

The world's most comprehensive collection of dissertations and theses, the official digital dissertations archive for the Library of Congress, and the database of record for graduate research.

ProQuest Dissertations & Theses Professional is an invaluable resource for cutting-edge research – often before it appears in scholarly journals - and for prior art investigations.

The database currently holds more than 5 million dissertations and theses from around the world. Over 2.5 million have searchable full text and can be downloaded in PDF format. Over 400,000 dissertations abstracts from universities in China and over 900,000 from universities in the UK and Ireland are available; of the UK/Ireland items, about 350,000 are available in full text. For most dissertations from US-based institutions added since 1997 the full text is available. Dissertations in languages other than English (particularly in non-Roman script) are typically only available as citations or abstracts.

Some notable dissertations include: *Properties of Expanding Universes*, Stephen Hawking, 1966, University of Cambridge; *Systems of Logic Based on Ordinals*, Alan Turing, 1938, Princeton University; *Towards the Design of an RNA Replicase*, Jennifer Anne Doudna, 1989, Harvard University.

Subject coverage is multidisciplinary and includes (but is not limited to)

Arts
Behavioral sciences
Business & economics
Education
Engineering

Humanities
Life sciences
Mathematics & physical sciences
Natural sciences
Social sciences

Use ProQuest Dissertations & Theses to answer such questions as

- Is there any recent research on epigenetic sensitization of chemotherapeutic compounds in non-small cell lung cancer?
- What is the role of proteotoxicity in drug-induced acute kidney injury?
- Which universities are doing research into 3D printing in biomedical devices?
- Are there any case studies on the development of antibiotics such as linezolid, daptomycin, and lysobactin?

Date Coverage 1743 - present

Update Frequency Daily

Geographic Coverage International (approx. 57% USA)

Document Types Doctoral dissertations, master's theses

Publisher

ProQuest Dissertations & Theses Professional is produced by ProQuest.




ProQuest
789 E. Eisenhower Parkway
P.O. Box 1346
Ann Arbor, MI 48106-1346
USA

Contact: **Dialog Global Customer Support**
Email: Customer@dialog.com
Within North America **1 800 334 2564**
Outside North America **00 800 33 34 2564**

ProQuest Dissertations and Theses Professional

Citation/Abstract [« Back to results](#)

Add to selected items

 Order full text  Save to My Research  Em

Epigenetic Sensitisation of Chemotherapeutic Compounds in Non- Small Cell Lung Cancer

Alnefaie, Ghaliah Obaid F. The University of Liverpool (United Kingdom), ProQuest Dissertations Publishing, 2020. 28209067.

Highlighting: Off | Single | Multi

Abstract (summary) [Translate](#)

Lung cancer is currently the highest cancer-related cause of death worldwide, accounting for 1.7 million deaths in 2018. Non-small cell carcinoma (NSCLC) is the most frequent type, accounting for approximately 80% of all lung cancer cases. Chemotherapy is still the first-line therapy offered to NSCLC patients in most countries. While new therapies (targeted compounds, immunotherapy) are evolving, chemotherapy is considered to be used for at least two more decades. Resistance to chemotherapy is among the major factors contributing to lung cancer mortality and has been well established to date through multiple preclinical studies and clinical trials. Currently, there are very few biomarkers, mostly clinical, for predicting chemotherapy efficiency. In addition, sensitization of cancer cells to those compounds is largely ineffective clinically. This study explores new avenues of lung cancer cell sensitization to four common chemotherapeutics (cisplatin, carboplatin, gemcitabine, and vinorelbine), with a particular focus in

Indexing (details) Cite

SU	Subject	Oncology; Molecular biology
CC	Classification	0992: Oncology 0307: Molecular biology
IF,DISKW	Identifier / keyword	Lung cancer, NSCLC, Chemotherapy
	URL	http://livrepository.liverpool.ac.uk/3093513/
TI	Title	Epigenetic Sensitisation of Chemotherapeutic Compounds in Non- Small Cell Lung Cancer
AU	Author	Alnefaie, Ghaliah Obaid F
PCT	Number of pages	298
YR,PY	Publication year	2020
PD	Degree date	2020
SCH	School code	0722

