

SBA Sistema Bibliotecario di Ateneo Biblioteca del Polo Biomedico <u>https://biblioteca.polobiomedico.unige.it</u>

PubMed

June 11, 2025



giorgia.franchi@unige.it





Learn About PubMed FAQs & User Guide

Finding Full Text





E-utilities API FTP Batch Citation Matcher



PubMed is a NLM free and public database on the Internet



However, further library facilities for UniGE institutional users are available

To make full use of the subscription-based services is recommended to reach PubMed from the menu «Find Databases» available on the Library website



REMOTE ACCESS

https://biblioteche.unige.it/accedere_da_casa



U.S. National Library of Medicine National Network of Libraries of Medicine

Università	SBA	SBA									
di Genova	Sistema Bibl	Sistema Bibliotecario di Ateneo									
Le strutture	I cataloghi	l servizi	Le risorse	Per chi pubblica	DOGE	Contatti	News	Area riservata			

Accedere da casa

Per accedere, anche da casa, a full text e risorse elettroniche in abbonamento messe a disposizione agli studenti e al personale puoi:

- Impostare sul tuo browser il proxy.pac
- Accedere alle risorse tramite <u>autenticazione federata</u> con UnigePass (per gli editori che lo consentono, vedi elenco)

Ultimo aggiornamento 4 Febbraio 2025



https://biblioteche.unige.it/accedere_da_casa



https://biblioteca.polobiomedico.unige.it





UNIVERSITÀ DEGLI STUDI DI GENOVA	LIBRARY SEARCH	JOURNAL SEARCH	DATABASE SEARCH	ASK A LIBRARIAN	DOCUMENT DELIVERY REQUEST	COLLECTION	•••			Sign in	Menu 🔻
	UN 🄅 per tutto										
	pubmed					×	Q				
		PubMed Centr	ral (PMC)								
Databases by catego	ry	MedLine (Publ	Med)								
Architecture & Design	,	FIND TH	E SBA Un	iGe DATA	BASES!						
Arts & Humanities	Arts & Humanities To search for databases you can:										
Biology Environmental & Natural Sciences • start to digit 3 database title ch the list			base title cha	racters and c	hoose from						
Chemistry & Pharmacolo	ogy	browse	e databases l	by category							



	Cerca database	MedLine (PubMed)	×	Q			
		Identificati per completare i risultati e richiedere le copie 🛛 된 Autentica	ati 🖌 🗙	IGNORA			
ioi risi	ultati	1-2 su 2 Risultati 💌					
/anza ˈ	•	 PubMed Central (PMC) National library of medicine : Bethesda, Maryland : National Library of Medicine 			ē	*	•••
er cat	egoria	PubMed Central® (PMC) is a free full-text archive of biomedical and the U.S. National Institutes of Health's National Library of Medicine	ite science (NIH/NLM)	es journal liter)	ature a	t	
Design		V Accesso online					
umanisti	che	² MedLine (PubMed)			ē	*	
ze natur	ali e	National library of medicine : Bethesda, MD : National Library of Medicine					
nacia							

PubMed is a **bibliographic** (= literature citation) **database**

Accessing from the Library website allows you to get all customization for institutional users:

- 1. each bibliographic record is complete with external links to the publisher website with full text, when available
- 2. when not available you will find the link to NILDE (Network for Inter-Library Document Exchange): a web-based software for free document delivery service



https://nilde.bo.cnr.it

- 1. Register as a new institutional user
- 2. Access to PubMed from Unopertutto -> Find Databases
- 3. From the record in PubMed click on NILDE button
- 4. The citation will be automatically added in NILDE form complete with all bibliographic data needed
- 5. Send the request to the Library

Within max 2 days you will receive a NILDE feedback and an e-mail from the Library with the pdf attached file. In very rare cases the publication could be impossible to retrieve \rightarrow you will be notified about the negative outcome





