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EU/IPS/Michael Dalder

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Strategic Business Manager

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2. Identifying high-performing researchers for recruitment/joint research initiatives
3. Evaluating internal researchers
4. Identifying potential collaborative partnerships

Whether looking at data, books, journals, proceedings or patents Web of Science provides a single destination to access the most reliable, integrated, multidisciplinary research. Quality, curated content delivered alongside information on emerging trends, subject specific content and analysis tools make it easy for students, researchers and faculty to pinpoint the most relevant research to inform their work.



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BIOSIS CITATION INDEX

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ZOOLOGICAL RECORD

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- 1864-present

MEDLINE

- 22 million records
- 1950-present

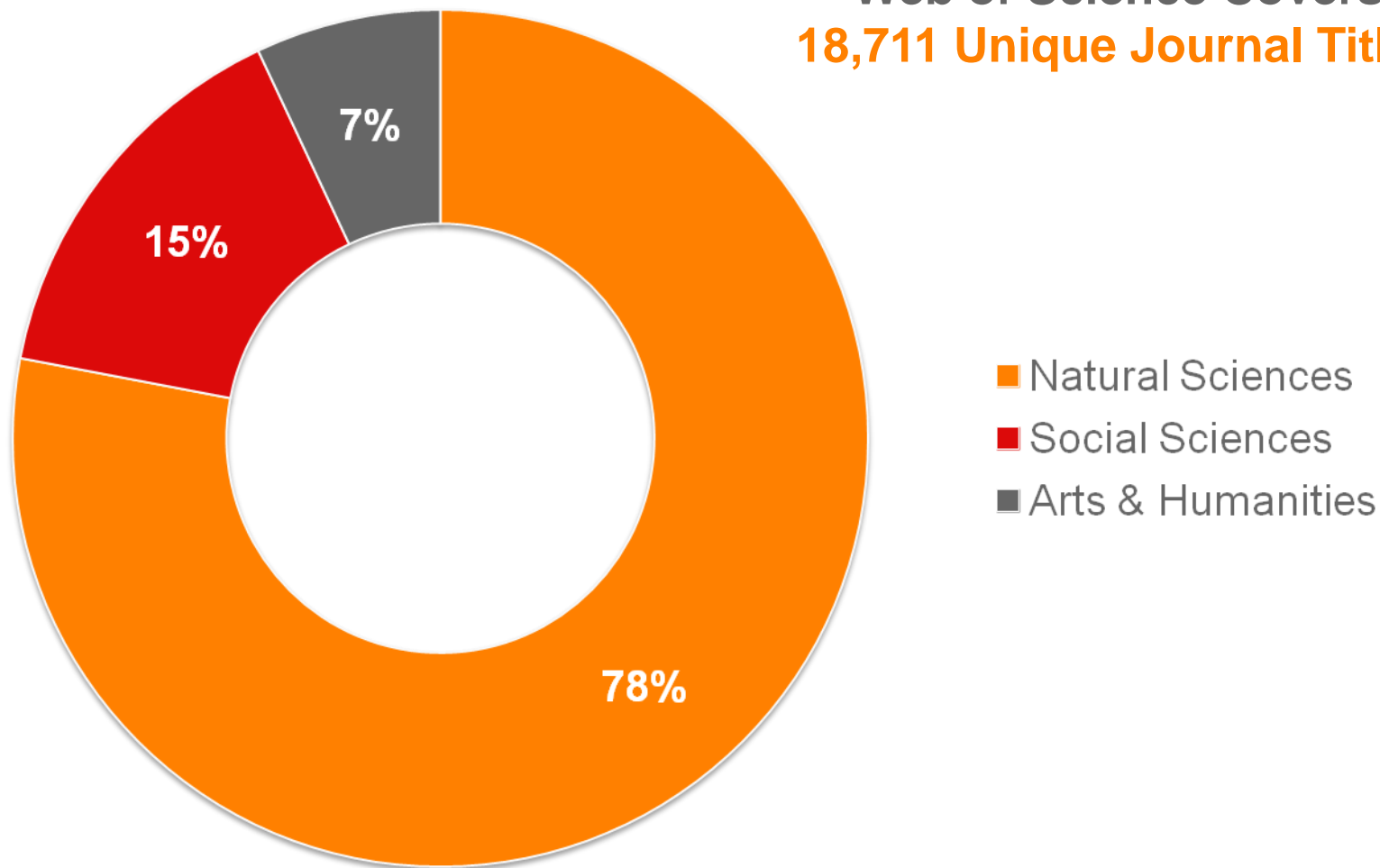
DERWENT INNOVATION INDEX

- 22.9 million basic inventions
- 1963-present



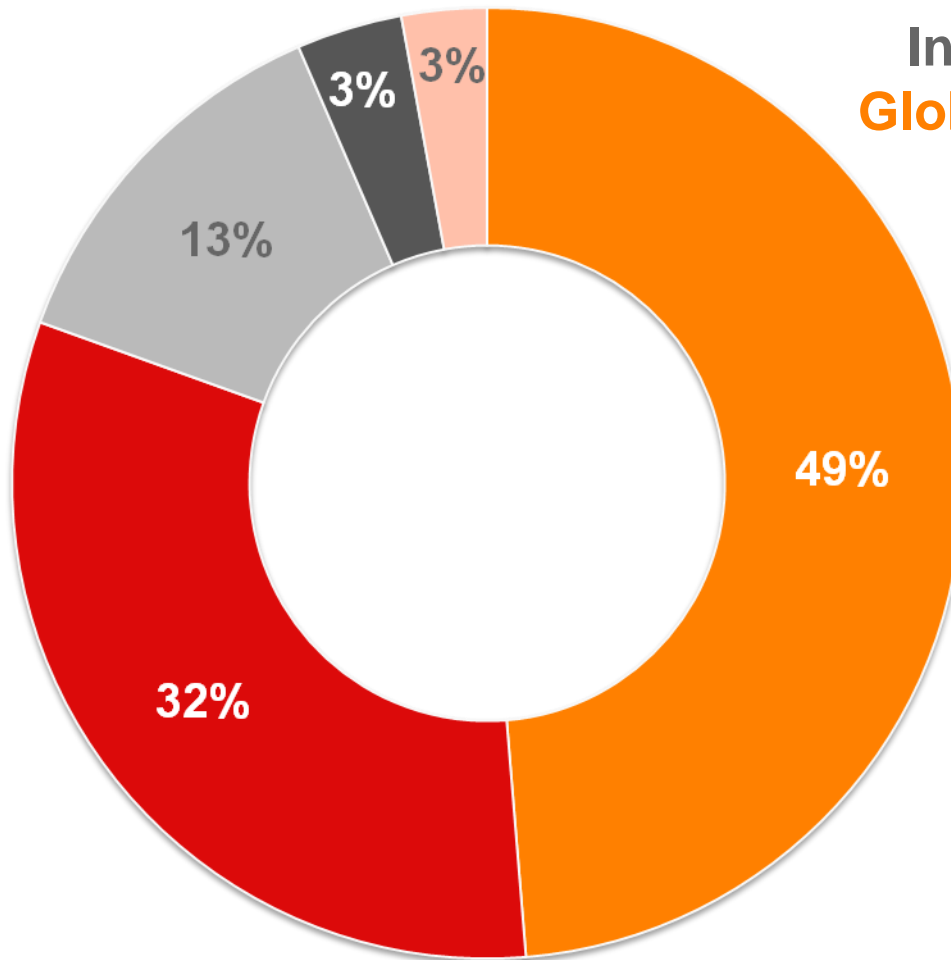
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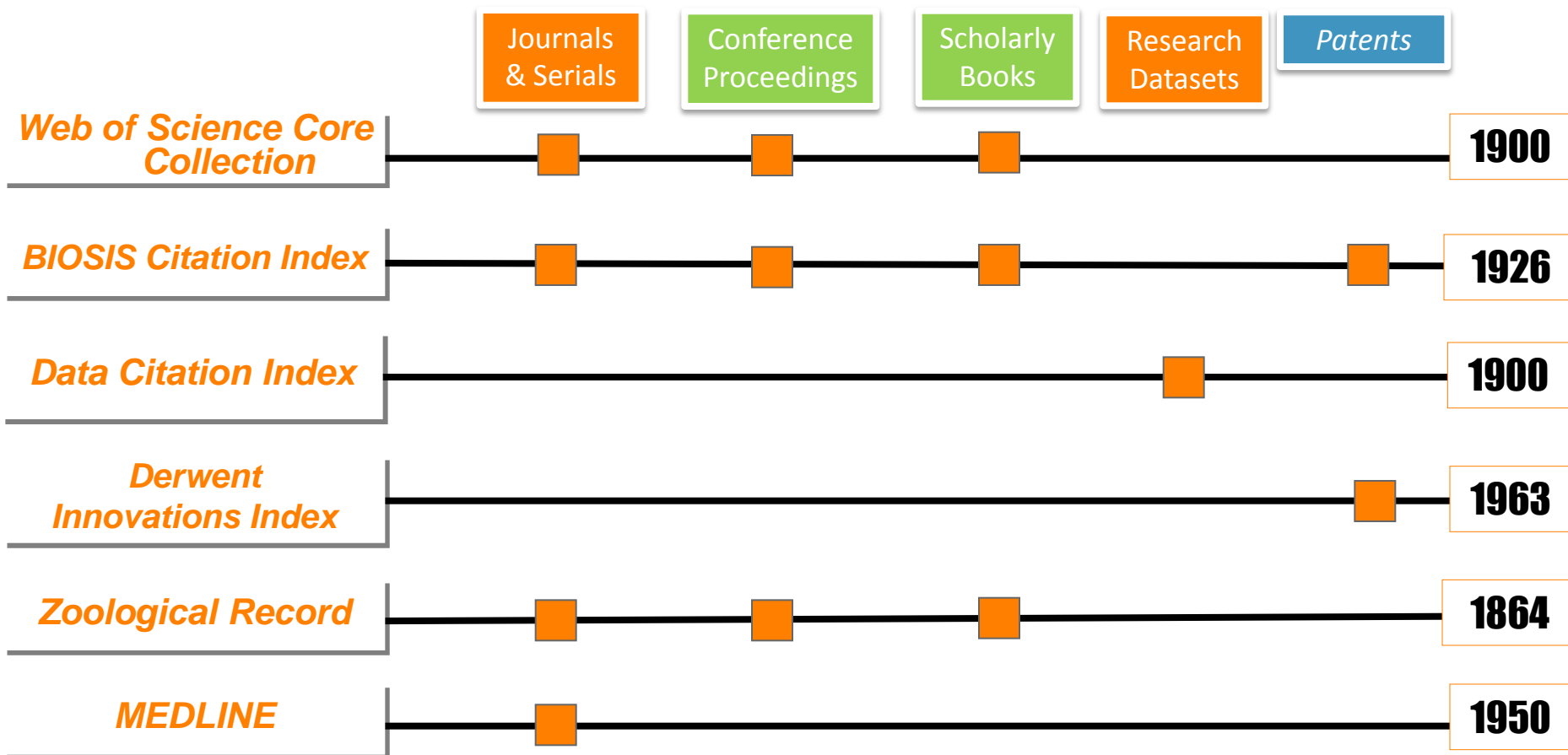
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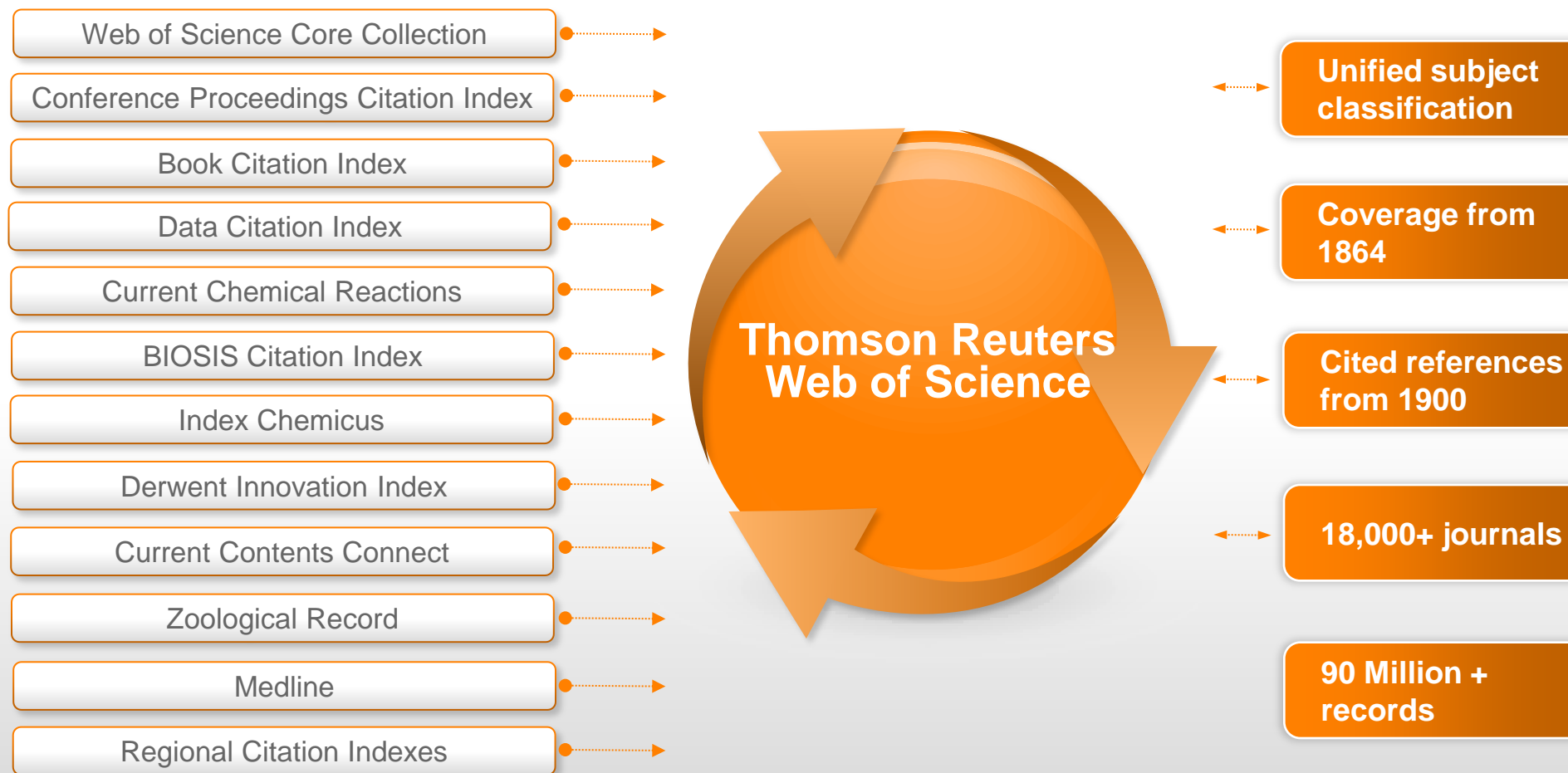


