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### Pro-apoptotic effects of lipid oxidation products: HNE at the crossroads of NF-kappa B pathway and anti-apoptotic Bcl-2

TI

Timucin, Ahmet Can; Basaga, Huveyda. **FREE RADICAL BIOLOGY AND MEDICINE 111** : 209-218. ELSEVIER SCIENCE INC. (Oct 2017)

AU

**Abstract (summary)** [Translate](#)

PUB

The axis between lipid oxidation products and cell death is explicitly linked. 4-Hydroxynonenal (HNE), as well as other lipid oxidation products was also established to induce apoptosis in various experimental settings. Yet, the decision leading to apoptotic execution not only includes upregulation of pro-apoptotic signals but also involves a downregulation of anti-apoptotic signals. Within the frames of this paradigm, HNE acts significantly different from other lipid oxidation products in the regulation of two widely known anti-apoptotic elements, Nuclear Factor-kappa B (NF-kappa B) transcription factors and its target anti-apoptotic B-Cell Lymphoma-2 (Bcl-2) protein. Even so, a review inclusively linking these anti-apoptotic factors and their crosstalk upon HNE exposure is still at demand. In order to elucidate presence of such crosstalk, reports on the link between HNE and NF-kappa B pathway, on the link between HNE and anti-apoptotic Bcl-2 and on the crossroad of these links during HNE exposure were summarized and discussed. IKK, the upstream kinase of NF-kappa B, has been shown to regulate HNE mediated phosphorylation and inactivation of Bcl-2 by our group. Based on this observation and other studies reporting on HNE-NF-kappa B pathway interaction, IKK was proposed to mediate the crosstalk of NF-kappa B pathway and anti-apoptotic Bcl-2 protein, when HNE is present. These reports further suggested that HNE based inhibition of NF-kappa B pathway is highly likely. Besides, evidence on the HNE-anti-apoptotic Bcl-2 axis supported the deduction of HNE mediated NF-kappa B pathway inhibition and IKK mediated Bcl-2 inactivation. In conclusion, through combining all evidences, three possible scenarios intervening the HNE mediated crosstalk between NF-kappa B pathway and anti-apoptotic Bcl-2 protein, was extrapolated.

AB

**Indexing (details)**  Cite

#### References

1. Kruman, I. Evidence that 4-hydroxynonenal mediates oxidative stress-induced neuronal apoptosis. *JOURNAL OF NEUROSCIENCE* (1997) 17: 5089;
2. Sakahira, H. Cleavage of CAD inhibitor in CAD activation and DNA degradation during apoptosis. *NATURE* (1998) 391: 96;
3. Desagher, S. Bid-induced conformational change of Bax is responsible for mitochondrial cytochrome c release during apoptosis. *JOURNAL OF CELL BIOLOGY* (1999) 144: 891;
4. Nechushtan, A. Conformation of the Bax C-terminus regulates subcellular location and cell death. *EMBO JOURNAL* (1999) 18: 2330;
5. Karin, M. NF-kappa B at the crossroads of life and death. *NATURE IMMUNOLOGY* (2002) 3: 221. DOI <http://dx.doi.org/10.1038/ni0302-221>;
6. Barkett, M. Control of apoptosis by Rel/NF-kappa B transcription factors. *ONCOGENE* (1999) 18: 6910;

...

123. Fonda-Pascual, P. In situ production of ROS in the skin by photodynamic therapy as a powerful tool in clinical dermatology. *METHODS* (2016) 109: 190. DOI <http://dx.doi.org/10.1016/j.ymeth.2016.07.008>;
124. Han, D K. Annexin I is an endogenous ligand that mediates apoptotic cell engulfment, *Dev. Cell* (2003) 4: 587