UNIVERSITÀ DEGLI STUDI DI GENOVA	LIBRARY SEARCH	JOURNAL SEARCH	DATABASE SEARCH	ASK A LIBRARIAN	DOCUMENT DELIVERY REQUEST	COLLECTION DISCOVERY	•••			Ford Carlor	Sign in	Menu 🔻
	UN 🄅 per tutto											
	Database Search	pubmed					×	Q				
		PubMed Centr	ral (PMC)						7 9.			
Databases by catego	ry	MedLine (Publ	Med)	·~ ~ ~ + +	DAGEGI							
Architecture & Design		FIND I H	E SBA UN	IGE DATA	BASES!							
Arts & Humanities	Arts & Humanities To search for databases you can:											
Biology Environmental & Sciences	 start to the list 	o <mark>digit 3 data</mark> l t	oase title c <mark>h</mark> a	racters and c	hoose from							
Chemistry & Pharmacolo	ogy	 browse 	e databases l	by category								



	Cerca database	MedLine (PubMed) × ${\cal P}$	
		Identificati per completare i risultati e richiedere le copie Autenticati 🛛 🗙 IGNORA	
Joi rist	ultati	1-2 su 2 Risultati 🔻	
/anza	•	PubMed Central (PMC) National library of medicine : Bethesda, Maryland : National Library of Medicine PubMed Central [®] (PMC) is a free full-text archive of biomedical and life sciences journal literature at	
er cat Design	egoria	the U.S. National Institutes of Health's National Library of Medicine (NIH/NLM)	
umanisti	che	2 MedLine (PubMed)	
ze natur	ali e	National library of medicine : Bethesda, MD : National Library of Medicine	
nacia			



PubMed Central (PMC) is a **free**

full text archive of biomedical and life sciences journal literature

What's in PubMed Central (PMC)?



Image source: https://pmc.ncbi.nlm.nih.gov/about/intro

https://pmc.ncbi.nlm.nih.gov/about/intro

PubMed

- Features and contents
- Tools and research strategies
- Managing the results \rightarrow My NCBI
- Retrieving full text
- Document Delivery via NILDE





Features and contents

- PubMed has been available since 1996
- Content: more than 4600 scientific journals and more than 37 million references and abstracts of *peer-reviewed* biomedical publications
- Topics: medicine, nursing, dentistry, health organization, pre-clinical sciences, life sciences
- Edited and daily updated by the National Library of Medicine (NLM)

https://pubmed.ncbi.nlm.nih.gov/about





MEDLINE, PubMed, and PMC: how are they different?

https://www.nlm.nih.gov/bsd/difference.html



PubMed = bibliographic database \rightarrow provides citations (= bibliographic records)

- A bibliographic record is the description of a document and provides all information needed to identify and retrieve a publication
- Each record is composed of different fields
- Each field constitutes an access to the record
- Each field is characterised by *tags*, which are essential for retrieving accurate information. To limit your search to only the specified fields of the citations you can type field tags in the search bar within square brackets: *[ti], [au], [ta], [pmid], [issn], [mh] ...*



Simple search

- Type one or more natural language words
- Autocomplete feature suggests terms that contain your input. This algorithm provides search-term predictions based on previous searches
- Words are automatically associated with AND
- Terms are searched in all fields of the record unless you use fields tags
- Automatic Term Mapping happens in background (v. Search Details in Advanced Search)



ATM (Automatic Term Mapping)

- ATM is a process that happens in the background of most PubMed searches
- The database takes the terms that you have entered into the search box and attempts to interpret them and map them to the appropriate MeSH Terms – if a corresponding heading is available
- In most everyday or casual searches, the ATM feature will help your search by not requiring you to put as many terms into the search box or build more complex search queries
- However, sometimes the ATM process can go in an unexpected or undesired direction
 → it is important to understand how the database is interpreting your search and
 always carefully check the search details



ATM (Automatic Term Mapping) in practice

When you enter a search, PubMed checks for that term its "Translation Tables" running the search not just in all fields of the record but also in some specific indexes (journal titles, author names, MeSH)

To see how your terms are being mapped, you can view: Advanced Search → Search History → Search Details

PubMed	Advance				
Add terms	s to the que	ery box			
All Fields	S		metabolic dysfunction associated fatty liver disease	×	ADD
					Show Inde
uery box	(
Enter / e	edit your se	arc <mark>h q</mark> uery	here		Search 🚿
				1	
istory	and Sear	ch Detai	S	🕁 Download	🕅 Delete
Search	Actions			Doculto	Time
	Actions	Details	Query	Results	
#1		Details	Query Search: metabolic dysfunction associated fatty liver disease	7,824	03:00:50
#1		Details ~	Query Search: metabolic dysfunction associated fatty liver disease ("metabolic"[All Fields] OR "metabolical"[All Fields] OR "metabolically"[All	7,824	03:00:50



