



# Medical Teaching Institution Ayub Medical College Abbottabad

For Office use only

Proposal Identification  
Number

## Application for Research Grants 2018-19

**Title of Proposed Project:** \_\_\_\_\_

Major field (e.g. Pathology): \_\_\_\_\_

Minor Field (e.g. Genetics): \_\_\_\_\_

Total Funds Requested: \_\_\_\_\_

Proposed Duration of Project (in months): \_\_\_\_\_

Project Location: \_\_\_\_\_

Proposed Starting Date of Project: \_\_\_\_\_

Turnitin similarity index (%): \_\_\_\_\_

**Details of Principal Investigator (PI):**

Name: \_\_\_\_\_

Department: \_\_\_\_\_

Designation (BPS): \_\_\_\_\_

Status (Contract/Regular): \_\_\_\_\_

CNIC Number: \_\_\_\_\_

Domicile: \_\_\_\_\_

Email address: \_\_\_\_\_

Cell and Phone # : \_\_\_\_\_

Have you received any other project from any source Yes  No

If Yes:

Name of Project: \_\_\_\_\_

Grant amount: \_\_\_\_\_

Source: \_\_\_\_\_

Research Publication of. PI.

Total No. of publication in PubMed Journals: \_\_\_\_\_

No of publication in SCI Journals: \_\_\_\_\_

Total Impact Factor: \_\_\_\_\_

No of Publication in HEC/PMDC Indexed Journals: \_\_\_\_\_

**Details of Co-Principal Investigator (C0-PI):**

Name: \_\_\_\_\_

Department: \_\_\_\_\_

Designation (BPS): \_\_\_\_\_

Status (Contract/Regular): \_\_\_\_\_

CNIC Number: \_\_\_\_\_

Domicile: \_\_\_\_\_

Email address: \_\_\_\_\_

Cell and Phone # : \_\_\_\_\_

Have you received any other project from any source Yes  No

If Yes: \_\_\_\_\_

Name of Project: \_\_\_\_\_

Grant amount: \_\_\_\_\_

Source: \_\_\_\_\_

Research Publication of. Co-PI. \_\_\_\_\_

Total No. of publication in PubMed Journals: \_\_\_\_\_

No of publication in SCI Journals: \_\_\_\_\_

Total Impact Factor: \_\_\_\_\_

No of Publication in HEC/PMDC Indexed Journals: \_\_\_\_\_

## COVER SHEET FOR PROPOSAL

<b>A. Title of Proposed Project</b>		
<b>B. Domain of Proposed Research</b>		
B1. Basic Medical Sciences <input type="checkbox"/> B2. Clinical Sciences <input type="checkbox"/>		
<b>C. Field of Proposed Research and Specialization</b> [For example; Medicine/Pathology etc		
<b>C1. Major Field:</b>		
<b>C2. Minor Field (Specialization):</b>		
<b>D1. Project Location</b>		<b>D2. Total Fund Requested</b>
<b>E1. Proposed Duration of Project:</b> (in months)	<b>E2. Proposed Starting Date</b>	<b>E3. Proposed End Date</b>
<b>F. Details of Principal Investigator (PI):</b>		
<b>F1. Full Name of PI (First-Middle-Last)</b>		<b>F 2. Highest Degree</b>
		<b>F 3. Position/Title (BPS)</b>
<b>F 4. Department</b>	<b>F5. Unit</b>	<b>F 6. CNIC :</b>
		<b>F7. Domicile</b>
<b>F 8. Mailing Information</b>		
<b>a. Mailing Address:</b>	<b>b. Email:</b>	<b>c. Telephone:</b> (Area code, number and extension)
		Office:
		Mobile:
		Res:
<b>G. Details of Co-PI</b>		
<b>G1. Full Name of Co-PI (First-Middle-Last)</b>		<b>G2. Highest Degree</b>
		<b>G3. Position/Title (BPS)</b>
<b>G4. Department</b>	<b>G5. Unit</b>	<b>G6. CNIC :</b>
		<b>G7. Domicile</b>
<b>G8. Mailing Information</b>		
<b>a. Mailing Address:</b>	<b>b. Email:</b>	<b>c. Telephone:</b> (Area code, number and extension)
		Office:
		Mobile:
		Res:

**H. Declaration/Certificate:**

It is hereby certified that:

- a) Equipment(s) demanded for the subject project is / are not available in the Institute/Department/Unit.
- b) This project has not been submitted and /or funded by any other funding agency.
- c) Subject project is genuinely novel and that there is no plagiarized material including self-plagiarism.
- d) PI and Co-PI have never been blacklisted by any other funding agency.
- e) Host Department will provide complete support for the establishment & operation of this project.

**Signature of Principal Investigator**

**Signature of Co-Principal Investigator**

**Signature with Stamp of the Head of Department /Unit**

**Signature with Stamp of the Department Chairperson**

## PROJECT DETAILS

### 1. Project Summary (Describe the proposed research)

### 2. Proposed Goals/Objectives (Please identify quantifiable goals)

- If the proposed research is basic, please identify or postulate scientific hypothesis on which your proposed goal is based.
- If the proposed research is applied, please identify the output in the form of a product or process, need or relationship to health care delivery system and also identify the end-user of your output/ product.
- Principal investigator is encouraged to make preliminary inquiries with the proposed end user and attach any certificate/ document in support of the proposed research.

#### 2A. Hypothesis/Basis of Research

**2B. Goals/Objectives** (Please quantify your objectives. Moreover, describe how proposed research is relevant to national needs)

**2C. Identify end user/ beneficiary sector.**  
(Support letter to be attached)

**3. Introduction** (The introduction should consist of three paragraphs; the first paragraph indicating the scientific hypothesis and rationale on which the project is based, the second introducing the precise nature of the project, while the final paragraph highlighting the proposed objectives in the light of the first two paragraphs).

### 4. Justification for the research problem (Not more than two pages)

- **In case of basic research**, a comprehensive and up-to-date literature survey clearly highlighting the existing gaps and what new information will be added to the existing pool of knowledge.
- **In case of applied research**, identify the sector which will get benefit from the process/product.

- Justify how the proposed research will contribute to the provincial/national economy/social sector/health care delivery/treatment.
- The principal Investigator is encouraged to discuss the proposed research with the proposed beneficiary and attach supporting documentation.

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**4A. Research plan/ Methodology (Schedule/Phasing)**

**4B. References**

**5. Impact in Quantifiable Terms** (Impact of proposed research on health care delivery/treatment/teaching/training of manpower, institutional capacity building on economic development of national, regional and community development).

**6. Provincial Development Strategies** (How and which of the strategies will be addressed in this study? Justify how the proposed research will contribute to achieve the development strategies at institutional/local/provincial and national level.

**7. Collaborating organizations** (PI's are encouraged to collaborate with partner(s) within Pakistan or at international level):

- Identify complementarity and/or justify the need for collaboration.
- Clearly identify the part/s of research that will be carried out in the participating laboratory.
- Include a letter from collaborating partner/agency expressing willingness to collaborate. □ Mention cost sharing by collaborating institution/s.

**8. Facilities and funding**

**8A. Facilities** (Equipment available for the research project in the host Unit/Department/institution)

i.  
ii.  
iii

**8B. Facilities** (Additional Equipment required for the research project in the host Unit/Department/institution)

i) .  
ii)  
iii) .

**8C. Scientific Personnel**

- i) Available?
- ii) Required? (Engaging research students is encouraged)

**8D. Other funding available for the proposed studies (if any)**

**9. Principal Investigator** (In addition to the following information, also provide one-page summary of each research project completed, on-going or submitted)

Sr. #	Title of Project	Initiation date	Completion date	Amount(s) awarded	Funding source(s)
(attach one-page summary of each project)					

**9A. A Brief Resume of PI & Co-PI** (Personal information, Education and experience, Title of Thesis (MS/PhD), Teaching expertise, Professional memberships, List of Publications, Books Published, Research skills, other relevant facts, references, etc.)

