, T., Luoto, R., Nikander, R., Huovinen, R., Kautiainen, H., Järvenpää, S., Penttinen, H. M., Vehmanen, L., Jääskeläinen, A. S., Ruohola, J., Blomqvist, C. & Saarto, T., Apr 2013, In : *Anticancer Research*. 33, 4, p. 1595-1602 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Bcl-2 associated athanogene 5 (Bag5) is overexpressed in prostate cancer and inhibits ER-stress induced apoptosis**

Bruchmann, A., Roller, C., Walther, T. V., Schäfer, G., Lehmusvaara, S., Visakorpi, T., Klocker, H., Cato, A. C. B. & Maddalo, D., 1 Mar 2013, In : *BMC Cancer*. 13, 96.

Research output: Contribution to journal > Article > Scientific > peer-review

**Use of aspirin, but not other non-steroidal anti-inflammatory drugs is associated with decreased prostate cancer risk at the population level**

Veitonmäki, T., Tammela, T. L. J., Auvinen, A. & Murtola, T. J., Mar 2013, In : *EUROPEAN JOURNAL OF CANCER*. 49, 4, p. 938-945 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Silencing of the arp2/3 complex disturbs pancreatic cancer cell migration**

Rauhala, H. E., Teppo, S., Niemelä, S. & Kallioniemi, A., Jan 2013, In : *Anticancer Research*. 33, 1, p. 45-52 8 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**CIP2A expression and prognostic role in patients with esophageal adenocarcinoma**

Rantanen, T., Kauttu, T., Åkerla, J., Honkanen, T., Krogerus, L., Salo, J., Paavonen, T. & Oksala, N., 2013, In : *MEDICAL ONCOLOGY*. 30, 3, 684.

Research output: Contribution to journal > Article > Scientific > peer-review

**Multiple approaches and participation rate for a community based smoking cessation intervention trial in rural Kerala, India**

Jayakrishnan, R., Mathew, A., Uutela, A., Auvinen, A. & Sebastian, P., 2013, In : *ASIAN PACIFIC JOURNAL OF CANCER PREVENTION*. 14, 5, p. 2891-2896 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Smoking cessation intervention in Rural Kerala, India: Findings of a randomised controlled trial**

Jayakrishnan, R., Uutela, A., Mathew, A., Auvinen, A., Mathew, P. S. & Sebastian, P., 2013, In : *ASIAN PACIFIC JOURNAL OF CANCER PREVENTION*. 14, 11, p. 6797-6802 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Cancer incidence among Nordic airline cabin crew**

Pukkala, E., Helminen, M., Haldorsen, T., Hammar, N., Kojo, K., Linarsjö, A., Rafnsson, V., Tulinius, H., Tveten, U. & Auvinen, A., 15 Dec 2012, In : *International Journal of Cancer*. 131, 12, p. 2886-2897 12 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Number of screens for overdiagnosis as an indicator of absolute risk of overdiagnosis in prostate cancer screening**

Wu, G. H. M., Auvinen, A., Määttä, L., Tammela, T. L. J., Stenman, U. H., Hakama, M., Yen, A. M. F. & Chen, H. H., 15 Sep 2012, In : *International Journal of Cancer*. 131, 6, p. 1367-1375 9 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Sarcopenia during androgen-deprivation therapy for prostate cancer**

Smith, M. R., Saad, F., Egerdie, B., Sieber, P. R., Tammela, T. L. J., Ke, C., Leder, B. Z. & Goessl, C., 10 Sep 2012, In : *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*. 30, 26, p. 3271-3276 6 p.

Research output: Contribution to journal > Article > Scientific > peer-review

**Effectiveness of a 12-month exercise program on physical performance and quality of life of breast cancer survivors**

Saarto, T., Penttinen, H. M., Sievänen, H., Kellokumpu-Lehtinen, P. L., Hakamies-Blomqvist, L., Nikander, R., Huovinen, R., Luoto, R., Kautiainen, H., Järvenpää, S., Idman, I., Utriainen, M., Vehmanen, L., Jääskeläinen, A. S., Elme, A., Ruohola, J., Palva, T., Vertio, H., Rautalahti, M., Fogelholm, M., Blomqvist, C. & Luoma, M. L., Sep 2012, In : *Anticancer*

Research. 32, 9, p. 3875-3884 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Responder analysis of the effects of denosumab on bone mineral density in men receiving androgen deprivation therapy for prostate cancer**

Egerdie, R. B., Saad, F., Smith, M. R., Tammela, T. L. J., Heracek, J., Sieber, P., Ke, C., Leder, B., Dansey, R. & Goessl, C., Sep 2012, In : PROSTATE CANCER AND PROSTATIC DISEASES. 15, 3, p. 308-312 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Toxicity in patients receiving adjuvant docetaxel hormonal treatment after radical radiotherapy for intermediate or high-risk prostate cancer: A preplanned safety report of the SPCG-13 trial**

