

Varsha M Menon
Research Assistant
Drug design and Discovery
M32, Sharjah Institute for Medical Research

Phone: 06-505 7658

Email: vmenon@sharjah.ac.ae

OBJECTIVE

To be a challenging researcher in the Scientific Field and establish new milestones that would pave way for the betterment of the society.

ACADEMICS

University / Institute	Degree	Grade	Year
University of Leeds, U.K	Masters in Bioscience (Human Disease and Therapy)	Merit	2010-2011
S.R.M College, University of Madras, India	BSc Biotechnology	Distinction	2007-2010
Indian School Ajman, U.A.E	Senior School Certificate Examination	Distinction	2007
Indian School Ajman, U.A.E	Secondary School Examination	Distinction	2005

SKILLS

- **Molecular Biology and Genetics**
Polymerase Chain Reaction (PCR), Multiplex Ligation-dependent Probe Amplification (MLPA), Immunofluorescence, Genotyping, Constant Field Gel electrophoresis
- **Biochemistry**
Western blotting, Chemiluminescence, Spectrophotometry

- **Cell Culture**
Different types of cancer cell lines and normal fibroblast cell line maintenance, transfection, invitro cytotoxicity assay, cell migration assay, cell cycle and apoptosis assay.
- **Instruments Handling**
Automatic wes system, Flow cytometry, Varioskan ELISA Reader
- **General Packages/ Softwares:** GraphPad Prism, Image J, Image lab and Microsoft office.

ACHIEVEMENTS

- Pastor's recognition award, 2012, Redeemed Christian Church of GOD, Power Connection Parish, Leeds, U.K
- Best poster award, Biological science department, University of Leeds, U.K, 2011
- Ranked in top twenty, Madras University, 2010
- Second prize, Intercollege model exhibition, Science City, Government of Tamilnadu, India, 2009
- Poster presentation on Global Warming, National Conference, VELS College, Chennai, India, 2008

WORK EXPERIENCE

Position	Organisation	Year
Research Assistant	Sharjah Institute for Medical Research, University of Sharjah, U.A.E	2014- Current
Visiting Research Assistant (Voluntary)	Institute of Membrane and Systems Biology, University of Leeds, UK	2013 (3 months)
Research Technician (Voluntary)	Gastrointestinal cancer in Section of Pathology and Tumour Biology, St. James University Hospital, Leeds, UK	2013 (6 months)
Research Technician (Voluntary)	Section of Epidemiology & Biostatistics, St. James University Hospital, Leeds, UK	2012 (6 months)

PUBLICATIONS

- 1) R.A. El-Awady, M.H. Semreen, M.M. Saber-Ayad, F. Cyprian, **V. Menon**, T.H. Al-Tel, Modulation of DNA damage response and induction of apoptosis mediates synergism between doxorubicin and a new imidazopyridine derivative in breast and lung cancer cells, *DNA Repair*, 37 (2016) 1-11.
- 2) A.N.S. Silva, J. Coffa, **V. Menon**, L.C. Hewitt, K. Das, Y. Miyagi, D. Bottomley, H. Slaney, T. Aoyama, W. Mueller, T. Arai, I.B. Tan, N. Deng, X.B. Chan, P. Tan, A. Tsuburaya, K. Sakamaki, J.D. Hayden, T. Yoshikawa, I. Zondervan, S. Savola, H.I. Grabsch, Frequent Coamplification of Receptor Tyrosine Kinase and Downstream Signaling Genes in Japanese Primary Gastric Cancer and Conversion in Matched Lymph Node Metastasis, *Annals of surgery*, 267 (2018) 114-121.
- 3) C.G. Vazhappilly, E. Saleh, W. Ramadan, **V. Menon**, A.M. Al-Azawi, H. Tarazi, H. Abdu-Allah, A.N. El-Shorbagi, R. El-Awady, Inhibition of SHP2 by new compounds induces differential effects on RAS/RAF/ERK and PI3K/AKT pathways in different cancer cell types, *Investigational new drugs*, (2018).
- 4) V.C. George, S.A. Ansari, V.S. Chelakkot, A.L. Chelakkot, C. Chelakkot, **V. Menon**, W. Ramadan, K.R. Ethiraj, R. El-Awady, T. Mantso, M. Mitsiogianni, M.I. Panagiotidis, G. Dellaire, H.P. Vasantha Rupasinghe, DNA-dependent protein kinase: Epigenetic alterations and the role in genomic stability of cancer, *Mutation Research/Reviews in Mutation Research*, (2018).
- 5) W.S. Ramadan, C.G. Vazhappilly, E.M. Saleh, **V. Menon**, A.M. AlAzawi, A.T. El-Serafi, W. Mansour, R. El-Awady, Interplay between Epigenetics, Expression of Estrogen Receptor- alpha, HER2/ERBB2 and Sensitivity of Triple Negative Breast Cancer Cells to Hormonal Therapy, *Cancers*, 11 (2018).
- 6) C.G. Vazhappilly, S.A. Ansari, R. Al-Jaleeli, A.M. Al-Azawi, W.S. Ramadan, **V. Menon**, R. Hodeify, S.S. Siddiqui, M. Merheb, R. Matar, R. Radhakrishnan, Role of flavonoids in thrombotic, cardiovascular, and inflammatory diseases, *Inflammopharmacology*, (2019).
- 7) W. S Ramadan, E.M. Saleh, **V. Menon**, C.G. Vazhappilly, H.H.M. Abdu-Allah, A.-N.A. El-Shorbagi, W. Mansour, R. El-Awady, Induction of DNA damage, apoptosis and cell cycle perturbation mediate cytotoxic activity of new 5-aminosalicylate–4-thiazolinone hybrid derivatives, *Biomedicine & Pharmacotherapy*, 131 (2020) 110571
- 8) S.A. Elseginy, R. Hamdy, **V. Menon**, A.M. Almehdi, R. El-Awady, S. Soliman, Design, synthesis, and computational validation of novel compounds

selectively targeting HER2-expressing breast cancer, *Bioorganic & Medicinal Chemistry Letters*, (2020) 127658