

Faculty	Collaborators	Institute	Years
Prof. Shajrul Amin	Dr.Shariq Masoodi	Deptt of Endocrinology,SKIMS	2019-24
Prof. Shajrul Amin	Dr.Showkat A Ganie	Deptt of Clinical Biochemistry, KU	2019-24
Prof. Shajrul Amin	Dr.K.M. Fazili	Deptt of Biotechnology, KU	2019-24
Prof. Shajrul Amin	Dr Syed Mudasir Andrabi	Division of Biotechnology, Faculty of Veterinary Sciences and Animal Husbandry, SKAUST	2021-22
Prof. Shajrul Amin	Dr.M.Ashraf Ganie	Deptt of Endocrinology,SKIMS	2019-24
Prof. Shajrul Amin	Dr. Sabiya Majid	Deptt of Biochemistry, GMC,Srg	2019-24
Prof. Shajrul Amin	Dr. Farhat Jabeen	Department of Obstetrics and Gynecology, GMC, LD Hospital, Srinagar	2019-24
Prof. Shajrul Amin	Dr. Syeed Masuma Rizvi	Department of Obstetrics and Gynecology, GMC, LD Hospital, Srinagar	2019-24
Prof. Nazir A Dar	Dr Paolo Boffetta	The Tisch Cancer Institute, Mount Sinai School of Medicine, New York	2019
Prof. Nazir A Dar	Dr Francesco Fazio	Department of Veterinary Sciences, Polo Universitario Annunziata, University of Messina	2019
Prof. Nazir A Dar	Dr.Imitiyaz Ahmad	Deptt of Zoology, KU	2019-24
Prof. Nazir A Dar	Dr.Muneeb ur Rehman	King Suad University	2019-24
Prof. Nazir A Dar	Dr.Sawarkar Sharma	Mata Vaisno Devi University	2019-24
Prof. Nazir A Dar	Dr.Malik Tariq Rasool	SKIMS	2019-24
Dr. Shaida Andrabi	Dr.Thomas M Roberts	Harvard Med School	2019-24
Dr. Shaida Andrabi	Dr.Jonathan Higgins	New Castle University UK	2019-24
Dr. Shaida Andrabi	Dr.G. Adalmant	Dana Farber Cancer Institute	2019-24
Dr. Shaida Andrabi	Dr.JA Marto	Briham and Womens Hospital	2019-24
Dr. Ashraf Dar	Dr.Dhaneswar Prusty	Central University of Rajasthan	2019-24
Dr. Ashraf Dar	Dr.G.N Bader	Deptt of Pharmacy , KU	2019-24



> Int J Endocrinol. 2021 Dec 6:2021:7522487. doi: 10.1155/2021/7522487. eCollection 2021.

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## Clinical Manifestations of Hyperandrogenism and Ovulatory Dysfunction Are Not Associated with His1058 C/T SNP (rs1799817) Polymorphism of Insulin Receptor Gene Tyrosine Kinase Domain in Kashmiri Women with PCOS

Shayaq Ul Abeer Rasool<sup>1</sup>, Sairish Ashraf<sup>2</sup>, Mudasar Nabi<sup>2</sup>, Shariq R Masoodi<sup>3</sup>, Khalid M Fazili<sup>1</sup>, Shajrul Amin<sup>2</sup>

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> J Inflamm Res. 2020 Nov 2:13:829-845. doi: 10.2147/JIR.S272539. eCollection 2020.

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## Active *Cousinia thomsonii* Extracts Modulate Expression of Crucial Proinflammatory Mediators/Cytokines and NFκB Cascade in Lipopolysaccharide-Induced Albino Wistar Rat Model

Khalid Bashir Dar<sup>1</sup>, Ishfaq Shafi Khan<sup>2</sup>, Shajrul Amin<sup>1</sup>, Aijaz Hassan Ganie<sup>3</sup>, Aashiq Hussain Bhat<sup>4</sup>, Showkat Ahmad Dar<sup>5</sup>, Bilal Ahmad Reshi<sup>6</sup>, Showkat Ahmad Ganie<sup>1</sup>

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PMID: 33173324 PMCID: PMC7646511 DOI: 10.2147/JIR.S272539

> [Diabetes Metab Syndr.](#) 2019 May-Jun;13(3):2098-2105. doi: 10.1016/j.dsx.2019.05.003.  
Epub 2019 May 7.