History and Search Details

You can:

• Display and manage performed searches and related results

 Display search terms you entered and the full search that was actually run by the database with all of the individual term translations that took place (ATM)



ligands: "ligand's"[All Fields] OR "liganded"[All Fields] OR "liganding"[All Fields] OR "ligands"[Supplementary Concept] OR "ligands"[All Fields] OR "ligand"[All Fields] OR "ligands"[MeSH Terms]



Sometimes ATM process can go in an unexpected or uncorrected direction \rightarrow Always check carefully the automatic search details! Are all terms relevant to your search?



You can delete terms not relevant \rightarrow copy and paste the query details in the query box above \rightarrow modify the search string (when modifying the search mind the brackets and boolean operators between terms)



Turning ATM off

- You can also decide that you do not want PubMed to interpret your search terms, maybe because you may be running a more structured search where you would likely want to have more control over the search terms
- If you do not want PubMed to interpret your search terms you can turn the ATM feature off by using one of the following methods:
- 1. Putting the term into quotation marks ("...")
- 2. Using truncation (*)
- 3. Using field tags [...]



MeSH - Medical Subject Headings

- When you search PubMed, ATM automatically identifies and includes relevant MeSH terms associated with your keywords
- MeSH = Medical Subject Headings → specific terms used by the National Library of Medicine to index citations of articles that are added to MEDLINE/PubMed and describe the topic of the articles
- Subject Headings more generally are the official terms of a thesaurus that a specific database uses to describe the content of items that are in it.
- Each database uses its own controlled vocabulary to describe its contents, and so MeSH is specific to MEDLINE/PubMed



MeSH = controlled and hierarchically-organized vocabulary produced by the NLM

C 🔐 😋 ncbi.nlm.nih.gov/mesh/				☆ ₽	Verifica la tua				
SBA Sistema Biblio 😽 pronunciation signif 🍺 Home - PubM	ed 📋 OPAC Catalogo SBN 🙀	NILDE 🤠 Unige - Biblioteca d	🚱 Bibliosan - Le Biblio	0	» ⊏				
An official website of the United States government Here's how	you know 🗸								
NIH National Library of Medie National Center for Biotechnology Information	cine ^{tion}				Log in				
MeSH MeSH Limits Advance	ed			Search	Help				
	MeSH								
MeSH (Medical Subject Headings) is the NLM controlled vocabulary thesaurus used for indexing articles for PubMed.									
Using MeSH	More Resources								
Help	E-Utilities								
Tutorials	NLM MeSH Homepage								

https://www.nlm.nih.gov/mesh/intro_record_types.html





MeSH MeSH	V liver cancer	
	Limits Advanced	
Full +		5
Liver Neoplasms		
Tumors or cancer of the LIVER.		
Date introduced: January 1, 1999		
PubMed search builder options		
Subheadings:		
blood	embryology	pathology
blood supply	enzymology	physiopathology
cerebrospinal fluid	epidemiology	prevention and control
chemically induced	ethnology	psychology
Chemistry	etiology	🗆 radiotherapy
Classification	🗆 genetics	rehabilitation
complications	history	secondary
congenital	immunology	surgery
🗆 diagnosis	metabolism	C therapy
diagnostic imaging	microbiology	
diet therapy	mortality	🗆 urine
drug therapy	nursing	veterinary
economics	parasitology	virology
Restrict to MeSH Major Topic.		
Do not include MeSH terms found be	elow this term in the MeSH hierarch	у.
Tree Number(s): C04 588 274 623 C08	301 823 C08 552 897	
MeSH Unique ID: D008113		Entry Tarma tarias
Entry Terms:		Entry lerms: terms co
Hepatic Neoplasms		
Hepatic Neoplasm		Those can be useful to
 Neoplasm, Hepatic 		inese can be useful to
 Neoplasms, Hepatic 		
Neoplasms, Liver		These also play as in
 Liver NeoplaSM 		

Neoplasm, Liver

Entry Terms: terms considered to be a synonym for the MeSH term These can be useful to find other keyword synonyms to try These also play an important role in the Automatic Term Mapping (ATM) process