(Please attach CV of PI and Co-PI)

**10. Estimated budget for the proposed research including essential equipment, experimental consumables with justification and quotations.**

**Note:** The budget is limited to the above items and no grants will be approved for travel, salaries, remuneration office equipment







**MEDICAL TEACHING INSTITUTION  
AYUB MEDICAL COLLEGE ABBOTTABAD  
KHYBER PAKHTUNKHWA**

**INSTRUCTIONS FOR APPLICANTS of the Research Grant 2018-19**

Research Grants proposals submitted will undergo a procedure of rigorous peer review by top experts in the field as per established international norms.

<b>Purpose and Nature</b>	<input type="checkbox"/> Research grants are awarded on competitive merit for high-level and promising scientific research projects to be carried out by the faculty of Ayub Medical College. The purpose of these grants is to promote scientific research in areas relevant to local/national needs.
<b>Duration</b>	<input type="checkbox"/> A research grant will preferably be given to short termed projects of 1 year duration however, there is no restriction on the lower limit.
<b>Process</b>	<input type="checkbox"/> The research proposals will undergo rigorous peer review by technical experts and institutional research committee  <input type="checkbox"/> The PI shall submit six monthly progress reports to the department. The Monitoring & Evaluation Committee will monitor the activities as per the timeline and phasing mentioned in the proposal.
<b>Agreement</b>	<p>Machinery and equipments purchased for the projects shall be property of the institution after successful completion of the project.</p> <p>The research output shall be a joint property of the PI/CoPI and Ayub Medical College as per intellectual Property Rights (IPR) rules.</p> <p>The PI/CoPI shall take practical steps for the practical implementation of the research output.</p> <input type="checkbox"/> The Project(s) will be cancelled, if PI is not following the terms & conditions of the execution of the project as recommended by the Technical Evaluation committee.

<b>Progress Report</b>	<ul style="list-style-type: none"> <li>□ PI is required to submit a short monthly, 6 monthly and annual progress report along with audited funds utilization report of the project within fifteen days of the completion of each period. Progress report should highlight major achievements during the reporting period and completion of targets/goals as envisaged in the Proposal.</li> <li>□ The final report stating the objectives/goals major achievements etc with financial statements shall be submitted to Office of the Associate Dean research</li> </ul>
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<b>Procedure to submit the proposal/ How to apply:</b>	<ul style="list-style-type: none"> <li>□ Applications should be submitted on '<b>Prescribed Form/Application Form</b>' which may be downloaded from AMC website (<a href="http://www.ayubmed.edu.pk">www.ayubmed.edu.pk</a>)</li> <li>Four (04) sets of hard copies along with soft copy of duly filled application forms must be submitted to JAMC Office on or before the due date.</li> <li>□ Ethical recommendations, if required, may be provided in the form of letter of clearance obtained from relevant Institutional Ethical Review Committee.</li> </ul>
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iii

<b>Guidelines</b>	<ul style="list-style-type: none"> <li>□ <b>Application will not be entertained if</b> <ul style="list-style-type: none"> <li>○ Incomplete</li> <li>○ Not Received on prescribed form</li> <li>○ Not received by on or before the due date.</li> <li>○ PI or Co-PI has been black listed by any funding agency.</li> <li>○ Application forms are not signed/countersigned/endorsed by head of Department/Unit/Department Chairperson and Dean.</li> <li>○ CV of PI or Co-PI are not attached.</li> <li>○ Quotations of required equipment are not attached.</li> <li>○ Report generated by <b>Turnitin</b> is not attached.</li> <li>○ A clearance certificate from Institutional Bioethics Committee (IBC) (if required) is not attached.</li> </ul> </li> </ul>
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