	Source	DAI-C 82/4(E), Dissertation Abstracts International
PBLOC	Place of publication	Ann Arbor
	Country of publication	United States
ISBN	ISBN	9798684626982
ADV	Advisor	Liloglou, Triantafillos, Parsons, Jason, Field, John
SCH	University/institution	The University of Liverpool (United Kingdom)
	University location	England
	Degree	Ph.D.
PT,STYPE	Source type	Dissertations & Theses
LA	Language	English
DTYPE	Document type	Dissertation/Thesis
DISPUB	Dissertation/thesis number	28209067
AN	ProQuest document ID	2470903008
	Document URL	https://dialog.proquest.com/professional/docview/2470903008?accountid=174335
CY	Copyright	Database copyright ProQuest LLC; ProQuest does not claim copyright in the individual underlying works.
FAV	First available	2020-12-18
UD	Updates	2020-12-18 2021-01-05 2021-01-05
	Database	ProQuest Dissertations and Theses Professional



UNIVERSITY OF
LIVERPOOL

Department of Molecular & Clinical Cancer Medicine

**Epigenetic Sensitisation of Chemotherapeutic Compounds in
Non- Small Cell Lung Cancer**

Thesis submitted in accordance with the requirements of the University of Liverpool for the
degree of Doctor in Philosophy by

Ghaliyah Obaid F Alnefaie

January 2020

Supervisors: Dr. Triantafillos Liloglou, Dr. Jason Parsons & Prof. John K Field

1.1.3 Molecular Biology of Lung Cancer

In the last 20 years, an enormous amount of information has been produced with regard to