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- Asia-Pacific
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A COMPREHENSIVE EXAMPLE: ILLUSTRATING THE PLATFORM VALUE AS A WHOLE AND THAT OF ITS KEY COMPONENTS

Using the *BRAF* gene, also known as *proto-oncogene B-Raf* and *v-Raf murine sarcoma viral oncogene homolog B1*

BRAF gene mutations are studied and monitored to trace cancer

BRAF Human Gene




THE WEB OF SCIENCE

VALUE OF THE PLATFORM AS A WHOLE

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- BIOSIS Previews®
- CABI: CAB Abstracts® and Global Health®
- Chinese Science Citation Database™
- Current Contents Connect®
- Data Citation Index™
- Derwent Innovations Index™
- FSTA® - the food science resource
- Inspec®
- KCI-Korean Journal Database
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VALUE OF THE PLATFORM AS A WHOLE

searching all Web of Science databases for BRAF

Results: 34,923
(from All Databases)
(Number of results is approximate)

You searched for: TOPIC: (braf)
Timespan: All years.
Search language=Auto
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Refine Results

Search within results for...

Databases

Research Domains

Journals, Conferences, Books

Biological research

Datasets

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Databases

The first 100 Databases (by record count) are shown.

<input type="checkbox"/> Web of Science™ Core Collection	<input type="checkbox"/> Biological Abstracts®	<input type="checkbox"/> Inspec®
<input type="checkbox"/> BIOSIS Citation Index™	<input type="checkbox"/> Data Citation Index™	<input type="checkbox"/> SciELO Citation Index
<input type="checkbox"/> BIOSIS Previews®	<input type="checkbox"/> CABI	<input type="checkbox"/> STA® - the food science resource
<input type="checkbox"/> MEDLINE®	<input type="checkbox"/> Derwent Innovations Index	<input type="checkbox"/> Zoological Record®
<input type="checkbox"/> Current Contents Connect®	<input type="checkbox"/> Chinese Science Citation Database™	

Refine **Exclude** **Cancel**

The records that were returned were harvested from the Web of Science, Data Citation Index, Biosis, Biological Abstracts,, Medline, Derwent Innovation Index, Current Contents Connect

VALUE OF THE PLATFORM AS A WHOLE

searching all Web of Science databases for BRAF

Access various types
of research content

Document Types Refine Exclude Cancel

The first 100 Document Types (by record count) are shown.

<input type="checkbox"/> ARTICLE	<input type="checkbox"/> DATA SET	<input type="checkbox"/> BOOK	<input type="checkbox"/> CORRECTION
<input type="checkbox"/> MEETING	<input type="checkbox"/> LETTER	<input type="checkbox"/> DATA STUDY	<input type="checkbox"/> UNSPECIFIED
<input type="checkbox"/> OTHER	<input type="checkbox"/> EDITORIAL	<input type="checkbox"/> CLINICAL TRIAL	<input type="checkbox"/> REFERENCE MATERIAL
<input type="checkbox"/> REVIEW	<input type="checkbox"/> CASE REPORT	<input type="checkbox"/> NEWS	<input type="checkbox"/> BIOGRAPHY
<input type="checkbox"/> ABSTRACT	<input type="checkbox"/> PATENT		

A variety of document types were returned. The search did not only retrieve journal articles, but also data sets, books, patents, news and data studies. The Web of Science truly provides the complete picture.

VALUE OF THE PLATFORM AS A WHOLE TRULY MULTIDISCIPLINARY CONTENT

Refine Results

Drill down to one research area to explore further.

Databases

Research Domains

- ☐ SCIENCE TECHNOLOGY
- ☐ SOCIAL SCIENCES
- ☐ ARTS HUMANITIES

Refine

Research Areas

Document Types

- ☐ ARTICLE
- ☐ MEETING
- ☐ OTHER
- ☐ REVIEW
- ☐ ABSTRACT

more options / values...

Refine

Research Areas

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The first 100 Research Areas (by record count) are shown.