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## Elevated fasting insulin is associated with cardiovascular and metabolic risk in women with polycystic ovary syndrome

Shayaq Ul Abeer Rasool <sup>1</sup>, Sairish Ashraf <sup>2</sup>, Mudasar Nabi <sup>3</sup>, Fouzia Rashid <sup>4</sup>, Khalid Majid Fazili <sup>5</sup>, Shajrul Amin <sup>6</sup>

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PMID: 31235143 DOI: 10.1016/j.dsx.2019.05.003

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### Abstract

> [Endocrine.](#) 2022 Feb;75(2):614-622. doi: 10.1007/s12020-021-02894-9. Epub 2021 Oct 5.

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## Androgen receptor coregulator long noncoding RNA CTBP1-AS is associated with polycystic ovary syndrome in Kashmiri women

Mudasar Nabi <sup>1</sup>, Syed Mudasir Andrabi <sup>2</sup>, Shayaq Ul Abeer Rasool <sup>3</sup>, Sairish Ashraf <sup>1</sup>, Imran Majid <sup>4</sup>, Shajrul Amin <sup>5</sup>

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PMID: 34611799 DOI: 10.1007/s12020-021-02894-9

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### Abstract

**Objective:** Polycystic ovary syndrome (PCOS) is one of the most common reproductive, endocrine,

> [Gynecol Endocrinol.](#) 2021 Mar;37(3):230-234. doi: 10.1080/09513590.2020.1770724.  
Epub 2020 May 27.

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## CYP17 gene polymorphic sequence variation is associated with hyperandrogenism in Kashmiri women with polycystic ovarian syndrome

Sairish Ashraf<sup>1</sup>, Shayaq Ul Abeer Rasool<sup>2</sup>, Mudasar Nabi<sup>1</sup>, Mohd Ashraf Ganie<sup>3</sup>, Farhat Jabeen<sup>4</sup>, Fouzia Rashid<sup>5</sup>, Shajrul Amin<sup>1</sup>

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### Affiliations

1 Department of Biochemistry, University of Kashmir, Srinagar, India.

> [Eur J Cancer Prev.](#) 2019 Mar;28(2):68-75. doi: 10.1097/CEJ.0000000000000485.

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## Impact of catechol-O-methyltransferase gene variants on methylation status of P16 and MGMT genes and their downregulation in colorectal cancer

Hilal A Wani<sup>1</sup>, Sabhiya Majid<sup>1</sup>, Arif A Bhat<sup>1</sup>, Shajrul Amin<sup>1</sup>, Rabia Farooq<sup>1</sup>, Showkat A Bhat<sup>1</sup>, Nissar A Naikoo<sup>1</sup>, Mushtaq A Beigh<sup>2</sup>, Showkat A Kadla<sup>3</sup>

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### Affiliations

- 1 Departments of Biochemistry.
- 2 Biotechnology, University of Kashmir, Srinagar.
- 3 Gastroenterology, Government Medical College Srinagar.

> *Diabetes Metab Syndr.* 2019 May-Jun;13(3):1957-1961. doi: 10.1016/j.dsx.2019.04.032.  
Epub 2019 Apr 23.

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## Evaluation of antioxidant defense markers in relation to hormonal and insulin parameters in women with polycystic ovary syndrome (PCOS): A case-control study

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Qudsia Fatima <sup>1</sup>, Shajrul Amin <sup>2</sup>, Iram Ashaq Kawa <sup>1</sup>, Humira Jeelani <sup>1</sup>, Saika Manzoor <sup>1</sup>,  
Syeed Masuma Rizvi <sup>3</sup>, Fouzia Rashid <sup>4</sup>

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PMID: 31235121 DOI: 10.1016/j.dsx.2019.04.032

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### Abstract

**Aim:** Polycystic ovary syndrome (PCOS) is a composite heterogeneous condition with multifactorial etiology like genetic, environmental factors and oxidative stress. The exact pro-oxidant and antioxidant status in PCOS patients has not yet been fully established. We designed prospective study aimed to explore the association of PCOS and oxidative stress and examine the relationship of oxidative stress biomarkers with insulin parameters.

**Methods:** Two groups were included: study group including 85 women with PCOS and control group

> *Sci Rep.* 2023 Jun 22;13(1):10134. doi: 10.1038/s41598-023-35646-y.