gene alterations in

expression); in ce

prognosis, and tre

reducing cell dea

mutations such as

multiple oncogen

ROS1 causing unco

as a deletion and

CDKN2A, *FH1T*, *R*

2011; Massion and

also increased th

mutations in NSCL

Gene alteration is

chromosomal regi

and KRAS have be

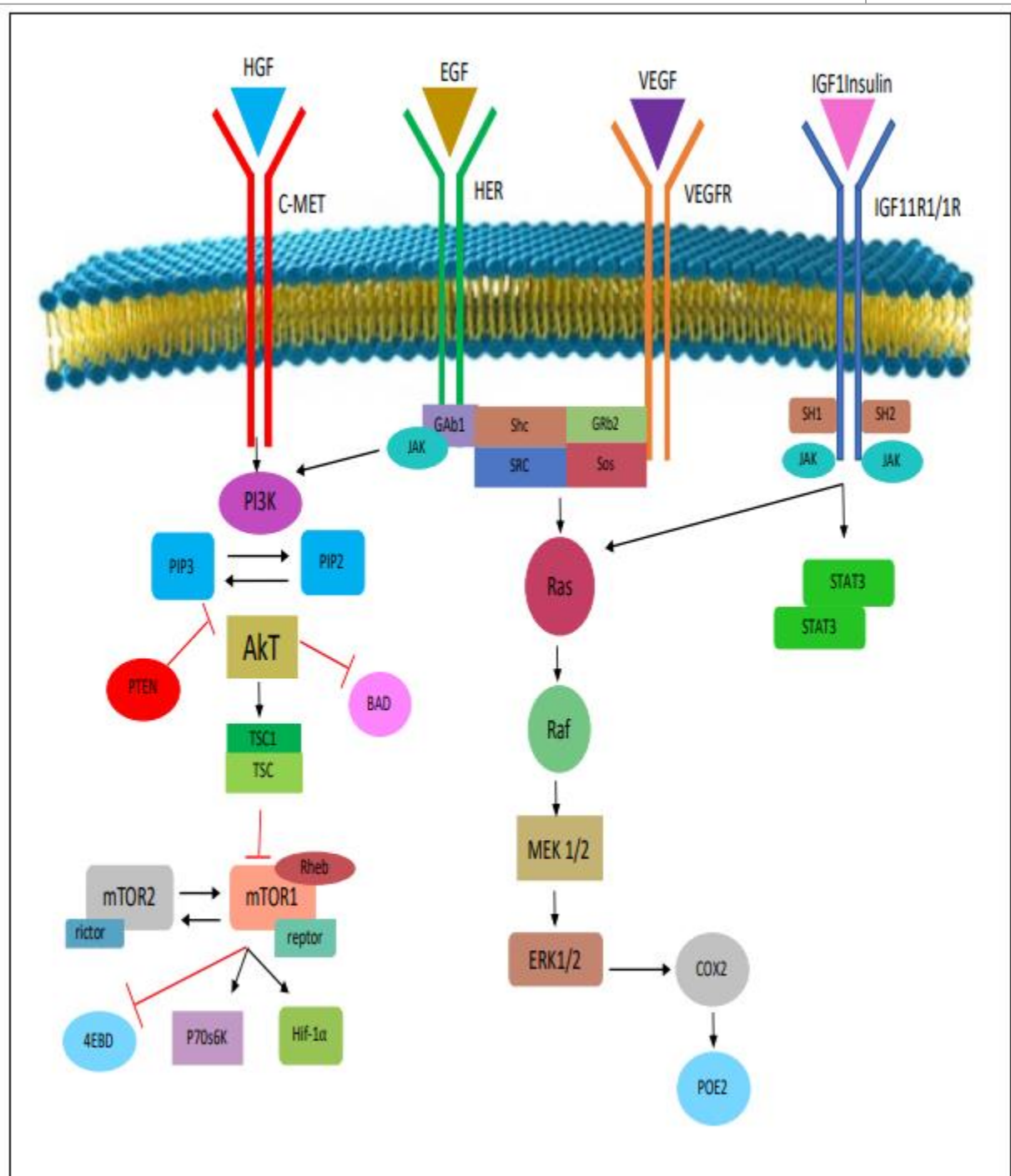


Figure 1.3: Oncology pathways: EGFR, c-MET, VEGF and ROS1 are signalling downstream

Search Fields

Field Name	Field Code	Example	Notes
Abstract ¹	AB	ab((targeted NEAR/1 compounds) OR immunotherapy) ab(NSCLC OR "non-small cell lung cancer")	Use adjacency and/or Boolean operators to narrow or broaden your search and double quotes to search for a precise phrase.
Abstract present ¹	ABANY	(abany(yes) NOT ab("abstract not available"))	ProQuest Dissertations & Theses Professional contains a small number of records where an abstract is present, but where all that is included in the field is the phrase "Abstract not available". By adding the exact search indicated here to your own search you can ensure that records retrieved will have an abstract that is populated with valid data.
Accession number	AN	an(2470903008)	A unique document identification number assigned by the information provider. Displays as ProQuest document ID.
Advisor ²	ADV	adv(liloglou)	Not all records provide names of thesis advisors.
All fields	ALL	all("extracellular vesicles")	Searches all fields except the full text. Use adjacency and/or Boolean operators to narrow or broaden your search and double quotes to search for a precise phrase.
All fields + text	--	"extracellular vesicles"	Searches all fields including the full text
Author ²	AU	au("alnefaie, ghaliyah")	The author of the thesis/dissertation
Author First Name	AUFN	aufn(ghaliyah)	
Author Last Name	AULN	auln(alnefaie)	
Cited author	CAU, REF	cau(hales, c)	Most theses and dissertations include the cited references in the full text, but only a very small number of them, dated between 2007 and 2018, have searchable cited references.

Field Name	Field Code	Example	Notes
Cited document title	CTI, REF	cti("physicians who use social media")	Most theses and dissertations include the cited references in the full text, but only a very small number of them, dated between 2007 and 2018, have searchable cited references.
Cited publication date	CYR, REF	cyr(2012)	Most theses and dissertations include the cited references in the full text, but only a very small number of them, dated between 2007 and 2018, have searchable cited references.
Cited publication title	CPUB, REF	cpub(jamia)	Most theses and dissertations include the cited references in the full text, but only a very small number of them, dated between 2007 and 2018, have searchable cited references.
Classification	CC	cc(0992) cc(oncology) cc(0307) cc(molecular biology)	These are ProQuest's own broad subject categories
Committee member	CMT	cmt(oliver, diane)	
Degree	DG	dg("Ph.D.")	The type of degree conferred
Department	DEP	dep(medicine)	The department within the university awarding the degree
Dissertation/ thesis number	DISPUB	dispub(MS22157)	
Document text	TX, FT	tx("role optimization")	Searches the original full text of the dissertation/thesis. Note that not all records have searchable full-text. Use adjacency and/or Boolean operators to narrow search results.