- | | | |
|--|---|---|
| <input type="checkbox"/> ONCOLOGY | <input type="checkbox"/> MATHEMATICAL COMPUTATIONAL BIOLOGY | <input type="checkbox"/> ETHNIC STUDIES |
| <input type="checkbox"/> GENETICS HEREDITY | <input type="checkbox"/> OPHTHALMOLOGY | <input type="checkbox"/> HISTORY |
| <input type="checkbox"/> BIOCHEMISTRY MOLECULAR BIOLOGY | <input type="checkbox"/> RHEUMATOLOGY | <input type="checkbox"/> NUCLEAR SCIENCE TECHNOLOGY |
| <input type="checkbox"/> PHARMACOLOGY PHARMACY | | |
| <input type="checkbox"/> GASTROENTEROLOGY HEPATOLOGY | | |
| <input type="checkbox"/> DERMATOLOGY | | |
| <input type="checkbox"/> ENDOCRINOLOGY METABOLISM | | |
| <input type="checkbox"/> SCIENCE TECHNOLOGY OTHER TOPICS | | |
| <input type="checkbox"/> CELL BIOLOGY | | |
| <input type="checkbox"/> RESEARCH EXPERIMENTAL MEDICINE | | |
| <input type="checkbox"/> PATHOLOGY | | |
| <input type="checkbox"/> IMMUNOLOGY | | |
| <input type="checkbox"/> MEDICAL LABORATORY TECHNOLOGY | | |
| <input type="checkbox"/> GERIATRICS GERONTOLOGY | | |
| <input type="checkbox"/> NEUROSCIENCES NEUROLOGY | | |
| <input type="checkbox"/> SURGERY | | |
| <input type="checkbox"/> HEMATOLOGY | | |
| <input type="checkbox"/> MICROBIOLOGY | | |
| <input type="checkbox"/> INFECTIOUS DISEASES | | <input type="checkbox"/> LEGAL MEDICINE |
| <input type="checkbox"/> ANATOMY MORPHOLOGY | | <input type="checkbox"/> SOCIAL ISSUES |
| <input type="checkbox"/> PSYCHIATRY | | <input type="checkbox"/> INTEGRATIVE COMPLEMENTARY MEDICINE |
| <input type="checkbox"/> ZOOLOGY | | <input type="checkbox"/> MYCOLOGY |
| <input type="checkbox"/> TRANSPLANTATION | | <input type="checkbox"/> PARASITOLOGY |

A full array of disciplines was captured by this search. This topic crosses many areas of scientific research and scholarship. **Web of Science** accurately returns a picture that reflects the multi-faceted context of scientific problems.

Note how some disciplines may not be intuitively associated with BRAF (ie nursing, government law), but they are connected with the overall research around this topic.

IDENTIFYING THE MOST HIGH-IMPACT MATERIAL

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(from All Databases)
(Number of results is approximate)

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Timespan: All years.
Search language=Auto
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Refine Results

Databases

Research Domains



Research Areas

Refine

Sort by: Publication Date -- newest to oldest▼


◀ Page 1 of 3,493 ▶

☐ Select Page


 

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Add to Marked List

1. **MicroRNA-31 expression in relation to BRAF mutation, CpG island methylation and colorectal continuum in serrated lesions.**
By: Ito, Miki; Mitsuhashi, Kei; Igarashi, Hisayoshi; et al.
International journal of cancer. Journal international du cancer Volume: 135 Issue: 11 Pages: 2507-15 Published: 2014-Dec-1 (Epub 2014 Apr 30)
 Full Text from Publisher View Abstract

Times Cited: 0
(from All Databases)

2. **Changes in mutational status during third-line treatment for metastatic colorectal cancer-Results of consecutive measurement of cell free DNA, KRAS and BRAF in the plasma.**
By: Spindler, Karen-Lise Garm; Pallisgaard, Niels; Andersen, Rikke Fredslund; et al.
International journal of cancer. Journal international du cancer Volume: 135 Issue: 9 Pages: 2215-22 Published: 2014-Nov-1 (Epub 2014 Apr 17)
 Full Text from Publisher View Abstract

Times Cited: 0
(from All Databases)

3. **Methylation epigenotypes and genetic features in colorectal laterally spreading tumors**
By: Sakai, Eiji; Ohata, Ken; Chiba, Hideyuki; et al.
INTERNATIONAL JOURNAL OF CANCER Volume: 135 Issue: 7 Pages: 1586-1595 Published: OCT 1 2014
 Full Text from Publisher View Abstract

Times Cited: 1
(from All Databases)

4. **Ocular Toxicity in BRAF Mutant Cutaneous Melanoma Patients Treated With Vemurafenib.**
By: Choe, Christina H; McArthur, Grant A; Caro, Ivor; et al.
American journal of ophthalmology Volume: 158 Issue: 4 Pages: 831-837.e2 Published: 2014-Oct (Epub 2014 Jul 15)

Times Cited: 0
(from All Databases)

13

KEY INFORMATION INCL. SPECIALIZED INDEXING, CONTROLLED VOCABULARY, JOURNAL PERFORMANCE METRICS ALL ACCESSIBLE FROM THE RECORD

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Full Text | Save to EndNote online | Add to Marked List | Back to List | 41 of approximately 26,732

EGFR mutations in lung cancer: Correlation with clinical response to gefitinib therapy

By: Paez, JG (Paez, JG); Janne, PA (Janne, PA); Lee, JC (Lee, JC); Tracy, S (Tracy, S); Greulich, H (Greulich, H); Gabriel, S (Gabriel, S); Herman, P (Herman, P); Kaye, FJ (Kaye, FJ); Lindeman, N (Lindeman, N); Boggon, TJ (Boggon, TJ)... More

SCIENCE
Volume: 304 Issue: 5676 Pages: 1497-1500
DOI: 10.1126/science.1099314
Published: JUN 4 2004
[View Journal Information](#)

Abstract
Receptor tyrosine kinase genes were sequenced in non - small cell lung cancer (NSCLC) and matched normal tissue. Somatic mutations of the epidermal growth factor receptor gene EGFR were found in 15 of 58 unselected tumors from Japan and 1 of 61 from the United States. Treatment with the EGFR kinase inhibitor gefitinib (ressa) causes tumor regression in some patients with NSCLC, more frequently in Japan. EGFR mutations were found in additional lung cancer samples from U. S. patients who responded to gefitinib therapy and in a lung adenocarcinoma cell line that was hypersensitive to growth inhibition by gefitinib, but not in gefitinib-insensitive tumors or cell lines. These results suggest that EGFR mutations may predict sensitivity to gefitinib.

Keywords
KeyWords Plus: GROWTH-FACTOR RECEPTOR; TYROSINE KINASE; **EGFR** GENE; INHIBITOR; SENSITIVITY; TRIAL; AMPLIFICATION; COMBINATION; PACITAXEL; EFFICACY

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+ [5] Harvard Univ, Sch Med, Dept Biol Chem, Boston, MA 02115 USA
+ [6] Harvard Univ, Sch Med, Dept Mol Pharmacol, Boston, MA 02115 USA
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+ [8] Natl Naval Med Res Inst, Genet Branch, NCI, Bethesda, MD 20889 USA
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AMER ASSOC ADVANCEMENT SCIENCE, 1200 NEW YORK AVE, NW, WASHINGTON, DC 20005 USA

Categories / Classification
Research Areas: Science & Technology - Other Topics
Web of Science Categories: Multidisciplinary Sciences; MULTIDISCIPLINARY SCIENCES

Document Information
Document Type: Article
Language: English
Accession Number: WOS 000221795800043
ISSN: 0036-8075

Journal Information
Table of Contents: [Current Contents Connect®](#)
Impact Factor: [Journal Citation Reports®](#)

Other Information
IDS Number: 825YR
Cited References in Web of Science Core Collection: 26
Times Cited in Web of Science Core Collection: 3,816