RF, CAU,  
CTI, CPUB,  
CYR, CVO,  
CPG

SU	<b>Subject</b>	Biochemistry & Molecular Biology; Endocrinology & Metabolism; CYTOCHROME-C RELEASE; ATTENUATES 4-HYDROXYNONENAL-INDUCED APOPTOSIS; HUMAN OSTEOARTHRITIC CHONDROCYTES; CHRONIC CEREBRAL HYPOPERFUSION; GLUTATHIONE-S-TRANSFERASE; PROGRAMMED CELL-DEATH; PC12 CELLS; MEDIATED APOPTOSIS; HYDROGEN-PEROXIDE; LIVER-INJURY
IF TI	<b>Identifier (keyword) Title</b>	4-Hydroxynonenal, Nuclear factor-kappa B, B-cell lymphoma-2, Apoptosis Pro-apoptotic effects of lipid oxidation products: HNE at the crossroads of NF-kappa B pathway and anti-apoptotic Bcl-2
AU	<b>Author</b>	Timucin, Ahmet Can <sup>1</sup> ; Basaga, Huveyda <sup>1</sup>
		<sup>1</sup> Sabanci Univ, Mol Biol Genet & Bioengn Program, Fac Engn & Nat Sci, Istanbul, Turkey, Turkey cantimucin@sabanciuniv.edu; huveyda@sabanciuniv.edu
AU	<b>Correspondence author</b>	Basaga, Huveyda Sabanci Univ, Mol Biol Genet & Bioengn Program, Fac Engn & Nat Sci, Istanbul, Turkey.
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6	HO-1/EBP interaction alleviate	INTERNATIONAL JOURNAL OF MOLE	2017	5. Shibata, T. Global Downstream Pathway Analysis	Shibata, T	CANCER RESEARCH	2010	Global Downstream Pathway Analysis	70
7	HO-1/EBP interaction alleviate	INTERNATIONAL JOURNAL OF MOLE	2017	6. Li, C. Sustained expression of heme oxygenase	Li, C	FREE RADICAL BIOLOGY AND MEDICINE	2012	Sustained expression of heme oxygenase	53
8	HO-1/EBP interaction alleviate	INTERNATIONAL JOURNAL OF MOLE	2017	7. Schumacher, A. Blockage of Hem	Schumacher, A	PLOS ONE	2012	Blockage of Hem	7
9	HO-1/EBP interaction alleviate	INTERNATIONAL JOURNAL OF MOLE	2017	8. Yang, YC. Docosahexaenoic acid inhibition	Yang, YC	JOURNAL OF NUTRITION	2013	Docosahexaenoic acid inhibition	24
10	HO-1/EBP interaction alleviate	INTERNATIONAL JOURNAL OF MOLE	2017	9. Menckhoff, L. Plasma membrane-associated	Menckhoff, L	JOURNAL OF PROTEOME SCIENCE	2013	Plasma membrane-associated	80

The columns for individual elements of the cited references allow some analysis of the citations. A small number of results will have a very much larger number of cited references (for example, a set of ~1,000 results may produce 30,000 cited references). The latter can be sorted in Excel by cited author or by cited article title, and duplicates brought together, in order to identify which are the most cited authors or papers in a particular area.

## Cited Reference Searching in SciSearch

Most articles in SciSearch include the authors' bibliography. Each item in the bibliography is a reference consisting of most or all of the following elements: first author, article title, publication title, publication year, volume, first page or article number and DOI. In about 80% of references, the article title and publication title are spelled out in full; in the remaining 20% they may be represented by abbreviations. The references are numbered and sometimes listed in alphabetical order of author, e.g.:

### Daratumumab granted breakthrough drug status

Laubach, Jacob P ; Tai, Yu Tzu ; Richardson, Paul G ; Anderson, Kenneth C . **EXPERT OPINION ON INVESTIGATIONAL DRUGS** 23.4 (Apr 2014): 445-452.