Kellokumpu-Lehtinen, P. L., Hjälm-Eriksson, M., Thellenberg-Karlsson, C., Åström, L., Franzen, L., Marttila, T., Seke, M., Taalikka, M. & Ginman, C., Sep 2012, In : PROSTATE CANCER AND PROSTATIC DISEASES. 15, 3, p. 303-307 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Identification of novel CHD1-associated collaborative alterations of genomic structure and functional assessment of CHD1 in prostate cancer**

Liu, W., Lindberg, J., Sui, G., Luo, J., Egevad, L., Li, T., Xie, C., Wan, M., Kim, S. T., Wang, Z., Turner, A. R., Zhang, Z., Feng, J., Yan, Y., Sun, J., Bova, G. S., Ewing, C. M., Yan, G., Gielzak, M., Cramer, S. D., Vessella, R. L., Zheng, S. L., Grönberg, H., Isaacs, W. B. & Xu, J., 30 Aug 2012, In : Oncogene. 31, 35, p. 3939-3948 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Cytokinesis failure due to derailed integrin traffic induces aneuploidy and oncogenic transformation in vitro and in vivo**  
Högnäs, G., Tuomi, S., Veltel, S., Mattila, E., Murumägi, A., Edgren, H., Kallioniemi, O. & Ivaska, J., 2 Aug 2012, In : Oncogene. 31, 31, p. 3597-3606 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**No additional benefit of adding ifosfamide to docetaxel in castration-resistant metastatic prostate cancer**

Hervonen, P., Tulijoki, T. & Kellokumpu-Lehtinen, P., Aug 2012, In : Anticancer Research. 32, 8, p. 3305-3310 6 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Novel Loci for Metabolic Networks and Multi-Tissue Expression Studies Reveal Genes for Atherosclerosis**

Inouye, M., Ripatti, S., Kettunen, J., Lyytikäinen, L. P., Oksala, N., Laurila, P. P., Kangas, A. J., Soininen, P., Savolainen, M. J., Viikari, J., Kähönen, M., Perola, M., Salomaa, V., Raitakari, O., Lehtimäki, T., Taskinen, M. R., Järvelin, M. R., Ala-Korpela, M., Palotie, A. & de Bakker, P. I. W., Aug 2012, In : PLOS GENETICS. 8, 8, e1002907.

Research output: Contribution to journal › Article › Scientific › peer-review

**Diagnostic and prognostic signatures from the small non-coding RNA transcriptome in prostate cancer**

Martens-Uzunova, E. S., Jalava, S. E., Dits, N. F., Van Leenders, G. J. L. H., Møller, S., Trapman, J., Bangma, C. H., Litman, T., Visakorpi, T. & Jenster, G., 23 Feb 2012, In : Oncogene. 31, 8, p. 978-991 14 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Changes in circulating microRNA levels associated with prostate cancer**

Bryant, R. J., Pawlowski, T., Catto, J. W. F., Marsden, G., Vessella, R. L., Rhees, B., Kuslich, C., Visakorpi, T. & Hamdy, F. C., 14 Feb 2012, In : British Journal of Cancer. 106, 4, p. 768-774 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Inhibition of Casein kinase-2 induces p53-dependent cell cycle arrest and sensitizes glioblastoma cells to tumor necrosis factor (TNF $\alpha$ )-induced apoptosis through SIRT1 inhibition**

Dixit, D., Sharma, V., Ghosh, S., Mehta, V. S. & Sen, E., Feb 2012, In : CELL DEATH AND DISEASE. 3, 2, e271.

Research output: Contribution to journal › Article › Scientific › peer-review

**Adjuvant capecitabine, docetaxel, cyclophosphamide, and epirubicin for early breast cancer: Final analysis of the randomized FinXX trial**

Joensuu, H., Kellokumpu-Lehtinen, P. L., Huovinen, R., Jukkola-Vuorinen, A., Tanner, M., Kokko, R., Ahlgren, J., Auvinen, P., Pajja, O., Helle, L., Villman, K., Nyandoto, P., Nilsson, G., Pajunen, M., Asola, R., Poikonen, P., Leinonen, M., Kataja, V., Bono, P. & Lindman, H., 1 Jan 2012, In : JOURNAL OF CLINICAL ONCOLOGY. 30, 1, p. 11-18 8 p.



Research output: Contribution to journal › Article › Scientific › peer-review

#### **False-positive screening results in the European randomized study of screening for prostate cancer**

Kilpeläinen, T. P., Tammela, T. L. J., Roobol, M., Hugosson, J., Ciatto, S., Nelen, V., Moss, S., Määttänen, L. & Auvinen, A., Dec 2011, In : EUROPEAN JOURNAL OF CANCER. 47, 18, p. 2698-2705 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Intraepidermal nerve fibre density in cancer patients receiving adjuvant chemotherapy**

Koskinen, M. J., Kautio, A. L., Haanpää, M. L., Haapasalo, H. K., Kellokumpu-Lehtinen, P. L., Saarto, T. & Hietaharju, A. J., Dec 2011, In : Anticancer Research. 31, 12, p. 4413-4416 4 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **The effects of combination therapy with dutasteride plus tamsulosin on clinical outcomes in men with symptomatic BPH: 4-year post hoc analysis of European men in the CombAT study**