Citation Network
3,816 Times Cited
26 Cited References
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(data from Web of Science™ Core Collection)

Highly Cited

All Times Cited Counts
4,051 in All Databases
3,816 in Web of Science Core Collection
2,283 in BIOSIS Citation Index
178 in Chinese Science Citation Database
1 in Data Citation Index
4 in ScieLO Citation Index

Most Recent Citation
Vazquez-Martin, Alejandro. IGF-1R/epithelial-to-mesenchymal transition (EMT) crosstalk suppresses the erlotinib-sensitizing effect of EGFR exon 19 deletion mutations. SCIENTIFIC REPORTS, SEP 2 2013.
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EGFR mutations in lung cancer: Correlation with clinical response to gefitinib therapy

By: Paez, J. Guillermo; Janne, Pasi A.; Lee, Jeffrey C.; Tracy, Sean; Greulich, Heidi; Gabriel, Stacey; Herman, Paula; Kaye, Frederic J.; Lindeman, Neal; Boggon, Titus J... More

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Receptor tyrosine kinase genes were sequenced in non - small cell lung cancer (NSCLC) and matched normal tissue. Somatic mutations of the epidermal growth factor receptor gene EGFR were found in 15 of 58 unselected tumors from Japan and 1 of 61 from the United States. Treatment with the EGFR kinase inhibitor gefitinib (ressa) causes tumor regression in some patients with NSCLC, more frequently in Japan. EGFR mutations were found in additional lung cancer samples from U. S. patients who responded to gefitinib therapy and in a lung adenocarcinoma cell line that was hypersensitive to growth inhibition by gefitinib, but not in gefitinib-insensitive tumors or cell lines. These results suggest that EGFR mutations may predict sensitivity to gefitinib.

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+ **Author Identifiers:**

Categories / Classification
Research Areas: Genetics & Heredity; Oncology
MAJOR CONCEPTS: Medical Genetics (Allied Medical Sciences); Oncology (Human Medicine, Medical Sciences)
Concept Code: 03508, Genetics - Human; 10064, Biochemistry studies - Proteins, peptides and amino acids; 10802, Enzymes - General and comparative studies: coenzymes; 12512, Pathology - Therapy; 16005, Respiratory system - Pathology; 17002, Endocrine - General; 24004, Neoplasms - Pathology, clinical aspects and systemic effects; 24008, Neoplasms - Therapeutic agents and therapy
Taxonomic Data:

SUPER TAXA	TAXA NOTES	Organism Classifier	Organism Name	Details
Primates, Mammalia, Vertebrata, Chordata, Animalia	Animals, Chordates, Primates, Vertebrates	Hominidae [86215]	human	patient

Diseases Data:

Term	MeSH Term	DISEASE AFFILIATION	DETAIL
lung adenocarcinoma	Adenocarcinoma (MeSH), Lung Neoplasms (MeSH)	neoplastic disease; respiratory system disease	drug therapy
non-small cell lung cancer	Carcinoma, Non-Small-Cell Lung (MeSH), Lung Neoplasms (MeSH)	neoplastic disease; respiratory system disease	drug therapy

Chemical Data:

Chemical Name	Variant	DRUG MODIFIER	Details
epidermal growth factor receptor			
gefitinib	ressa	antineoplastic-drug, enzyme inhibitor-drug	
tyrosine kinase			EC 2.7.1.112

Gene Name Data:

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- High quality/value metadata
- The most trusted citation information source (used by all major research institutions, governments and international rankings)



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- Cited references for all BIOSIS unique items (beginning with 2006 production year data)
- 22.8 millions of records
- Cited references for BIOSIS items that overlap with items in the Web of Science (for all years, 1926 - forward)
- Unique BIOSIS times-cited count
- *Only* on the Web of Science platform

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Major Concepts

Use the Find feature to locate terms to add to your query.

Enter text to find terms containing or related to the text.

Example: soil* to find Agronomy and Soil Science

Find

Browse Major Concepts Hierarchy

KEY: Add = add to query S = view scope notes

- Add Aging S
- Add Agrichemicals S
- + Add Agriculture S
- + Add Allied Medical Sciences S
- Add Animal Care S
- + Add Anthropology S
- Add Aquaculture S
- Add Bacteriology S
- Add Behavior S
- + Add Biochemistry and Molecular Biophysics S
- Add Biodiversity S
- Add Biomaterials S

Transfer your selected term(s) below to the Major Concepts field on the Search page.

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MEDLINE

- A bibliographic database of life sciences and biomedical information.
- The database contains more than 23.7 million records from 5,582 selected publications covering biomedicine and health from 1950 to the present. Over 500,000 records are added annually.
- MEDLINE uses Medical Subject Headings (MeSH) for information retrieval. Using the MeSH database to define the subject of interest is one of the most useful ways to improve the quality of a search.
- Integrated access to other Web of Science data and tools: you can simultaneously search all other resources your institution subscribes to.

MEDLINE®

MeSH Thesaurus

Use the Find and Browse features to locate terms to add to your query.

Enter text to find terms containing or related to the text.
Example: sleep to find Sleep Paralysis and Night Terrors*

Browse MeSH Hierarchy

KEY: = add to query = view details including qualifiers [View qualifier hierarchy](#)

- ☐ Anatomy
- ☐ Organisms
- ☐ Diseases
- ☐ Chemicals and Drugs
- ☐ Analytical, Diagnostic and Therapeutic Techniques and Equipment
- ☐ Psychiatry and Psychology
- ☐ Biological Sciences
- ☐ Physical Sciences
- ☐ Anthropology, Education, Sociology and Social Phenomena
- ☐ Technology and Food and Beverages
- ☐ Humanities
- ☐ Information Science
- ☐ Persons

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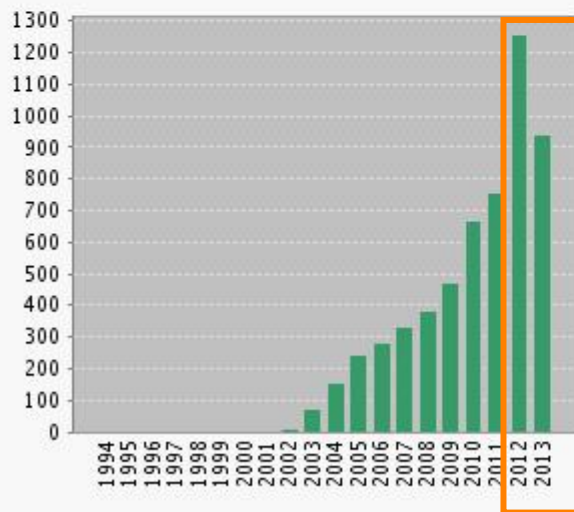
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Citation Report: 5582