MeSH	MeSH	✓ taar1 protein, human	
		Limits Advanced	

Full -

Trace amine-associated receptor 1 [Supplementary Concept]

potential direct targets for drugs of abuse; binds beta-phenylethylamine and TYRAMINE

Date introduced: September 14, 2001 MeSH Unique ID: C434723 Registry Number: XMC8VP6RI2 Heading Mapped to:

• Receptors, G-Protein-Coupled

Entry Terms:

- TA1 amine receptor
- Trace amine receptor 1
- TAAR1 protein, human
- TAR-1 protein, human
- TAR1 protein, human
- trace amine associated receptor 1, human
- TRAR1 protein, human
- Taar1 protein, mouse
- trace amine-associated receptor 1, mouse
- Taar1 protein, rat
- trace-amine-associated receptor 1, rat

Date Introduced: when a particular term was added to the MeSH vocabulary. In fact, TAAR1 was discovered in 2001

MeSH is updated once a year

to reflect changes in the medical literature and terminology



MeSH is organized into a **tree structure** from least specific to most specific.

You can explore the branch that a given term is in by clicking on the links in the MeSH tree to find the best term(s) for your search

Hepatic Cancers



 If a lot of other terms are underneath your term in the MeSH Hierarchy this can impact how the MeSH Explosion works



https://hslguides.osu.edu/pubmed/explosion





Restrict to MeSH major topic: it ensures your search retrieves only articles where the MeSH term is a major topic discussed, rather than a secondary focus

Do not include MeSH terms found below this term in MeSH hyerarchy: your search will only include the specific MeSH term you selected and not its more specific sub-terms within the hierarchy



Trace amine-associated receptor 1 [Supplementary Concept]

potential direct targets for drugs of abuse; binds beta-phenylethylamine and TYRAMINE Date introduced: September 14, 2001 MeSH Unique ID: C434723 Registry Number: XMC8VP6RI2 Heading Mapped to:

Receptors, G-Protein-Coupled

Entry Terms:

- TA1 amine receptor
- Trace amine receptor 1
- TAAR1 protein, human
- TAR-1 protein, human
- TAR1 protein, human
- trace amine associated receptor 1, human
- TRAR1 protein, human
- Taar1 protein, mouse
- trace amine-associated receptor 1, mouse
- Taar1 protein, rat
- trace-amine-associated receptor 1, rat

Previous Indexing:

<u>RECEPTORS, CELL SURFACE (2001-2003)</u>

Previous Indexing: if articles on a given concept used to be indexed with a different term, you might find an alternative term listed here. This is especially important for newer terms to help find older or historical literature

Trace amine-associated receptor 1 [Supplementary Concept]

potential direct targets for drugs of abuse; binds beta-phenylethylamine and TYRAMINE Date introduced: September 14, 2001 MeSH Unique ID: C434723 Registry Number: XMC8VP6RI2 Heading Mapped to:

Receptors, G-Protein-Coupled

Entry Terms:

- TA1 amine receptor
- Trace amine receptor 1
- TAAR1 protein, human
- TAR-1 protein, human
- TAR1 protein, human
- trace amine associated receptor 1, human
- TRAR1 protein, human
- Taar1 protein, mouse
- trace amine-associated receptor 1, mouse
- Taar1 protein, rat
- trace-amine-associated receptor 1, rat

Previous Indexing:

<u>RECEPTORS, CELL SURFACE (2001-2003)</u>

Keyword search term is automatically linked to a MeSH term. This mapping is done to improve the search by accounting for variations in language and ensuring a more comprehensive search by including relevant MeSH terms

Supplementary Concept Records (SCRs):

Terms in a separate thesaurus from MeSH, they are **updated daily** to allow for rapid addition of new concepts outside of the annual MeSH review process.

