



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE _ 5888

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Immunology and Biology Laboratory**

Scientist- in – charge: **Prof. D. Trabattoni, Prof. M. Biasin and Prof. M. Clerici**

[Name and surname]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	George william
Name	Jonahunnatha nesson

PRESENT OCCUPATION

Appointment	Structure
Adjunct faculty [part-time-without pay]	Department of Biochemistry, Saveetha Dental College & Hospitals, Saveetha Institute of Medical and Technical Sciences, Chennai, India (From Oct 25 2021-Present).
Post doctoral researcher	Onco-hematology lab, G. d'Annunzio" University, Chieti, Italy (Mar 01 2020-Feb 28 2022).
Post doctoral researcher	Laboratory Medicine and Pathobiology, Toronto General Hospital. (University Health Network), Toronto, Canada. (Sept 17 2018-Aug 10 2019).
Post doctoral researcher	Department of Biomedical and Clinical Sciences (BKV), Linkoping University, Linkoping, Sweden. (Jun 25 2015 to Sept 24 2016).
Research Fellow	Department of Medical-Surgical Sciences and Biotechnologies, University of Rome, La Sapienza, Latina, Italy, (Feb 01 2012- Aug 30 2013).
Guest Researcher	Cardiac Hypertrophy Laboratory, Department of Molecular biology, School of Biological Sciences, Madurai Kamaraj University, India & Department of Bio- chemistry, All India Institute of Medical Science, New Delhi, India. (Oct 2009- Jan 2011 & Jan 2017-Sept 2018).



EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree			
Specialization	Molecular oncology and experimental surgery		
PhD		Ruprecht Karl-University of Heidelberg/ DKFZ, Heidelberg, Germany	(PhD awarded on 15/07/2014), cum laude, (Oct 1 2006- Oct 10 2009).
Master	Biochemistry		
Degree of medical specialization		Islamiah College, affiliated by Madras University, Tamil Nadu,	(Jun 1999- Oct 2001)- Convocation on 12/09/2002.
Degree of European specialization			
Other			

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
English	fluency
Italian	Moderate

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award



TRAINING OR RESEARCH ACTIVITY

description of activity

PROJECT ACTIVITY

Year	Project
2021	Role of non-coding RNAs in Oral Carcinoma at Saveetha Institute of Medical and Technical Sciences
2020-2021	Role of miR-181a and miR-181b in B- cell malignancies and development of rational approaches for their use as therapeutic agents
2022	Role of NQO2 gene in Parkinson's Disease
2019	Skp2 gene in Multiple myeloma
2016	ARID1A mutation screening in AML relapse samples

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
Sept-2021	"cFOS/mir-181a circuitry is involved in BCR signaling and death of CLL cells	EHA online
December 7-10, 2019)	Overexpression of Mir-21-5p Induces Apoptosis and Cell Cycle Arrest By Down-Regulating SKP2 and Overcomes Bortezomib Resistance in Multiple Myeloma"	61st Annual Meeting and Exposition in Orlando, FL, American Society of Hematology.
2007	Indio-German conference, Non-coding RNAs in Cancers, at German Cancer research Center (DKFZ) , Heidelberg (2007).	DKFZ, Heidelberg, Germany



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abstract titled". (co- author,)

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
<p>1. Curcumin regulates miR-21 expression and inhibits invasion and metastasis in colorectal cancer. Mudduluru G#1, George-William JN#1, Muppala S, Asangani IA, Kumarswamy R, Nelson LD, Allgayer H. <i>Biosci Rep.</i> 2011 Jun;31(3):185-97. doi: 10.1042/BSR20100065. PMID: 20815812 14 JANUARY 2011 [First co-author]</p> <p>2. Emerging cardiac non-coding landscape: The importance of meta-analysis. Rajan KS, Ramasamy S, George-William JN, Rajendhran J. <i>Biochimie.</i> 2017 Feb;133:87-94. doi: 10.1016/j.biochi.2016.12.018. Epub 2016 Dec 27. PMID: 28038934 Reviews. 2 JANUARY 2017</p> <p>3. Abundant and Altered Expression of PIWI-Interacting RNAs during Cardiac Hypertrophy. Rajan KS, Velmurugan G, Gopal P, Ramprasath T, Babu DD, Krithika S, Jenifer YC, Freddy A, William G Jn, Kalpana K, Ramasamy S. <i>Heart Lung Circ.</i> 2016 Oct;25(10):1013-20. doi: 10.1016/j.hlc.2016.02.015. Epub 2016 Mar 28. PMID: 27067666. 1 OCTOBER 2016</p> <p>4. Enhanced Expression of miR-181b in B Cells of CLL Improves the Anti-Tumor Cytotoxic T Cell Response. Di Marco M, Veschi S, Lanuti P, Ramassone A, Pacillo S, Pagotto S, Pepe F, George-William JN, Curcio C, Marchisio M, Miscia S, Innocenti I, Autore F, Vannata B, Di Gregorio P, Di Gioacchino M, Valentinuzzi S, Iezzi M, Mariani-Costantini R, Larocca LM, Laurenti L, Veronese A, Visone R. <i>Cancers (Basel).</i> 2021 Jan 12;13(2):257. doi: 10.3390/cancers13020257. PMID: 33445508. 12 January 2021</p> <p>5. Ascendancy of unfolded protein response over glioblastoma: estimating progression, prognosis and survival. Gundamaraju R, Wu J, William JNG, Lu W, Jha NK, Ramasamy S, Rao PV. <i>Biotechnol Genet Eng Rev.</i> 2022 Jul 29:1-23doi: 10.1080/02648725.2022.2106002. Online ahead of print. PMID: 35904341 Reviews. 29 JULY 2022.</p> <p>6. Geographical distribution of host's specific SARS-CoV-2 mutations in the early phase of the COVID-19 pandemic. Khalid M, Murphy D, Shoai M, Nesson George-William J, Al- Ebini Y. <i>Gene.</i> 2022 Nov 4:147020. doi: 10.1016/j.gene.2022.147020. Online ahead of print. 4 November 2022.</p>
[title of the article, review, place, publishing house, year ...]
[title of the article, review, place, publishing house, year ...]

