

Recent patent applications in cancer biomarkers

Patent number	Description	Assignee	Inventor	Priority application date	Publication date
WO 2012061904	A method of diagnosing cancer in a subject, comprising measuring histone 2B protein monoubiquitination in a first cell of the subject, where decreased histone 2B protein monoubiquitination in the first cell compared to that of a second non-cancerous cell is diagnostic of cancer.	Northern Sydney Local Health District (St. Leonards, NSW, Australia)	Hahn MA, Marsh DJ	11/12/2010	5/18/2012
WO 2012021887	A method for detecting breast cancer, involving contacting a suitable bodily fluid sample obtained from a subject at risk of breast cancer with breast cancer biomarker, where the contacting occurs under conditions suitable for selective binding of antibodies in the bodily fluid sample to the biomarkers; and detecting the presence of antibodies to the biomarkers in the bodily fluid sample, where the presence of antibodies to the biomarkers indicates a likelihood of breast cancer in the subject.	Dana-Farber Cancer Institute (Boston), Arizona State University (Scottsdale, AZ, USA)	Anderson KS, Labaer J, Ramachandran N, Sibani S, Wallstrom G	8/13/2010	2/16/2012, 5/10/2012
US 20120077682, WO 2012040614	Determining the risk of melanoma metastasis in a subject, comprising detecting a metastatic cancer biomarker in the subject, where the detection of the biomarker comprises identifying a mutation in a BAP1 nucleotide sequence in a cell from a tumor sample obtained from the subject, where the presence of the biomarker indicates an increased risk for metastasis in the subject.	Washington University (St. Louis, MO, USA)	Bowcock AM, Harbour JW	9/23/2010	3/29/2012
US 20120067742	A linker comprising a thiophene compound useful for joining an electrode and a capture probe on a biochip, where the capture probe is at least one protein, DNA, RNA and enzyme; and the biochip is useful for point-of-care applications including cancer biomarkers, etc.	National Taiwan University (Taipei)	Chang K, Chen C, Chen Y, Lee AS, Lee BY, Lee C	9/17/2010	3/22/2012
US 20120040861, WO 2012021795	Diagnosing pancreatic cancer in an individual, comprising detecting biomarker values corresponding to biomarkers, e.g., lipopolysaccharide binding protein, in a biological sample from the individual.	SomaLogic (Boulder, CO, USA)	Ostroff RM, Riel-Mehan M, Williams SA	8/13/2010	2/16/2012
WO 2012019300	Detecting endometrial cancer markers in a subject involving detecting in a sample an amount of a protein endometrial cancer marker and comparing the detected amount with an amount detected for a standard.	Clarke BA, Colgan T, DeSouza LV, Siu KWM, Voisin SN	Clarke BA, Colgan T, DeSouza LV, Siu KWM, Voisin SN	8/10/2010	2/16/2012
WO 2012004565	A method of assessing an individual for cancer involving providing a sample obtained from the individual and determining the presence, amount or expression of transcription factor Brf1 in at least one cell in the sample.	Leung H, White R	Leung H, White R	7/6/2010	1/12/2012
US 20120003639	A method of characterizing a sample comprising scoring Ki67 in a tissue sample from a ductal carcinoma <i>in situ</i> lesion and scoring one of, e.g., cyclooxygenase-2 and estrogen receptor from the sample.	Regents of the University of California (Oakland, CA, USA), Prelude (Laguna Hills, CA, USA)	Berman HK, Bremer T, Gauthier ML, Kerlikowske K, Molinaro AM, Tlsty TD	4/27/2010	1/5/2012
WO 2011162904	A single chain variable fragment or single domain variable fragment comprising a specific amino acid sequence, used in a biotag for targeting cancer biomarker and detecting and diagnosing cancer in a subject.	Malecki M, Malecki R	Malecki M, Malecki R	5/24/2010	12/29/2011
KR 2011129508	A composition useful for diagnosing lung cancer, e.g., lung adenocarcinoma, comprising an antibody capable of bonding with haptoglobin beta-chain.	Kyungpook National University (Daegu, South Korea)	Cho JY, Kang SM, Sung HJ	5/26/2010	12/2/2011

Source: Thomson Scientific Search Service. The status of each application is slightly different from country to country. For further details, contact Thomson Scientific, 1800 Diagonal Road, Suite 250, Alexandria, Virginia 22314, USA. Tel: 1 (800) 337-9368 (<http://www.thomson.com/scientific>).