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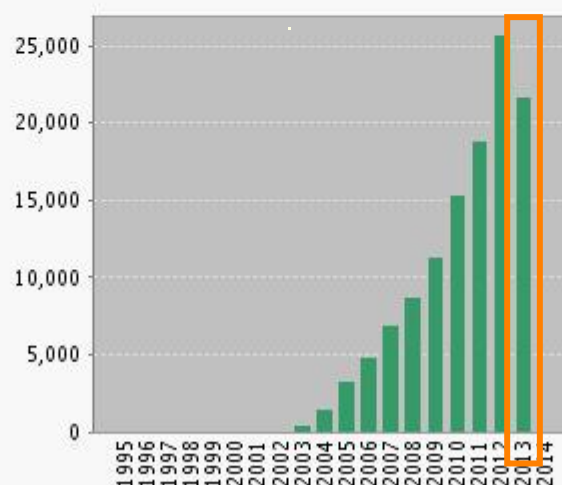
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Citations in Each Year



Results found: 5582

Sum of the Times Cited [?] : 119015

Sum of Times Cited without self-citations [?] : 68827

Citing Articles: [?] : 41405

Citing Articles without self-citations [?] : 36843

Average Citations per Item [?] : 21.32

h-index [?] : 141

Instant Citation Reports to easily evaluate research and identify trends. We can observe that 2012 was the year with the most published records about BRAF and also the year mostly referenced in literature.



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GAIN INSIGHT, ANALYZE TRENDS

Who is funding this area?

Field: Funding Agencies	Record Count
NIH	257
NATIONAL INSTITUTES OF HEALTH	194
NATIONAL CANCER INSTITUTE	137
CANCER RESEARCH UK	70
NATIONAL NATURAL SCIENCE FOUNDATION OF CHINA	64
AMERICAN CANCER SOCIETY	60
NCI	54
DEUTSCHE FORSCHUNGSGEMEINSCHAFT	41
WELLCOME TRUST	39
SWEDISH CANCER SOCIETY	31
EUROPEAN UNION	30
NOVARTIS	28
SWEDISH RESEARCH COUNCIL	28
BENNETT FAMILY FUND	27

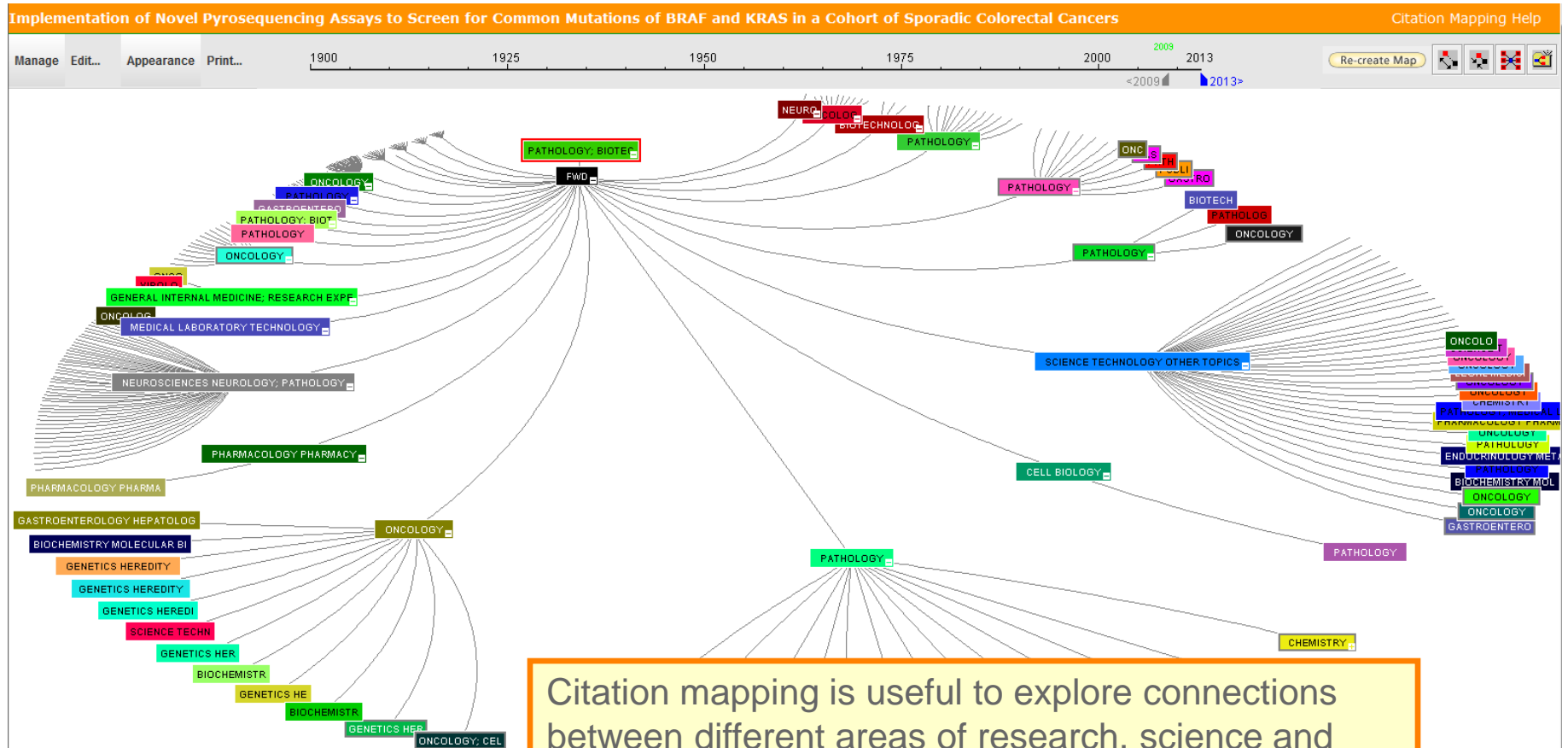
What institutions are researching this topic?

Field: Organizations	Record Count
HARVARD UNIV	310
MASSACHUSETTS GEN HOSP	149
MEM SLOAN KETTERING CANC CTR	144
UNIV TEXAS MD ANDERSON CANC CTR	133
DANA FARBER CANC INST	130
UNIV CALIF SAN FRANCISCO	126
BRIGHAM WOMENS HOSP	121
QUEENSLAND INST MED RES	113
UNIV PENN	109
NCI	107
JOHNS HOPKINS UNIV	98
MAYO CLIN	87
YALE UNIV	82
UNIV WURZBURG	71

Who are the experts on this topic?

