

CURRICULUM VITAE

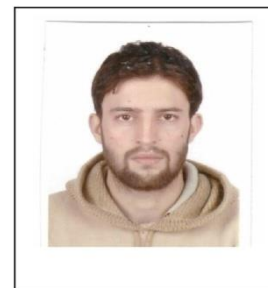
Personal Details

Name Raja Amir Hassan

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Academic Qualification

<u>Degree</u>	<u>Year</u>	<u>Subject</u>	<u>University/Institution</u>	<u>% of marks</u>
Ph.D	2013	Biochemistry	Panjab University, Chandigarh	Awarded
M.Sc	2007	Biochemistry	Aligarh Muslim University	74.6
B.Sc	2005	Biochemistry	Kashmir University	63.6
12 th	2002	Science	JK BOSE (Tyndale Biscoe School)	80
CSIR NET-JRF	2008	Life Science	CSIR	Qualified

Ph.D Thesis

- *Intestinal lactase: Regulation of expression and role of single nucleotide polymorphisms (SNP's) associated with LCT gene in hypolactasia among Indian population*

Publications

- **Raja A.H Kuchay** (2016). A review of complementary therapies for chemotherapy induced gastrointestinal mucositis. *Drug Discoveries & Therapeutics*. (Advance Publication) DOI: 10.5582/ddt.2016.01059 (ISSN: 1881-7831; Indexed; International)
- R. Abila, **Raja A.H. Kuchay** (2016). A review on phytopharmacological potentials of *Juniperus recurva*. *Journal of Experimental and Integrative Medicine* 6(2): 93-97 (ISSN: 1309-4572; Indexed; International)
- **Raja A.H Kuchay**, B.R.Thapa, A. Mahmood, S. Mahmood (2015). Screening for lactase persistence associated genotypes in cattle domestication groups of northern India. *Mediterranean Journal of Nutrition and Metabolism* 8:61–66 (ISSN: 1973-798X; Indexed; International)
- **Raja A.H Kuchay**, B.R.Thapa, A. Mahmood, M. Anwar, S. Mahmood (2015). Lactase genetic polymorphisms and celiac disease in children: a cohort study. *Annals of Human Biology* 42(1): 101–104 (ISSN: 0301-4460; Indexed; International)
- **Raja A.H. Kuchay**, A. Bhatia, A. Mahmood, M. Anwar, S. Mahmood (2015). Brush border enzyme activity and expression of apoptotic marker genes in lycopene fed rats with 5-Fu induced gastrointestinal mucositis. *Nutrition and Ageing* 3:1–8 (ISSN: 1879-7717; Indexed; International)
- **Raja A.H Kuchay**, M. Anwar, B.R.Thapa, A. Mahmood, S. Mahmood (2013). Correlation of G/A -22018 single-nucleotide polymorphism with lactase activity and its usefulness in improving the diagnosis of adult-type hypolactasia among North Indian children. *Genes and Nutrition* 8(1):145-51 (ISSN: 1555-8932; Indexed; International)

- **Raja A.H.Kuchay**, A. Mahmood, S. Mahmood (2012). Adult-type hypolactasia: A genetic perspective. *Journal of Pediatric Biochemistry* 2:143-151 (ISSN 1879-5390; Indexed; International)
- **Raja A.H Kuchay**, B.R.Thapa, A. Mahmood, S. Mahmood (2011). Effect of C/T -13910 *cis*-acting regulatory variant on expression and activity of lactase in Indian children and its implication for early genetic screening of adult-type hypolactasia. *Clinica Chimica Acta* 412:1924-1930 (ISSN: 0009-8981; Indexed; International)
- S.T. Salam, **R. Amir**, S.Mahmood (2009). Epigenetic relevance to complex diseases. *Bull.Med.Edu.& Res.* 43(2):88-96 (ISSN 0302-2404; Non-Indexed; National)