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nature portfolio



## LC-MS/MS based characterisation and differential expression of proteins in Himalayan snow trout, *Schizothorax labiatus* using LFQ technique

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Kousar Jan <sup>1</sup>, Imtiaz Ahmed <sup>2</sup>, Nazir Ahmad Dar <sup>3</sup>, Mohammad Abul Farah <sup>4</sup>, Fatin Raza Khan <sup>5</sup>,  
Basit Amin Shah <sup>6</sup>, Francesco Fazio <sup>7</sup>

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PMID: 37349327 PMCID: PMC10287682 DOI: 10.1038/s41598-023-35646-y

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> J Biomol Struct Dyn. 2023 Oct-Nov;41(18):8762-8781. doi: 10.1080/07391102.2022.2137241.  
Epub 2022 Oct 25.

## Insights into molecular docking and dynamics to reveal therapeutic potential of natural compounds against P53 protein

Bashir Ahmad Malla<sup>1</sup>, Aarif Ali<sup>2</sup>, Irfan Maqbool<sup>3</sup>, Nazir Ahmad Dar<sup>1</sup>, Sheikh Bilal Ahmad<sup>4</sup>, Rana M Alsaffar<sup>5</sup>, Muneeb U Rehman<sup>6</sup>

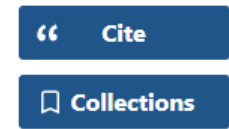
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PMID: 36281711 DOI: 10.1080/07391102.2022.2137241

### Abstract

P53 is eminent tumour suppressor protein that plays a prominent role in cell cycle arrest, DNA repair, senescence, differentiation and initiation of apoptosis. P53 is an attractive drug target and the high toxicity of some cancer chemotherapy drugs increase the demand for new anti-cancer drugs from natural products. In this current scenario, identification of promising anticancer compounds from natural sources by repurposing approach is still relevant for the early prevention and effective

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> J Cancer Res Ther. 2020 Dec;16(Supplement):S156-S159. doi: 10.4103/jcrt.JCRT\_613\_19.

## LRFN2 gene variant rs2494938 provides susceptibility to esophageal cancer in the population of Jammu and Kashmir

Ruchi Shah<sup>1</sup>, Varun Sharma<sup>1</sup>, Hemender Singh<sup>1</sup>, Indu Sharma<sup>1</sup>, Gulzar Ahmed Bhat<sup>2</sup>, Idrees Ayoub Shah<sup>2</sup>, Beenish Iqbal<sup>2</sup>, Rumisa Rafiq<sup>2</sup>, Najma Nissa<sup>2</sup>, Mansha Muzaffar<sup>2</sup>, Malik Tariq Rasool<sup>3</sup>, Ghulam Nabi Lone<sup>4</sup>, Sandeep Kaul<sup>5</sup>, Mohd Maqbool Lone<sup>3</sup>, Ekta Rai<sup>1</sup>, Nazir Ahmed Dar<sup>2</sup>, Swarkar Sharma<sup>1</sup>

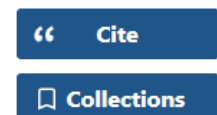
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PMID: 32880595 DOI: 10.4103/jcrt.JCRT\_613\_19

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Observational Study > J Gastrointest Cancer. 2021 Jun;52(2):696-700.

doi: 10.1007/s12029-020-00455-3.

## ABO Blood Group and the Risk of Esophageal Squamous Cell Carcinoma in Kashmir, a High Risk Region

Malik Tariq Rasool<sup>1</sup>, Ashfaq Hafiz<sup>2</sup>, Saqib Zaffar Banday<sup>3</sup>, Ishtiyaq Ahmad Dar<sup>2</sup>, Shareefa Akhter<sup>4</sup>, Mohd Zubair Qureshi<sup>5</sup>, Sajad Geelani<sup>6</sup>, Nazir Ahmad Dar<sup>7</sup>

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PMID: 32671566 DOI: 10.1007/s12029-020-00455-3

### Abstract

**Background:** ABO blood group has been linked with a number of diseases including cancer. Association of ABO blood type with esophageal squamous cell carcinoma (ESCC) has been sparsely reported and the results are inconsistent. We undertook this study to analyze if any association exists between the ABO and Rh blood groups and ESCC risk.

**Methods:** We conducted a hospital-based case control study to analyze ABO and Rh blood groups in patients with histologically proven diagnosis of ESCC and compared them with healthy donors from the same population. ABO and Rh blood group status of general population was obtained from the

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> J Cell Sci. 2022 Feb 1;135(3):jcs258831. doi: 10.1242/jcs.258831. Epub 2022 Feb 9.