Congressproceedings



[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]

OTHER INFORMATION

submitted papers and reviews

1. Autophagy and neuroprotection in astrocytes exposed to 6-hydroxydopamine is negatively regulated by NQO2: a potential novel target in Parkinson’s disease. Maddalena Parafati, Concetta Martino, Lascala Antonella ,Concetta Riillo,Jean A. Boutin, Jonahunnatha nesson George William and Elzbieta Janda [**Submitted to Scientific Reports-Nature on 24 Jan 2023**].

2. SKping cell cycle regulation: Role of ubiquitin ligase SKP2 in hematological malignancies Jonahunnatha Nesson George William , Ruby Dhar , Rohit Gundamaraju , Antoney Francis Paulraj Allwin Mabes Raj , Subbiah Ramasamy and Subhradip Karmakar [**Submitted to Frontiers in Oncology on 04 September 2023**]

Manuscript preparation

1. The dual role of miR-223 in cancer development and cancer drug resistance. George william Jonahunnatha nesson, Rohit Gundamaraju, Laura Pulze, Davide Barbagallo, Donatella Ponti, and Paola Campomenosi [Review: Submitting to MDPI in august 2023]

2. Cellular Landscaping of miRNAs in Chronic Lymphocytic Leukemia: Bottlenecks and Breakthroughs. Jonahunnatha Nesson George-William, PhD, Rohit Gundamaraju , Rahul Bhattacharjee, Tamoghni Mitra , Selvaraj Jayaraman, Shazia Fathima Rizwan and Subbiah Ramasamy [**Manuscript completed**]

3. Overexpression of Mir-21-5p Induces Apoptosis and Cell Cycle Arrest by Down- Regulating SKP2 and Overcomes Bortezomib Resistance in Multiple Myeloma. Jonahunnatha Nesson George William , Jian Wu, Ziyang Chen,Omar Faruq and Hong Chang [**Manuscript almost ready-awaiting few results to include**]

4. The Intricacy of miRNAs and BCR signaling on CLL drug resistance: Possible future therapeutic approaches of miRs plus CLL drugs combination. Jonahunnatha nesson George William, Rohit Gundamaraju, Shazia Fathima Rizwan, Mitrunjoy roy, Rekha Balakrishnan and Ramasamy Subbiah. [**Manuscript completed –ready for submission**].

ASH & EHA publication

3. [https://ashpublications.org/search-](https://ashpublications.org/search-results?q=george%20william%20jonahunnatha&fl_SitelID=1&page=1&qb={%22q)
[results?q=george%20william%20jonahunnatha&fl_SitelID=1&page=1&qb={%22q](https://ashpublications.org/search-results?q=george%20william%20jonahunnatha&fl_SitelID=1&page=1&qb={%22q)

[%22:%22george%20william%20jonahunnatha%22}](https://ashpublications.org/search-results?q=george%20william%20jonahunnatha&fl_SitelID=1&page=1&qb={%22q)

4. [https://library.ehaweb.org/eha/2021/eha2021-virtual-](https://library.ehaweb.org/eha/2021/eha2021-virtual-congress/325364/alice.ramassone.cfos.mir-181a.circuitry.is.involved.in.bcr.signalling.and.html?f=listing%3D3%2Abrowseby)
[congress/325364/alice.ramassone.cfos.mir-](https://library.ehaweb.org/eha/2021/eha2021-virtual-congress/325364/alice.ramassone.cfos.mir-181a.circuitry.is.involved.in.bcr.signalling.and.html?f=listing%3D3%2Abrowseby)
[181a.circuitry.is.involved.in.bcr.signalling.and.html?f=listing%3D3%2Abrowseby](https://library.ehaweb.org/eha/2021/eha2021-virtual-congress/325364/alice.ramassone.cfos.mir-181a.circuitry.is.involved.in.bcr.signalling.and.html?f=listing%3D3%2Abrowseby)

[%3D8%2Asortby%3D2%2Amedia%3D3%2Asearch%3DIbrutinib](https://library.ehaweb.org/eha/2021/eha2021-virtual-congress/325364/alice.ramassone.cfos.mir-181a.circuitry.is.involved.in.bcr.signalling.and.html?f=listing%3D3%2Abrowseby)



Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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Place and date: _chieti 03/10/2023