These records are primarily for substances like proteins, drugs, and chemicals, but can also include treatment protocols, organisms, and rare diseases

https://www.nlm.nih.gov/oet/ed/pubmed/mesh/mod01/03-400.html



Pharmacologic Actions

MeSH	MeSH ~	Pharmacologic Actions"[MeSH Terms]	Search	
		Create alert Limits Advanced		Help
Full -		Send to: -		
			PubMed Search Builder	
Pharmacologic Ac	tions:			
A broad category of chem chemicals that act by alte the environment are also Year introduced: 2004(19)	ical actions and uses ring normal body funct included.	that result in the prevention, treatment, cure or diagnosis of disease. Included here are drugs and ions, such as the REPRODUCTIVE CONTROL AGENTS and ANESTHETICS. Effects of chemicals on		4
Date introduced: June 10	, 1998		Add to search builder AND ~	<u>[</u>
PubMed search builder op	otions		Search PubMed	
Restrict to MeSH Maid	or Topic			You Tube Tutorial
Do not include MeSH	terms found below this	s term in the MeSH hierarchy.	Related information	
Tree Number(s): D27.505			PubMed	
MeSH Unique ID: D02022	28		PubMed - Major Topic	
Entry Terms:			Clinical Queries	
Actions, Pharmaco	logic		NLM MeSH Browser	
 Pharmacologic Act Action, Pharmacol Chemical Actions 	ogic		PubChem Compound	
Actions, Chemical				
Chemical Action Action Chemical			Recent Activity	
- Action, chemical				Turn Off Cloor



MeSH MeSH	✓ nafld		
	Create alert Limits Advanced		
Full 🗸			
Non-alcoholic Fatty Liver E Fatty liver finding without excessive AL Year introduced: 2015 Date introduced: June 26, 2014 PubMed search builder options Subheadings:	Disease COHOL CONSUMPTION.	۰	Subheadings (qualifiers) : all the different specialized terms that could potentially be combined with a specifi
 blood cerebrospinal fluid chemically induced classification complications congenital diagnostic imaging diet therapy drug therapy economics embryology 	 enzymology epidemiology ethnology etiology genetics history immunology metabolism microbiology mortality nursing parasitology 	 pathology physiopathology prevention and control psychology radiotherapy rehabilitation surgery therapy urine veterinary virology 	MESH Mest terms • 17-Hydroxysteroid Dehydrogenases / genetics • Animals • Hepatocytes / metabolism • Liver / metabolism • Mice • Non-alcoholic Fatty Liver Disease* / drug therapy • Non-alcoholic Fatty Liver Disease* / genetics • Non-alcoholic Fatty Liver Disease* / metabolism

MeSH terms: how does indexing work?

- Manual Indexing: before 2022
- Automatic Indexing:
- → 2022-2024: MTIA (Medical Text Indexer-Automated) algorithm = complex system based on a dictionary of MeSH terms, synonyms and other phrases with rules created and refined by humans over the course of many years.
- → After 2024: MTIX (Medical Text Indexer-NeXt Generation) algorithm = a machine learning model known as a neural network (AI): MTIX was trained on millions of MEDLINE citations published between 2007 and 2022. From those examples, MTIX learns how the citation title, abstract, publication year, indexing year, and journal name relate to the indexed terms on that article. Once trained, MTIX can apply the knowledge it developed during training to new citations, determining which MeSH terms are statistically likely to be appropriate indexing for that new article.



Quality Assurance

Semi-automatic indexing (MTIA + human check) \rightarrow human curators continue to play a significant role in quality assurance for MTIX Roughly one-third of articles indexed via automation will also receive human curation, with focus on specific types of publications such as systematic reviews or clinical trials and citations that involve genes or proteins, some of the most frequent search topics in PubMed



MeSH	MeSH ~] 17β-HSD13		Search	Liala
Summary - 20 per page	•		Send to: -	PubMed Search Builder	Theip
Search results Items: 1 to 20 of 335			<< First < Prev Page 1 of 17 Next > Last >>]	
A The following terms v	vere not found in MeSH	ł: HSD13, 17beta-HSD13.		Add to search builder AND V	10
 17beta-hydroxyste expressed in micro 3,17-dione to testo Date introduced: Augu 	eroid dehydrogenase somal fraction of teste sterone Ist 7, 2014	type 3 [Supplementary Concept] es; deficiency associated with pseudoher	maphroditism; catalyzes conversion of 4-androstene	Search PubMed You	the Tutorial
 <u>estradiol-17 beta-3</u> 2. RN given refers to Date introduced: June 	<u>3-methyl ether [Suppl</u> (<mark>17beta</mark>)-isomer) 26, 1980	ementary Concept]		Database: Select Find items	
 <u>dipyrandium [Supp</u> RN given is from C Date introduced: January 	Dementary Concept] A online & refers to (3 ary 1, 1970	3beta, <mark>17beta</mark>)-isomer; structure		Search details 17beta[All Fields]	
<u>16-fluoroestradiol</u>	Supplementary Cond	<u>cept]</u>			