Field Name	Field Code	Example	Notes
Document title	TI	ti(The use of Information and Communication Technologies for Knowledge Translation in a Mentoring Network of Physicians)	Includes Alternate title and Subtitle. Also an option in the Advanced Search dropdown menu.
Title only	TIO	tio(Communication Technologies for Knowledge Translation)	Searches only the Title, not subtitle or alternate title.
Alternate title	OTI	oti("magnetic properties")	Includes Alternate title, Subtitle, and Original language of document title, if available. Field code TI also searches the Alternate title.
Document type	DTYPE	dtype(dissertation) dtype(thesis)	Only two document types: Dissertation, and Thesis
First available	FAV	fav(20140226) fav(>20100630)	Unlike the general PQD rule, in Dissertations & Theses this date can only be used as a 'guideline' as to when the record was loaded into the database. Date range searching is supported.
From database ³	FDB	"workforce optimization" AND fdb(pqdtprof) "workforce optimization" AND fdb(10000220)	Useful in multi-file searches to isolate records from a single file. FDB cannot be searched on its own; specify at least one search term then AND it with FDB.
Full text present	FTANY	diskw(applied sciences) AND ftany(yes)	Add: <i>AND FTANY(YES)</i> to a query to limit your search to articles with full text.
Index term (keyword) ²	DISKW, IF, SU	diskw("health and environmental sciences")	
ISBN	ISBN	isbn(9780499221575) isbn(0599096071)	

Field Name	Field Code	Example	Notes
Language	LA	la(english)	The language in which the document was originally published.
Number of pages	PCT	pct(190)	
Pagination	PG	pg(65)	Not provided on all records.
Publication date	PD	pd(2013)	Only a publication year is shown
Publication type	PT, STYPE	pt("dissertations & theses")	All records have the same Publication/Source type. Displayed in Source type.
Publication year	YR, PY	yr(2013) yr(>2011) yr(2013-2014)	Date range searching is supported.
References	REF	ref("energy advisory board") ref("besterman-dahan, karen")	Searches references cited in the original document.
School code	SCH	sch(0779)	
Source type	PT, STYPE	pt("dissertations & theses")	All records have the same Publication/Source type.
Subject heading (all) ²	SU	su("information technology") su("health care management")	Includes terms in the Identifier (keyword) field.
Supplemental file type	SPTYPE	sptype(spreadsheet)	Indicates the presence of any additional files available with the dissertation – eg. video, audio, spreadsheet.
University/ institution ²	SCH	sch("university of toronto)	

Field Name	Field Code	Example	Notes
University/ institution location ²	ULO	ulo(china) ulo("north carolina")	The country, or province/state and country of the academic institution. For comprehensive retrieval use BOTH ULO and SCH for searching by location – eg. ULO,SCH("UNITED KINGDOM")
Updates	UD	ud(>20140226) ud(20130101-20130630)	The date(s) the record was loaded as a result of an update provided by the supplier. Date range searching is supported.
Volume/issue (DVI)	DISVOL	disvol(52)	Also searchable via the Look Up Citation tool.

¹ Abstracts are not available in all records. Typically, dissertations in languages other than English (particularly in non-Roman script) are only available in abstracted form. Where available, abstracts can be viewed in the 'Preview'; and where no PDF full-text is available, the abstract will display instead when the full record is selected.

² A Lookup/Browse feature is available for this field in the Advanced Search dropdown or in Browse Fields.

³ Click the "Field codes" hyperlink at the top right of the Advanced Search page. Click "Search syntax and field codes", then click on "FDB command" to get a list of database names and codes that can be searched with FDB.

Search Tools

In addition to [Search Fields](#), other tools available for searching are [Limit Options](#), [Browse Fields](#), ["Narrow Results By" Limiters](#) and [Look Up Citation](#). Each is listed separately below. Some data can be searched using more than one tool.