#### References

1. Aarhus, R. ADP-ribosyl cyclase and CD38 catalyze the synthesis of a calcium-mobilizing metabolite from NADP(+). *JOURNAL OF BIOLOGICAL CHEMISTRY* (1995) 270: 30327;
2. AUSIELLO, C M. CD38 LIGATION INDUCES DISCRETE CYTOKINE MESSENGER-RNA EXPRESSION IN HUMAN CULTURED LYMPHOCYTES. *EUROPEAN JOURNAL OF IMMUNOLOGY* (1995) 25: 1477;
3. Bolognesi, A. CD38 as a target of IB4 mAb carrying saporin-S6: Design of an immunotoxin for ex vivo depletion of hematological CD38(+) neoplasia. *JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS* (2005) 19: 145;
4. Buggins, A G S. Interaction with Vascular Endothelium Enhances Survival in Primary Chronic Lymphocytic Leukemia Cells via NF-kB Activation and De novo Gene Transcription. *CANCER RESEARCH* (2010) 70: 7523. DOI <http://dx.doi.org/10.1158/0008-5472.CAN-10-1634>;
5. Chiarugi, A. The NAD metabolome - a key determinant of cancer cell biology. *NATURE REVIEWS CANCER* (2012) 12: 741. DOI <http://dx.doi.org/10.1038/nrc3340>;
6. Deaglio, S. In-tandem insight from basic science combined with clinical research: CD38 as both marker and key component of the pathogenetic network underlying chronic lymphocytic leukemia. *BLOOD* (2006) 108: 1135. DOI <http://dx.doi.org/10.1182/blood-2006-01-013003>;
7. Deaglio, S. Human CD38: a (r)evolutionary story of enzymes and receptors. *LEUKEMIA RESEARCH* (2001) 25: 1;
8. Deaglio, S. Human CD38 ligand - A 120-KDA protein predominantly expressed on endothelial cells. *JOURNAL OF IMMUNOLOGY* (1996) 156: 727;

Some references may contain corporate rather than personal authors, e.g.:

#### References

1. ASTM. Standard test methods for laboratory testing of non-commercial mosquito repellent formulation on the skin. *ASTM-E951-94* (2000);
2. WHO. World Malaria Report 2012. *WORLD MALARIA REPORT 2012* (2012) 1;
3. WHO. Instruction for determining the susceptibility or resistance of mosquito larvae to insecticides (1981);
4. Adams, R P. Identification of essential oil components by gas chromatography/mass spectroscopy (2001);
5. Aktar, Md Wasim. Impact of pesticides use in agriculture: their benefits and hazards. *Interdisciplinary toxicology* (2009) 2: 1. DOI <http://dx.doi.org/10.2478/v10102-009-0001-7>;
6. Ansari, M A. Larvicidal and mosquito repellent action of peppermint (*Mentha piperita*) oil. *BIORESOURCETECHNOLOGY* (2000) 71: 267;

There are some cited patents in SciSearch. These consist of some or all of the following elements: assignee, title, publication year, country code, patent number and kind code, for example the first in this list of references:

## References

1. Kramaric, A. Thermoreversible gel as a liquid pharmaceutical carrier for a galenic formulation. European Patent (1992) 0551626(A1) (Patent);
2. Babar, A. Ketoprofen suppository dosage forms: In vitro release and in vivo absorption studies in rabbits. DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY (1999) 25: 241;
3. Baloglu, E. Rheological and mechanical properties of poloxamer mixtures as a mucoadhesive gel base. PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY (2011) 16: 627. DOI <http://dx.doi.org/10.3109/10837450.2010.508074>;

You can search for cited patents with the query RF(PATENT).

## Citing articles

Finding articles that cite a known paper or author can reveal much about the continuation or discontinuation of certain areas of research, and who might be supporting or challenging the work.

The easiest way to search for citing articles is to locate the document representing your reference and use the 'citing' link within it. For example, to find articles citing "Initial sequencing and analysis of the human genome" published by Lander et al in Nature 2001, search first for the Lander article, open it, locate the citing link towards the bottom of the document, and click it:

### Initial sequencing and analysis of the human genome

Lander, E S; Int Human Genome Sequencing Consortium; Linton, L M; Birren, B; Nusbaum, C; et al. **NATURE** 409.6822 (Feb 15, 2001): 860-921.



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#### Abstract (summary) [Translate](#)

The human genome holds an extraordinary trove of information about human development, physiology, medicine and evolution. Here we report the results of an international collaboration to produce and make freely available a draft sequence of the human genome. We also present an initial analysis of the data, describing some of the insights that can be gleaned from the sequence.

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The resulting 10,065 articles are those citing the Lander paper above.