PubChem provides detailed chemical information \rightarrow chemical substances, their properties and bioactivities



https://pubchem.ncbi.nlm.nih.gov





Image source: https://ehp.niehs.nih.gov

PubMed and PubChem are linked \rightarrow

- PubMed records can contain PubChem IDs and PubChem records often link to relevant PubMed articles
- Many PubChem records include links to relevant
 PubMed articles that discuss the chemical, and this enables researchers to seamlessly navigate between chemical information and scientific publications

Cross-referencing is used to establish links between NCBI/NLM databases



Search tips

You can search by natural language words (Google-like search):



History and Search Details

Details Query A

Automatic Term Mapping

Results 1

7,821 C

✓ Sea

Search: metabolic dysfunction associated fatty liver disease ("metabolic" [All Fields] OR "metabolical" [All Fields] OR "metabolically" [All Fields] OR "metabolics" [All Fields] OR "metabolism" [MeSH Terms] OR "metabolism"[All Fields] OR "metabolisms"[All Fields] OR "metabolism" [MeSH Subheading] OR "metabolities" [All Fields] OR "metabolization" [All Fields] OR "metabolize" [All Fields] OR "metabolized" [All Fields] OR "metabolizer" [All Fields] OR "metabolizers" [All Fields] OR "metabolizes" [All Fields] OR "metabolizing" [All Fields]) AND ("dysfunctional" [All Fields] OR "dysfunctionals" [All Fields] OR "dysfunctioning" [All Fields] OR "dysfunctions" [All Fields] OR "physiopathology" [MeSH Subheading] OR "physiopathology"[All Fields] OR "dysfunction"[All Fields]) AND ("associate" [All Fields] OR "associated" [All Fields] OR "associates" [All Fields] OR "associating" [All Fields] OR "association" [MeSH Terms] OR "association" [All Fields] OR "associations" [All Fields]) AND ("non alcoholic fatty liver disease"[MeSH Terms] OR ("non alcoholic"[All Fields] AND "fatty"[All Fields] AND "liver"[All Fields] AND "disease"[All Fields]) OR "non alcoholic fatty liver disease"[All Fields] OR ("fatty"[All Fields] AND "liver" [All Fields] AND "disease"[All Fields]) OR "fatty liver disease"[All Fields])



Search tips

If you want that the words must appear as an exact phrase you

have to surround your search terms with quotation marks ("...") :



History and Search Details Details NO Automatic Term Mapping Download Details Query Results Search: "metabolic dysfunction associated fatty liver disease" [All Fields] 1,464



Cite

For each record different citation styles (AMA, MLA, APA e NLM) are shown



You can download the citation in .nbib: this file format is designed for importing citations into Reference Management Software like EndNote, Zotero and other citation management software.



Save, Email, Send to

NIH National Cent	LIDRARY OF MEDICINE or for Biotechnology Information	💄 giorgia.franchi@gma
Pub Med®	taar1 ligands Advanced Create alert Create RSS	X Search User Guid
	Save Email Send to	Sort by: Best match 🗣 Display options 🗱
MY CUSTOM FILTERS	16 results	
All (16)		
English (16)	Eilters applied: in the las	10 years Clinical Trial Review Clear all
Full text (16)	• Finters applied. In the las	t to years, clinical mai, Neview. <u>Clear an</u>
RESIRTS BY VEAR	Potential of Ligands fo	r Trace Amine-Associated Receptor 1 (TAAR1) in the
·	1 Management of Substa	ince Use Disorders.
🖉 🕁 Reset	Cite Wu R, Li JX.	
	CNS Drugs. 2021 Dec;35(12):1	239-1248. doi: 10.1007/s40263-021-00871-4. Epub 2021 Nov 12.
	PMID: 34766253 Free PM	Carticle. Review.
	Selective and potent engineer	ed TAAR1 ligands, including full (RO5166017 and RO5256390) and partial
	(RO5203648, RO5263397 and	RO50/3012) agonists and the antagonist EPPTB (N-(3-ethoxyphenyl)-4-(1-