Limit Options

Limit options are quick and easy ways of searching certain common concepts. Check boxes are available for:

Full text

Short lists of choices are available for:

Manuscript type and Language

Date limiters are available in which you can select single dates or ranges for date of **publication**

Browse Fields

You can browse the contents of certain fields by using Look Up lists. These are particularly useful to validate spellings or the presence of specific data. Terms found in the course of browsing may be selected and automatically added to the Advanced Search form. Look Up lists are available in the fields drop-down and in the search options for:

Advisor, Author, Index terms (keywords), Subjects, University/institution, University/institution location

“Narrow Results By” Limiters

When results of a search are presented, the results display is accompanied by a list of “Narrow results by” options shown on the right-hand panel. Click on any of these options and you will see a ranked list showing the most frequently occurring terms in your results. Click on the term to apply it to (“narrow”) your search results. Narrow results by limiters in this database include:

Full text, Index term (keyword), Language, Subject, University/institution, University/institution location, Publication date

Look Up Citation

If you need to trace a particular bibliographic reference, use the Look Up Citation feature. Find a link to this toward the top left of the Advanced Search page, or in the drop list under Advanced on any search form; click this and you will go to a page where you can enter any known details of the citation, including: Document title, Author, Publication title, ISSN, ISBN, Volume, Issue, Page, Publication date, DOI.

Document Formats – Subscribers

Document Format	Fields	Online	Export / Download
Brief view	Title, Author, Publication date	✓	
Detailed view	Title, Author, Publication date, 3-line KWIC window	✓	✓
KWIC (Keyword in Context)	Title, Author, Publication date, all occurrences of search terms highlighted in the field(s) where they occur	✓	✓
Preview	Title, Author, Publication date, abbreviated Abstract, Subject	✓	
Brief citation	Complete record minus the Abstract and Full text	✓	✓
Citation	Complete record minus the Abstract and Full text	✓ ¹	
Citation/abstract	Complete record including Abstract	✓ ¹	✓
Full text (PDF)	PDF of the Full Text – does not include Indexing (details) fields	✓ ¹	✓
Custom	Choose the fields you want		✓ ²

¹ In Online-view mode, Dialog gives access to two document formats only: Brief citation, and the 'most complete' format available. Depending on the database and/or the amount of data available for a record, the most complete format may be any one of Citation, Citation/abstract, Full text, or Full text – PDF.

² Custom export/download format is available in the following mediums only: HTML, PDF, RefWorks, RTF, Text only, and XLS

Document Formats – Transactional users

Document Format	Fields	Online	Export / Download
Brief view	Title and Publication date.	✓	
Detailed view	Title and Publication date, plus a 3-line KWIC window	✓	✓ ¹
KWIC (Keyword in Context)	Title and Publication date, plus all occurrences of your search terms highlighted in the field(s) where they occur	✓ ¹	✓ ¹
Preview	Title, Publication date, first 25 words abstract, Subject	✓	
Brief citation	Complete record minus the Abstract and Full text	✓ ^{1,2}	✓ ¹
Citation	Complete record minus the Abstract and Full text	✓ ^{1,2}	✓ ¹
Citation/abstract	Complete record including Abstract Citation and Abstract	✓ ^{1,2}	✓ ¹
Full text (PDF)	PDF of the Full Text – does not include Indexing (details) fields	✓ ^{1,2}	✓ ¹
Custom	Choose the fields you want		✓ ^{1,3}

¹ Chargeable formats.

² In Online-view mode, Dialog gives access to two document formats only: Brief citation, and the 'most complete' format available. Depending on the database and/or the amount of data available for a record, the most complete format may be any one of Citation, Citation/abstract, Full text, or Full text – PDF.

³ Custom export/download format is available in the following mediums only: HTML, PDF, RefWorks, RTF, Text only, and XLS

Terms & Conditions

Dialog Standard Terms & Conditions apply

Contact: **Global Customer Support**

Email: Customer@dialog.com

Within North America **1 800 3 DIALOG (1 800 334 2564)**

Outside North America **00 800 33 DIALOG (00 800 33 34 2564)**