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For example, to find articles which cite the Lander 2001 paper on the human genome:

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To find articles citing both Lander and Sanger:

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With very prominent names you may find the results a little imprecise as 'Sanger' or 'Lander' may be part of the article title. In such cases, using the more specific field codes will return better results, e.g.:

<input type="checkbox"/>	<b>S23</b>	<input type="checkbox"/> <a href="#">cau(sanger) and cau(lander)</a>	SciSearch®: a Cited Reference Science Database	<b>458°</b>	<a href="#">Actions</a> ▼
		<b>Databases:</b>	SciSearch®: a Cited Reference Science Database		

All parts of the reference are searchable. For example, to search for a reference dated 1971, from volume 48 or 49, page 267 with the word 'allergy' in the title or publication name, enter: *rf(1971 LNK (48 OR 49) LNK 267 LNK allergy)*

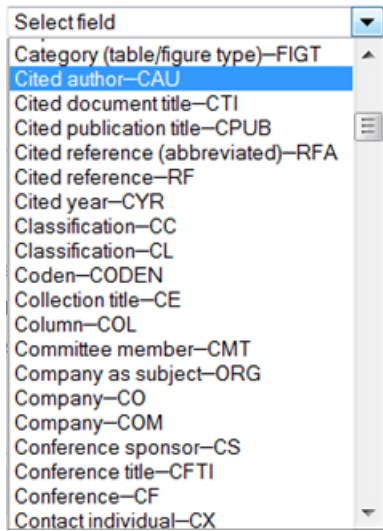
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<input type="checkbox"/> <a href="#">rf("Ge, J Y. Newcastle Disease Virus-Vectored Rabies Vaccine Is Safe, Highly Immunogenic, and Provides Long-Lasting Protection in Dogs and Cats. JOURNAL OF VIROLOGY (2011) 85: 8241. DOI http://dx.doi.org/10.1128/JVI.00519-11")</a>					
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<input type="checkbox"/>	<b>S26</b>	<input type="checkbox"/> <a href="#">rf("Ge, J Y. Newcastle Disease Virus-Vectored Rabies Vaccine Is Safe, Highly Immunogenic, and Provides Long-Lasting Protection in Dogs and Cats. JOURNAL OF VIROLOGY (2011) 85: 8241. DOI http://dx.doi.org/10.1128/JVI.00519-11")</a>	SciSearch®: a Cited Reference Science Database	<b>7°</b>	<a href="#">Actions</a> ▼
		<b>Databases:</b>	SciSearch®: a Cited Reference Science Database		

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- [Look up Cited authors](#)
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Then click the piece of the reference you want to look up – either the cited author or the cited publication title, enter a term or name, click Find and select the one(s) that look promising:

<< [Select another look up list](#) Help ? ✕

**Look Up Cited authors**

Enter a name.  
 Find

Contains  Begins with

Combine terms with:  OR  AND Add to search

You've selected 3 Cited authors to add [ view | clear ] ◀ Previous Next 100 ▶

Cited authors	Count
<input checked="" type="checkbox"/> ackerman, a	183
<input type="checkbox"/> ackerman, a a	1
<input checked="" type="checkbox"/> ackerman, a b	4296
<input checked="" type="checkbox"/> ackerman, a bernard	3
<input type="checkbox"/> ackerman, a c	1
<input type="checkbox"/> ackerman, a d	103
<input type="checkbox"/> ackerman, a e	43
<input type="checkbox"/> ackerman, a f	45
<input type="checkbox"/> ackerman, a g	2
<input type="checkbox"/> ackerman, a h	126
<input type="checkbox"/> ackerman, a j	67
<input type="checkbox"/> ackerman, a l	609
<input type="checkbox"/> ackerman, a m	4
<input type="checkbox"/> ackerman, a n	1

◀ Previous Next 100 ▶

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When looking up cited publications, bear in mind that about 80% of references have fully spelled out publication titles, and 20% may have abbreviations, so browse several options to get good coverage.

The search fields, their codes, and the look-up lists are all available on the Advanced Search page too:

The screenshot shows the ProQuest SciSearch Advanced Search interface. At the top, it says 'ProQuest Dialog SciSearch®: a Cited Reference Science Database'. Below this are navigation links for 'Basic Search', 'Advanced', and 'Command Line'. The main heading is 'Advanced Search' with a sub-heading 'Look Up Citation'. There are several input fields for search criteria, including a main search bar and two smaller ones with 'AND' dropdowns. A 'Field codes' dropdown menu is open, listing various search fields like 'All fields + text', 'Abstract - AB', 'Author - AU', etc. Search options include 'Synonyms' (with 'Include medical synonyms'), 'Limit to' (with 'Abstract included'), 'Publication date' (set to 'All dates'), and 'Updated' (set to 'All dates'). There are also fields for 'Cited author', 'Cited publication title', and 'Author affiliation', each with a 'Look up' link. A 'More options' section lists 'Accession number - AN', 'ISSN - ISSN', and 'Publisher - PB'. A note at the bottom right explains that quotation marks are used for phrases and that 'diabetes NEAR/3 treatment: NEAR/n' looks for terms within a specified distance.