Haillot, O., Fraga, A., Maclukiewicz, P., Pushkar, D., Tammela, T., Höfner, K., Chantada, V., Gagnier, P. & Morrill, B., Dec 2011, In : PROSTATE CANCER AND PROSTATIC DISEASES. 14, 4, p. 302-306 5 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Genome-wide linkage scan for prostate cancer susceptibility in Finland: Evidence for a novel locus on 2q37.3 and confirmation of signal on 17q21-q22**

Cropp, C. D., Simpson, C. L., Wahlfors, T., Ha, N., George, A., Jones, M. S., Harper, U., Ponciano-Jackson, D., Green, T. A., Tammela, T. L. J., Bailey-Wilson, J. & Schleutker, J., 15 Nov 2011, In : International Journal of Cancer. 129, 10, p. 2400-2407 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Circulating levels of VEGFR-1 and VEGFR-2 in patients with metastatic melanoma treated with chemoimmunotherapy alone or combined with bevacizumab**

Vihinen, P. P., Ramadan, S., Vuoristo, M. S., Hernberg, M., Tyynelä-Korhonen, K., Skyttä, T., Koskivuo, I., Kellokumpu-Lehtinen, P. L., Syrjänen, K. & Pyrhönen, S., Oct 2011, In : MELANOMA RESEARCH. 21, 5, p. 431-437 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **The association between antihypertensive drug use and incidence of prostate cancer in Finland: A population-based case-control study**

Kempainen, K. J., Tammela, T. L. J., Auvinen, A. & Murtola, T. J., Oct 2011, In : Cancer Causes and Control. 22, 10, p. 1445-1452 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Incidence trends of vestibular schwannomas in Denmark, Finland, Norway and Sweden in 1987-2007**

Larjavaara, S., Feychting, M., Sankila, R., Johansen, C., Klaeboe, L., Schüz, J. & Auvinen, A., 27 Sep 2011, In : British Journal of Cancer. 105, 7, p. 1069-1075 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **NMD and microRNA expression profiling of the HPCX1 locus reveal MAGEC1 as a candidate prostate cancer predisposition gene**

Mattila, H., Schindler, M., Isotalo, J., Ikonen, T., Vihinen, M., Oja, H., Tammela, T. L. J., Wahlfors, T. & Schleutker, J., 2 Aug 2011, In : BMC Cancer. 11, 327.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Identification of an aggressive prostate cancer predisposing variant at 11q13**

Nurminen, R., Wahlfors, T., Tammela, T. L. J. & Schleutker, J., 1 Aug 2011, In : International Journal of Cancer. 129, 3, p. 599-606 8 p.

Research output: Contribution to journal › Article › Scientific › peer-review

#### **Thérapie photodynamique et carcinomes urothéliaux**

Colin, P., Estevez, J. P., Betrouni, N., Nevoux, P., Puech, P., Leroy, X., Biserte, J., Villers, A. & Mordon, S., Jul 2011, In : BULLETIN DU CANCER. 98, 7, p. 769-778 10 p.

Research output: Contribution to journal › Review Article › Scientific › peer-review

**Intragenic rearrangement and altered RNA splicing of the androgen receptor in a cell-based model of prostate cancer progression**

Li, Y., Alsagabi, M., Fan, D., Bova, G. S., Tewfik, A. H. & Dehm, S. M., 15 Mar 2011, In : *Cancer Research*. 71, 6, p. 2108-2117 10 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**Proteasome inhibitors induce nucleolar aggregation of proteasome target proteins and polyadenylated RNA by altering ubiquitin availability**

Latonen, L., Moore, H. M., Bai, B., Jäämaa, S. & Laiho, M., 17 Feb 2011, In : *Oncogene*. 30, 7, p. 790-805 16 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**An international prospective cohort study of mobile phone users and health (Cosmos): Design considerations and enrolment**

Schüz, J., Elliott, P., Auvinen, A., Kromhout, H., Poulsen, A. H., Johansen, C., Olsen, J. H., Hillert, L., Feychting, M., Fremling, K., Toledano, M., Heinävaara, S., Slottje, P., Vermeulen, R. & Ahlbom, A., Feb 2011, In : *CANCER EPIDEMIOLOGY*. 35, 1, p. 37-43 7 p.

Research output: Contribution to journal › Article › Scientific › peer-review

**A DNA methylation microarray-based study identifies ERG as a gene commonly methylated in prostate cancer**

Schwartzman, J., Mongoue-Tchokote, S., Gibbs, A., Gao, L., Corless, C. L., Jin, J., Zarour, L., Higano, C., True, L. D., Vessella, R. L., Wilmot, B., Bottomly, D., McWeeney, S. K., Bova, S. G., Partin, A. W., Mori, M. & Alumkal, J. J., 2011, In : *EPIGENETICS*. 6, 10, p. 1248-1256 9 p.

Research output: Contribution to journal › Article › Scientific › peer-review