Fellowships and Awards

- Qualified National Eligibility Test (**NET**) for the award of Junior Research Fellowship (**JRF**) and Lectureship conducted by University Grants Commission (India) in December 2007
- Awarded **UGC Start Up Research Grant** for project entitled “Molecular mechanisms mediating protective effect of *Mentha longifolia* and *Mentha arvensis* against chemotherapy induced gastrointestinal mucositis in animal models”
- Qualified IELTS examination with an overall band of 7.5 with no less than 7.0 band in Reading, Writing, Listening and Speaking components
- Awarded travel grant by DBT, India for attending the *EMBO Workshop* held at **Jerusalem, Israel**

- Awarded travel grant by ICMR, India for attending the 3rd EMBO Conference held at **Austria, Vienna**
- Awarded PG merit scholarship at Aligarh Muslim University for session 2005-2006
- Award for best paper presentation at 20th Annual Conference of Pediatric Gastroenterology, Hepatology & Nutrition held at PGIMER, Chandigarh from 1st -3rd October 2010
- Reviewer Annals of Clinical Biochemistry, official journal of the Association for Clinical Biochemistry and Laboratory Medicine, UK

Conferences and Workshops (Outside India)

- *EMBO Workshop on 'Regulation of Aging and Proteostasis'* February 15th -20th, 2015 at **Jerusalem, Israel**
- The 3rd EMBO Meeting held at **Vienna, Austria** from 10th to 13th September, 2011

Conferences and Workshops (India)

- *World Congress on Drug Discovery and Development 2016* held from 23rd-25th November, 2016 at Bengaluru, India.
- *20th Annual Conference of Pediatric Gastroenterology, Hepatology & Nutrition* held at PGIMER, Chandigarh from 1st to 3rd October, 2010
- *International Conference on Understanding & Managing Pathogenic Microbes* held at Institute of Microbial

Technology, India from 22nd to 24th January, 2010

- Symposium on *Intellectual Property Rights (IPR) in Biomedical Research* held at PGIMER, Chandigarh on 21st October, 2010
- *National Symposium on Animal Remodeling: From Laboratory to Clinic* held at PGIMER, Chandigarh on 3rd October, 2009
- *Joint meeting of International Society of Heart Research* held at PGIMER, Chandigarh from 29th February to 2nd March, 2008

Teaching and Research Experience

<u>S.No</u>	<u>Position</u>	<u>University/Institute</u>	<u>From</u>	<u>To</u>
1	Assistant Professor	BGSBU (Department of Biotechnology, CBS)	20/08/2014	Present
2	Lecturer	University of Kashmir (Department of Clinical Biochemistry)	26/04/2014	19/08/2014
3	Lecturer	University of Kashmir (Department of Clinical Biochemistry)	01/07/2013	31/12/2013
4	Junior Research Fellow	PGIMER, Chandigarh	01/12/2007	01/11/2008

Research Interests

- Human Genetics; Clinical Biochemistry; Gastrointestinal and Psychiatric Disorders

Ongoing Research:

- Molecular mechanisms mediating protective effect of *Mentha longifolia* and *Mentha arvensis* against chemotherapy induced gastrointestinal mucositis in animal models (**Funded by UGC, India**)

Research Experience

- Junior Research Fellow (December 2007-November 2008) on research project entitled "*Molecular mechanism of intestinal injury due to radiation and chemotherapy and its protection by antioxidants in animal models*" at PGIMER, Chandigarh
- Also assisted in research projects entitled "*Study of β -catenin (CTNNB1) gene mutations in colorectal cancer among north Indian subjects*" and "*Site of action of shiga toxin on intestinal epithelial functions beyond their expression level*" at PGIMER, Chandigarh
- Ph.D thesis (November 2008-November 2012) entitled "*Intestinal lactase: Regulation of expression and role of single nucleotide polymorphisms (SNP"s) associated with LCT gene in hypolactasia among Indian population*" at PGIMER, Chandigarh
- M.Sc. dissertation (July 2006 - May 2007) entitled "*Purification and partial characterization of thiol protease Inhibitor (cystatin) from Phaseolus vulgaris (Rajma) seeds*" at AMU, Aligarh

Raja Amir Hassan