When you have located the reference(s) you need, simply add them to your search. The results will be the articles in SciSearch which cite these papers; display, print or export these in the usual way to complete your research.

### Cited authors

Frequently cited authors in a subject area may be potential collaborators, or you may wish to find key opinion leaders or rising stars. It is easy to identify them as follows. Start with a subject search in the usual way:

<input type="checkbox"/>	Set ▾	Search	Databases	Results	Actions
<input type="checkbox"/>	S1	<input type="checkbox"/> ti,su(quantum computation) Databases: SciSearch®: a Cited Reference Science Database	SciSearch®: a Cited Reference Science Database	5659*	Actions ▾

Subscription customers will see the 'Cited authors' results filter in the right-hand panel. Open this:

The screenshot shows a 'Narrow results by' filter panel. It has a header 'Narrow results by' and a list of filters: 'Cited author' (checked), 'Cited publication title', 'Author', and 'Language'. Under 'Cited author', there is a list of authors with their counts: 'nielsen, m a (1389)', 'bennett, c h (1301)', 'shor, p w (1150)', 'knill, e (1029)', 'divincenzo, d p (1004)', and a 'More options...' link.

The five most frequently cited authors in the 5,659 results on quantum computation are displayed. Note that, in cited references, only the first author is included.

Choose 'More options' to review the top 500 cited authors:

Include	Exclude	Cited author	Count
<input type="checkbox"/>	<input type="checkbox"/>	nielsen, m a	1389
<input type="checkbox"/>	<input type="checkbox"/>	bennett, c h	1301
<input type="checkbox"/>	<input type="checkbox"/>	shor, p w	1150
<input type="checkbox"/>	<input type="checkbox"/>	knill, e	1029
<input type="checkbox"/>	<input type="checkbox"/>	divincenzo, d p	1004
<input type="checkbox"/>	<input type="checkbox"/>	deutsch, d	809
<input type="checkbox"/>	<input type="checkbox"/>	duan, l m	803
<input type="checkbox"/>	<input type="checkbox"/>	barenco, a	722

Narrow my results | Run new search | Save List

Narrow my results Cancel

In this example, 'Nielsen, M A' was the most frequently cited author in the results on quantum computation, appearing in 1,389 of the bibliographies in the 5,659 articles. At this point, subscription customers can include or exclude particular authors, run a new search, save the list, or export it to Excel for further analysis:

Narrow my results | Run new search | **Save List**

Save entire list as:  RTF  HTML  XLS (Excel)  PDF

Save List Cancel

	A	B	C	D
1	<b>Searched for:</b>	<b>ti,su(quantum computation)</b>		
2	<b>Databases:</b>	<b>SciSearch®</b>		
3				
4	<b>Cited author</b>	<b>Count</b>		
5	nielsen, m a	1389		
6	bennett, c h	1301		
7	shor, p w	1150		
8	knill, e	1029		
9	divincenzo, d p	1004		
10	deutsch, d	809		
11	duan, l m	803		
12	barenco, a	722		
13	cirac, j i	714		
14	grover, l k	696		
15	loss, d	690		
16	kitaev, a y	660		
17	gottesman, d	645		
18	zanardi, p	602		
19	lloyd, s	569		
20	raussendorf, r	523		
21	jones, j a	499		

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<input type="checkbox"/>	S2	<input type="checkbox"/> ti,su(photronics) and yr(2014) Databases: SciSearch®: a Cited Reference Science Database	SciSearch®: a Cited Reference Science Database	306°	Actions ▾

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Include	Exclude	Cited publication title	Count
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<input type="checkbox"/>	<input type="checkbox"/>	nature photonics	95
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<input type="checkbox"/>	<input type="checkbox"/>	applied physics letters	82
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<input type="checkbox"/>	<input type="checkbox"/>	journal of lightwave technology	81
<input type="checkbox"/>	<input type="checkbox"/>	nature	74
<input type="checkbox"/>	<input type="checkbox"/>	ieee journal of selected topics in quantum electronics	66

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