Field: Authors	Record Count
OGINO S	84
FUCHS CS	71
NOSHO K	48
MARAIS R	47
HERLYN M	46
FLAHERTY KT	45
SHIMA K	38
MCCUBREY JA	37
SMALLEY KSM	36
SOARES P	36
SOBRINHO-SIMÕES M	35
MEYERHARDT JA	33
BABA Y	32
KIRKNER GJ	30
FAGIN JA	29
LAIRD PW	29

WHICH FIELDS HAS THIS PAPER INFLUENCED?



Citation mapping is useful to explore connections between different areas of research, science and cross-technology developments. This paper is heavily referenced by subsequent works in pathology, oncology and immunology, but also in the areas of respiratory studies and science technology.


VALUE OF KEY COMPONENTS DERWENT INNOVATION INDEX


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☐ 1. WO2013102442-A1 Citing Patents: 0

Title: Constructing standard genotype database for drug reaction related gene, by comparing specific sequence corresponding to genotype mutation information of drug related gene with standard sequence, and acquiring standard sequence


Assignee: BGI SHENZHEN CO LTD, BGI SHENZHEN
Inventor(s): LIU X, ZHANG W, XU H, et al.
Derwent Primary Accession Number: 2013-L74157

☐ 2. WO2013096151-A1 Citing Patents: 0

 **Title:** New substituted quinoline derivatives are lactate dehydrogenase A inhibitors, useful for treating or lessening the severity of cancer e.g. glioblastomas, Bannayan-Zonana syndrome, Cowden disease, Lhermitte-Duclos disease and colon cancer

Assignee: GLAXOSMITHKLINE LLC
Inventor(s): BROWN K K, CHAI D, DODSON C S, et al.
Derwent Primary Accession Number: 2013-L43892

☐ 3. WO2013096153-A1 Citing Patents: 0

 **Title:** New substituted quinoline derivative useful for treating or lessening the severity of cancer e.g. lung cancer, vulval cancer, cervical cancer, renal cancer, salivary gland cancer, buccal cancer, glioblastoma, hepatocellular cancer in

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Constructing standard genotype database for drug reaction related gene, by comparing specific sequence corresponding to genotype mutation information of drug related gene with standard sequence, and acquiring standard sequence

Patent Number(s): WO2013102442-A1

Inventor(s): LIU X, ZHANG W, XU H, SU Z, WANG G

Patent Assignee Name(s) and Code(s): BGI SHENZHEN CO LTD (BGIS-Non-standard)
BGI SHENZHEN (BGIS-Non-standard)

Derwent Primary Accession Number: 2013-L74157 [48]

Our indexers add a plain-language title, and descriptive abstract.

Abstract: **NOVELTY** - Method (M1) for constructing standard genotype database for drug reaction related gene, involves comparing specific sequence corresponding to genotype mutation information of drug reaction related gene with standard sequence of human entire genome to obtain corresponding relationship between specific sequence of the drug reaction related gene and standard sequence of human entire genome at each base position, transferring genotype of drug reaction related gene into genotype, and acquiring standard sequence of human entire genome as standard.

USE - The method (M1) is useful for constructing standard genotype database for drug reaction related gene (claimed).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) gene standard type database for drug reaction related gene constructed by the method;
- (2) method (M2) for genotyping for drug reaction related gene, involves obtaining exon sequence of the drug reaction related gene of the to-be-tested sample, sequencing high-throughput sequencing platform and carrying out data analysis, and comparing analysis result with the gene standard type database for the drug reaction related gene; and
- (3) method (M3) for detecting drug reaction effect, involves obtaining exon sequence of the drug reaction related gene of the to-be-tested sample, sequencing high-throughput sequencing platform and carrying out data analysis, comparing analysis result with the gene standard type database for the drug reaction related gene to obtain genotype of the to-be-tested sample, and obtaining drug reaction effect result of the to-be-tested sample according to the drug reaction effect information corresponding to the genotype of the to-be-tested sample.

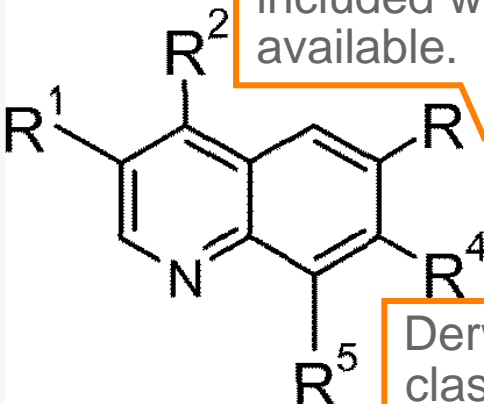
Technology Focus/Extension Abstract: TECHNOLOGY FOCUS - BIOTECHNOLOGY - Preferred Gene: The drug reaction related gene is at least one 48 human drug reaction related genes chosen from ATP-binding cassette, sub-family B (MDR/TAP), member 1 (ABCB1), ATP-binding cassette, sub-family G (WHITE), member 2 (ABCG2), adrenoceptor beta 1 (ADRB1), adenomatous polyposis coli (APC), arginase (ARG)1, argininosuccinate lyase (ASL), argininosuccinate synthetase 1 (ASS1), butyrylcholinesterase (BCHE), v-raf murine sarcoma viral oncogene homolog B1 (**BRAF**), cyclin-dependent kinase inhibitor 2A (CDKN2A), carbamoyl-phosphate synthase 1 (CPS1), cytochrome P450, family 19, subfamily A,



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International Patent Classification: [A01N-055/02](#)

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Derwent Manual Code(s): [B02-Z](#); [B04-A07A1](#); [B05-A03B3](#); [B06-A03A](#); [B06-D02](#); [B10-C02](#);

Patent Details:

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
WO2013096151-A1	27 Jun 2013	A01N-055/02	201346	Pages: 215	English

Derwent Class Code(s): [B02](#) (Fused ring heterocyclics)

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Patent Details:

Patent Number	Publ. Date	Main IPC	Week	Page Count	Language
WO2013096151-A1	27 Jun 2013	A01N-055/02	201346	Pages: 215	English

Application Details:

WO2013096151-A1	WOUS069997	17 Dec 2012
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Priority Application Information and Date:

US579012P	22 Dec 2011
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es:
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2939442-0-0-0	(M N)	2939443-0-0-0	(M N)	2939444-0-0-0	(M N)
2939445-0-0-0	(M N)	2939446-0-0-0	(M N)	2939447-0-0-0	(M N)
2939448-0-0-0	(M N)	2939449-0-0-0	(M N)	2939450-0-0-0	(M N)
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2939454-0-0-0	(M N)	2939455-0-0-0	(M N)	2939456-0-0-0	(M N)
2939457-0-0-0	(M N)	2939458-0-0-0	(M N)	2939459-0-0-0	(M N)
2939460-0-0-0	(M N)	2939461-0-0-0	(M N)	2939462-0-0-0	(M N)
2939463-0-0-0	(M N)	2939464-0-0-0	(M N)	2939465-0-0-0	(M N)

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GSE2631: Distinct Sets of Genetic Alterations in Melanoma.