## PCTAIRE1 promotes mitotic progression and resistance against antimitotic and apoptotic signals

Syed Qaaifah Gillani<sup>1</sup>, Irfana Reshi<sup>2</sup>, Nusrat Nabi<sup>1</sup>, Misbah Un Nisa<sup>1</sup>, Zarka Sarwar<sup>1</sup>, Sameer Bhat<sup>2</sup>, Thomas M Roberts<sup>3</sup>, Jonathan M G Higgins<sup>4</sup>, Shaida Andrabi<sup>1</sup>

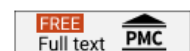
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PMID: 35044463 PMCID: PMC8918779 DOI: 10.1242/jcs.258831

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PCTAIRE1 (also known as CDK16) is a serine-threonine kinase implicated in physiological processes

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> J Cell Sci. 2022 Feb 1;135(3):jcs258831. doi: 10.1242/jcs.258831. Epub 2022 Feb 9.

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## PCTAIRE1 promotes mitotic progression and resistance against antimitotic and apoptotic signals

Syed Qaaifah Gillani <sup>1</sup>, Irfana Reshi <sup>2</sup>, Nusrat Nabi <sup>1</sup>, Misbah Un Nisa <sup>1</sup>, Zarka Sarwar <sup>1</sup>, Sameer Bhat <sup>2</sup>, Thomas M Roberts <sup>3</sup>, Jonathan M G Higgins <sup>4</sup>, Shaida Andrabi <sup>1</sup>

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PMID: 35044463 PMCID: PMC8918779 DOI: 10.1242/jcs.258831

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PCTAIRE1 (also known as CDK16) is a serine-threonine kinase implicated in physiological processes

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> J Biol Chem. 2022 Feb;298(2):101496. doi: 10.1016/j.jbc.2021.101496. Epub 2021 Dec 16.

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## Interaction of DBC1 with polyoma small T antigen promotes its degradation and negatively regulates tumorigenesis

Zarka Sarwar <sup>1</sup>, Nusrat Nabi <sup>1</sup>, Sameer Ahmed Bhat <sup>1</sup>, Syed Qaaifah Gillani <sup>1</sup>, Irfana Reshi <sup>1</sup>, Misbah Un Nisa <sup>1</sup>, Guillaume Adelmant <sup>2</sup>, Jarrod A Marto <sup>2</sup>, Shaida Andrabi <sup>3</sup>

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PMID: 34921839 PMCID: PMC8784333 DOI: 10.1016/j.jbc.2021.101496

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> J Biol Chem. 2022 Feb;298(2):101496. doi: 10.1016/j.jbc.2021.101496. Epub 2021 Dec 16.

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## Interaction of DBC1 with polyoma small T antigen promotes its degradation and negatively regulates tumorigenesis

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Zarka Sarwar<sup>1</sup>, Nusrat Nabi<sup>1</sup>, Sameer Ahmed Bhat<sup>1</sup>, Syed Qaaifah Gillani<sup>1</sup>, Irfana Reshi<sup>1</sup>, Misbah Un Nisa<sup>1</sup>, Guillaume Adelmant<sup>2</sup>, Jarrod A Marto<sup>2</sup>, Shaida Andrabi<sup>3</sup>

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PMID: 34921839 PMCID: PMC8784333 DOI: 10.1016/j.jbc.2021.101496

Review > Eur J Med Chem. 2024 Feb 5;265:116056. doi: 10.1016/j.ejmech.2023.116056.

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## Plasmodium falciparum topoisomerases: Emerging targets for anti-malarial therapy

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Ashraf Dar<sup>1</sup>, Priya Godara<sup>2</sup>, Dhaneswar Prusty<sup>2</sup>, Masarat Bashir<sup>3</sup>

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PMID: 38171145 DOI: 10.1016/j.ejmech.2023.116056

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Review > Pharmaceuticals (Basel). 2023 Jul 14;16(7):1004. doi: 10.3390/ph16071004.

## Exploring the mTOR Signalling Pathway and Its Inhibitory Scope in Cancer

Suhail Ahmad Mir <sup>1</sup>, Ashraf Dar <sup>2</sup>, Saad Ali Alshehri <sup>3</sup>, Shadma Wahab <sup>3</sup>, Laraibah Hamid <sup>4</sup>,  
Mohammad Ali Abdullah Almoyad <sup>5</sup>, Tabasum Ali <sup>1</sup>, Ghulam Nabi Bader <sup>1</sup>

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