Pub	ed [®]	aar1 ligands vanced Create alert Create RSS	X Search User Guide			Fmail	
Save	Sa Sel For	save Email Send to Sort by: Best match Image ve citations to file ection: All results on this page mat: Summary (text)	Display options 🛠	Save	ail Send to	Sort by: Best match	\$
You can choose the formation between:	Formata	Create file Cancel Summary (text)]	Email citati	r after July 28, sending e ire My NCBI login. <u>Learn</u> it this and other changes	email will <u>more</u> s coming to	
 Summary PubMed PMID List Abstract CSV 	16 results	Summary (text) Cre PubMed PMID Abstract (text) CSV	S * T & F S	the e Subject: taar1 To: gid From: gid Selection: Al Format: Su	mail feature. I ligands Filters: in the last Review - PubMed orgia.franchi@unige.it orgia.franchi@unige.it I results on this page	10 years, Clinical	

Send to

Clipboard \rightarrow provides a place to collect up to 500 items from one or more searches. Items saved to the Clipboard will expire after 8 hour My Bibliography \rightarrow in My NCBI account Collections \rightarrow in My NCBI account



2 opportunities and challenges.

Send to

Citation manager → exports citations in .nbib (= a NLM proprietary format designed to contain specific fields of Medline records and used for importing citations into Reference Management Software like Zotero, EndNote, Mendeley, RefWorks) .nbib format could be easily converted to

.ris (research information systems)



2 opportunities and challenges.

Within PubMed you can create a personalized account called a MyNCBI Account



My NCBI

of Medicine	ACCOUNT X
inology information	Logged in as: giorgia.franchi@gmail.com
nafld	Dashboard
Advanced Create alert Create RSS	Publications
Save Email Send to Sort by: Best ma	Account settings t Log out
22,961 results	✓ Page 1 of 2,297 > ≫
Filters applied: in the last 10 years, Humans. <u>Clear all</u>	

MAFLD: How is it different from **NAFLD**?

Gofton C. Upendran Y. Zheng MH. George J.

A MyNCBI Account includes the following main features:

- Creating collections of articles
- Saving search strategies
- Setting up email search alerts
- Building your My Bibliography
- Choosing personalized display settings and limiters



My NCBI

My Biblic	graphy					X
Your bibliogr Your bibliogr	raphy conta raphy is pri	ins <u>9 items</u> vate.		Manage My Dibliggraph		
				<u>Manage wy bibliograp</u> i	<u>1y »</u>	_
Recent A	ctivity				۲	X
Tin	ne	Database	Туре	Term		
Yesterday	10:41 AM	MeSH	record	Receptors, G-Protein-Coupled		
Yesterday	10:41 AM	MeSH	record	Trace amine-associated receptor 1 [
Yesterday	10: <mark>4</mark> 0 AM	MeSH	search	taar1 protein, human		
Yesterday	10:40 AM	MeSH	search	taar 1		
Yesterday	10:29 AM	MeSH	search	supplementary concept		
Yesterday	09:47 AM	MeSH	record	Pharmacologic Actions		
Yesterday	09:47 AM	MeSH	search	"Pharmacologic Actions"[MeSH Terms]		
Yesterday	09:44 AM	MeSH	record	4-(3,4-dichlorophenyl)-4,5-dihydroo		
Yesterday	09:44 AM	MeSH	record	Oxazoles		
Yesterday	09:43 AM	MeSH	search	taar1		

Customize this page | NCBI Site Preferences | Video Overview | Help

Search Name		What's New	Last Searched
PubMed Searches			
(Clostridium Infectionsdrug therapy[Mesh]) AND	0	0	4 months ago
clostridium difficile treatment MONOCLONAL ANTI	Ø	0	4 months ago







https://hslguides.osu.edu/pubmed

https://www.nlm.nih.gov/medline/medline_overview.html https://pubmed.ncbi.nlm.nih.gov/help https://pmc.ncbi.nlm.nih.gov/about/intro https://pubchem.ncbi.nlm.nih.gov https://www.ncbi.nlm.nih.gov/gene https://www.ncbi.nlm.nih.gov/protein https://meshb.nlm.nih.gov

<u>MeSH 2025</u>

https://www.nlm.nih.gov/oet/ed/pubmed/mesh/mod01/index.html



U.S. National Library of Medicine

