

**Dr. MEHRAJ-UD-DIN BHAT(Ph.D Biochemistry from National Institute of Nutrition**(Osmania University,Hyderabad, India.**)**

**Specialiastion:** Clinical Biochemistry

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**Interest**: Teaching/Research

**Personal Profile :**

► Father's name: Ghulam Ahmad Bhat

► Date of birth: 14-07-1984

► Gender : Male

► Marital Status: **Married**

► Nationality: Indian

► Religion:Muslim

► Language: **Proficiency in English, Urdu, Arabic, Hindi, Kashmiri**.

**Teaching Experience**: 4year+

**Current Position:** Working as **Assistant Professor** at department of Clinical Biochemistry{GDC Handwara} in the higher education department Govt. of Jammu & Kashmir**.**

**Academic Qualifications:**

* **Postdoctoral fellowship:** University of South Australia, Adelaide, Australia (2017-18)
* **PhD** **Biochemistry**(March,2015) from Dept. of Endocrinology & Metabolism, **National Institute of Nutrition**[Osmania University],Hyderabad, India.
* **Master of Science (MSc), Clinical Biochemistry[Medical Biochemistry)**, University of Kashmir, Srinagar, Kashmir, India, 2008. -1st Division**(72.20%).**
* **Bachelor of Science (BSc.MLT), Sheri Kashmir Institute Of Medical Sciences(SKIMS)**, Soura, Srinagar. 1st Division. **(61.07%).**
* Pre University (12th) in Science, JKBOSE -1st Division. **(68.34%).**
* Matriculation (10th), JKBOSE -1st division **(70.36%)**

**Awards and honours:**

* **Nutrition Investigator Award: At “12th Asian Congress of Nutrition”** Conference held from 14-18th May,2015, **Yokohama, Japan.**
* **Young Investigator Award with full travel Bursary:** At **“Vitamin D And Human Health:From Gamete to the Grave”** Conference held from 23rd-25th April,2014 at **Queen Mary Unversity, London.**
* **International Travel Award:** Awarded DBT(Department of Biotechnology ,Govt. of India) Travel grant to attend “**5th Annual Ubiquitin Drug Discovery and diagnostics Conference”** held at **Philadelphia, PA, USA**, during July 22-24,2013.

**Publications:**

* Vitamin D Deficiency Induced Muscle Wasting Occurs through the Ubiquitin Proteasome Pathway and Is Partially Corrected by Calcium in Male Rats. [**Mehrajuddin Bhat**](http://press.endocrine.org/action/doSearch?text1=Bhat%2C+M&field1=Contrib), [Ramesh Kalam](http://press.endocrine.org/action/doSearch?text1=Kalam%2C+R&field1=Contrib),[Syed SYH Qadri](http://press.endocrine.org/action/doSearch?text1=Qadri%2C+S+S&field1=Contrib),[Seshacharyulu Madabushi](http://press.endocrine.org/action/doSearch?text1=Madabushi%2C+S&field1=Contrib), and [Ayesha Ismail](http://press.endocrine.org/action/doSearch?text1=Ismail%2C+A&field1=Contrib).[**Endocrinology.**](http://www.ncbi.nlm.nih.gov/pubmed/23928374) 2013 Nov;154(11):4018-29,( PMID:23928374).**(IF=5.0).**
* Vitamin D deficiency decreases adiposity and causes altered expression of uncoupling proteins and steroid receptor coactivator3.[**Mehrajuddin Bhat**](http://press.endocrine.org/action/doSearch?text1=Bhat%2C+M&field1=Contrib),N.Bindu,[Syed SYH Qadri](http://press.endocrine.org/action/doSearch?text1=Qadri%2C+S+S&field1=Contrib),Ayesha Ismail(**J Steroid Biochem and Mol Biology 2014 Aug 14 ;** Volume144,Part B,October2014,Pages304–312 (PMID:25132457). **(IF=4.078).**
* Muscle Atrophy Induced by Vitamin D deficiency is Associated with Increased Oxidative Stress in the Rat Muscle. **Mehrajuddin Bhat** ,Ayesha Ismail.( **J Steroid Biochem Mol Biol.** 2015 Jun 3;152:171-179. doi: 10.1016/j.jsbmb.2015.05.012.).**(IF=4.078)**
* Proteasome Inhibitory Potential of Commonly Consumed Dietary Ingredients.Ayesha Ismail,Bindu Noolu,Shulagna Sharma,Chandana Madakasira,**Mehrajuddin Bhat**,Manchala Raghunath.**Int.J of Food & Nutrition Science(IF=1.2)** ,vol 1,p27-31,2012.
* In vivo inhibition of proteasome activity and tumor growth by Murraya koenigii leaf extract in breast cancer xenografts.Bindu Noolu; **Mehrajuddin  Bhat**; Syed SYH Qadri; V Sudhakar Reddy; G Bhanuprakash Reddy; Ayesha Ismail(**Communicated**).

**Abstract Published:** “The Ubiquitin Proteasome Pathway is upregulated during Vitamin D deficiency induced Muscle Atrophy”: Report on a meeting held at Queen Mary University of London, 23rd–25th April 2014. **Nutrients** **2014**, 6(7), 2759-2919; doi:10.3390/nu6072759(Pg No.85-86).**Mehrajuddin Bhat** ,Syed SYH Qadri, Ayesha Ismail.**(IF=3.1)**

**Conferences and Papers presented:**

* 12th Asian Congress of Nutrition”Conference held from 14-18th May,2015, **Yokohama,Japan. Mehrajuddin Bhat** and Ayesha ismail**(Poster).**
* “Vitamin D And Human Health:From Gamete to the Grave” Conference held from 23rd-25th April,2014 at **Queen Mary Unversity London**.**Mehrajuddin Bhat**,Syed Quadri SYH,Ayesha ismail**.(Poster)**
* “The Ubiquitin Proteasome Pathway is upregulated during Vitamin D deficiency induced Muscle Atrophy” **5th Annual Ubiquitin Drug Discovery and diagnostics Conference”** held at **Philadelphia,PA,USA** during July 22-24,2013,**Mehrajuddin Bhat** Syed Quadri SYH,Ayesha ismail.**(Poster)**
* **Presentation:“ The Ubiquitin Proteasome Pathway is Upregulated During Vitamin D Deficiency Induced Muscle Atrophy”**At 45th Annual NSI(Nutritional society of India) meeting held from 20th-22th Nov 2013,at National Institute of Nutrition,Jamai Osmania,Hyderabad,India**(Oral)**.
* Vitamin-D deficiency induced muscle protein degradation occurs through Ubiquitin Proteasome Pathway,**15th** **Annual Vitamin-D workshop and conference**, **Houston,Texas,USA,2012,** Ayesha Ismail and **Mehrajuddin Bhat.(Poster)**
* ‘Calcium alone can partially correct the vitamin D deficiency induced muscle atrophy’ **81st Annual Meeting of Society of Biological Chemists (India),Kolkata,2012,Mehrajuddin Bhat,** Ayesha Ismail.**(Poster).**