From Repository: Gene Expression Omnibus.

By: Bastian, Boris; Curtin, J A; Fridlyand, J J; Kageshita, T T; Patel, H H; Busam, K K; Kutzner, H H; Cho, K H; Aiba, S S; Brocker, E B...More

Gene Expression Omnibus
Published: 2011-12-03

Abstract

We compared genome-wide DNA copy number alterations and mutational status in **BRAF** and RAS genes of 126 primary melanomas arising in four groups in which UV exposure differ: skin with (n=30), and without chronic sun damage (n=40); palms, soles and subungual (acral) sites (n=36) (which have very little sun exposure); and mucosa (n=20) (no sun exposure).

Author Information

Addresses:
1. UCSF Cancer Center, Laboratory Medicine, San Francisco, 94143-0808, USA
E-mail Addresses: bastian@cc.ucsf.edu

Categories / Classification

Research Areas: Biochemistry & Molecular Biology; Genetics & Heredity
Web of Science Category: Biochemistry & Molecular Biology; Genetics & Heredity
Taxonomic Data:

SUPER TAXA	TAXA NOTES	Organism Classifier	Organism Name
Animalia, Chordata, Vertebrata, Mammalia, Primates	Animals, Chordates, Humans, Mammals, Primates, Vertebrates	Hominidae	Homo sapiens

Document Information

Document Type: Data study
Data Type: Genome variation profiling by genome tiling array
Language: English
Accession Number: DRCI:DATA2012016000040774

Other Information

Miscellaneous: Melanoma; DNA; Mutation; ras Gene; Skin; Molecular Genetics
Cited References in Data Citation Index: 0

Associated Data: 126 (from Data Citation Index)

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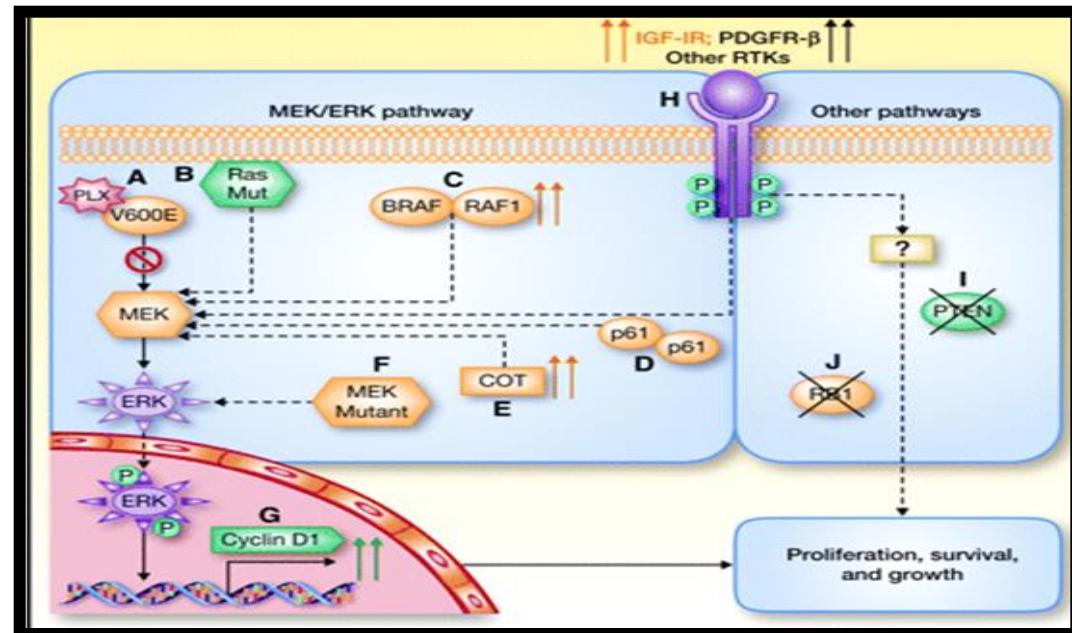
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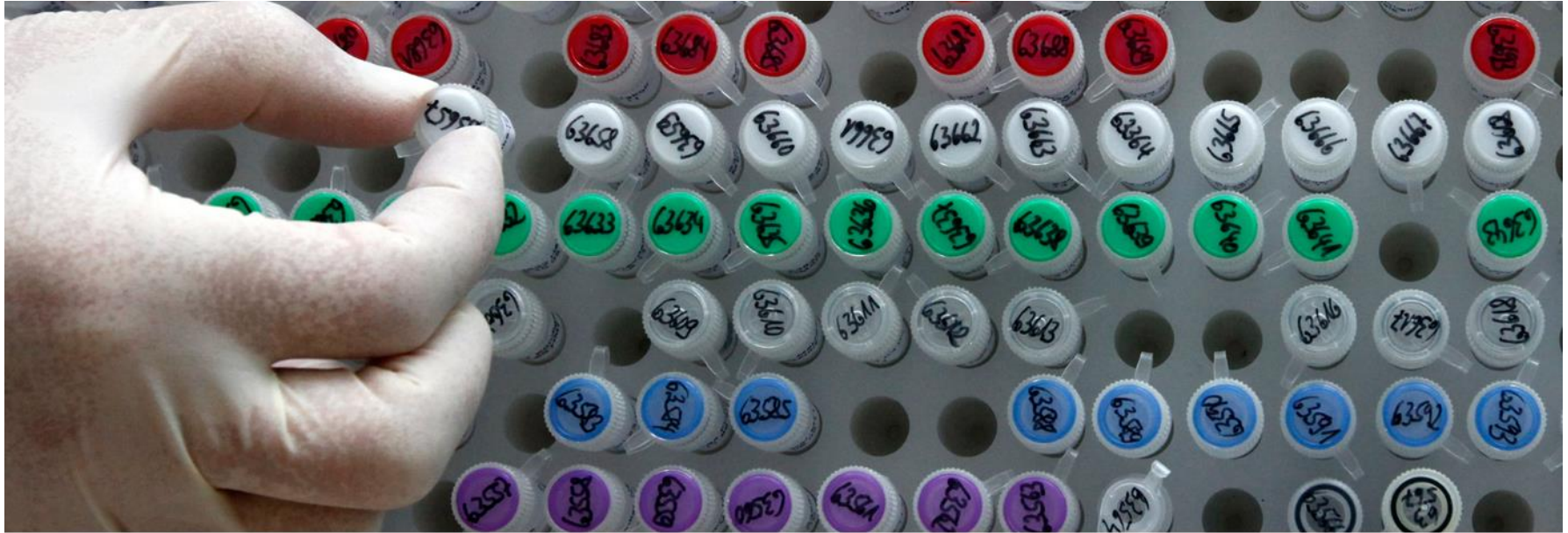
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