

# MMPME student Research Grant

**FEB 2022**

**Emad Magdy Shawky**  
Phase III Director MMPME



# 2<sup>nd</sup> Annual MMPME Research Day

*Academic year 2021-2022*



**Student Basic-Research Grant**

**Announcement**



## Call for proposals

- (**SUN 17 OCT.** – **SUN 7 NOV. 2021**)

## Announcement for the short-list of proposals selected to be interviewed

- (**WED 15 DEC. 2021**)

## Final Decision

- (**FEB 2022**)

# Terms and Conditions (Clear and detailed File will be within your reach)

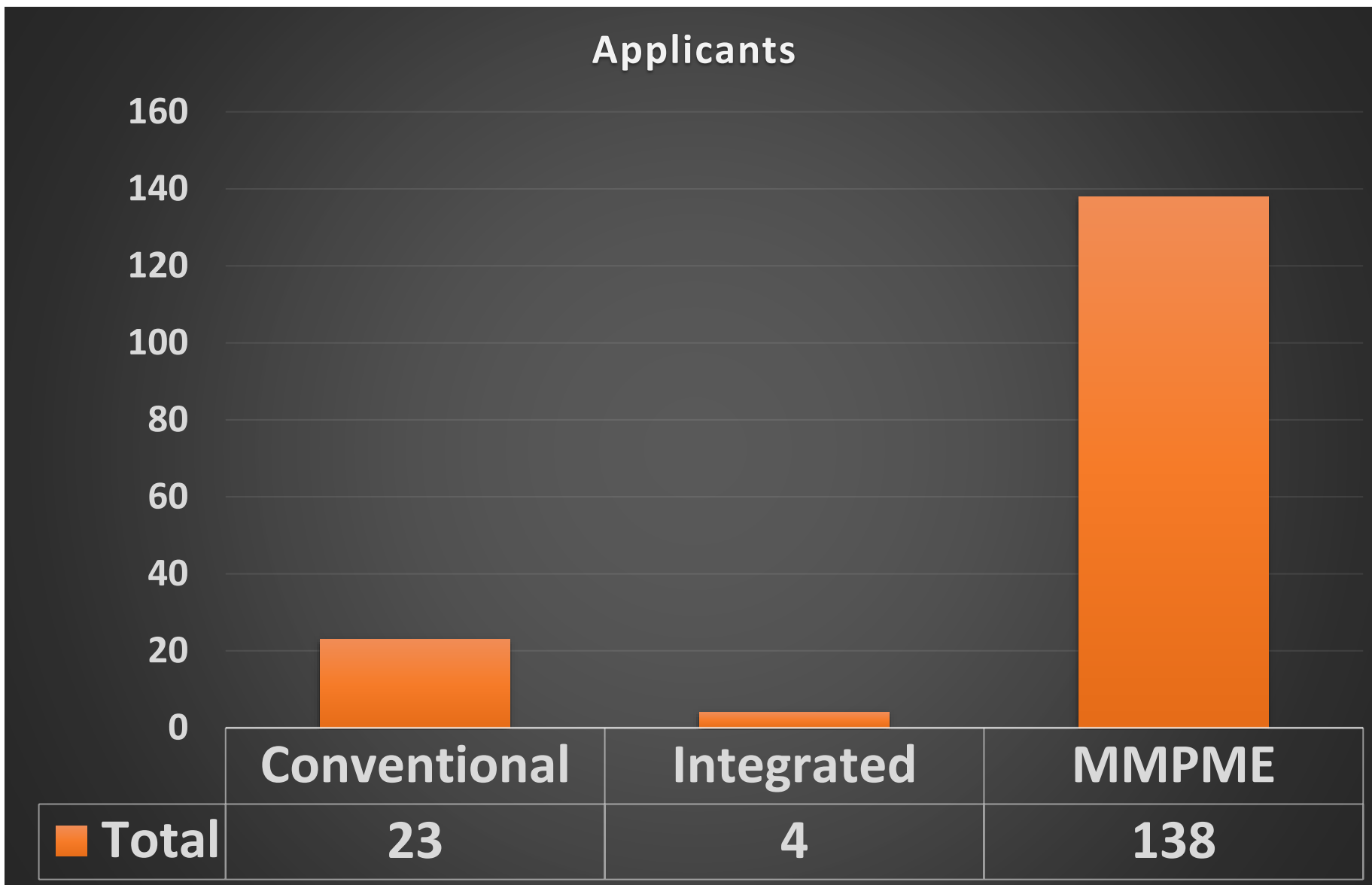
- The submitted proposals should be in the field of basic research that can benefit from the MERC facilities.
- **Team should involve at 5-10 Mansoura University students (Mix between the different programs of Mansoura Faculty of Medicine).**
- The last-Year winners from students and supervisors are not allowed to apply this year (eligible for the next call)
- **Faculty staff members can be involved as supervisors but not allowed to be PI or Co PI.**
- The maximum amount that can be applied for is 20,000 Egyptian pounds. Applications with budgets that exceed this amount will be rejected.

# Submission (Electronic) 3 Files

[mansoura-manchester@mans.edu.eg](mailto:mansoura-manchester@mans.edu.eg)

- 1- A proposal that is written with standards mentioned in the file of the grant terms and conditions. (**Anonymous- The team rules are just coded )**)
- 2- **File containing all the team members** (Names- Academic Year- The study program within the faculty- Contact information).
- 3- **CVs** of all members of the team and the supervisor

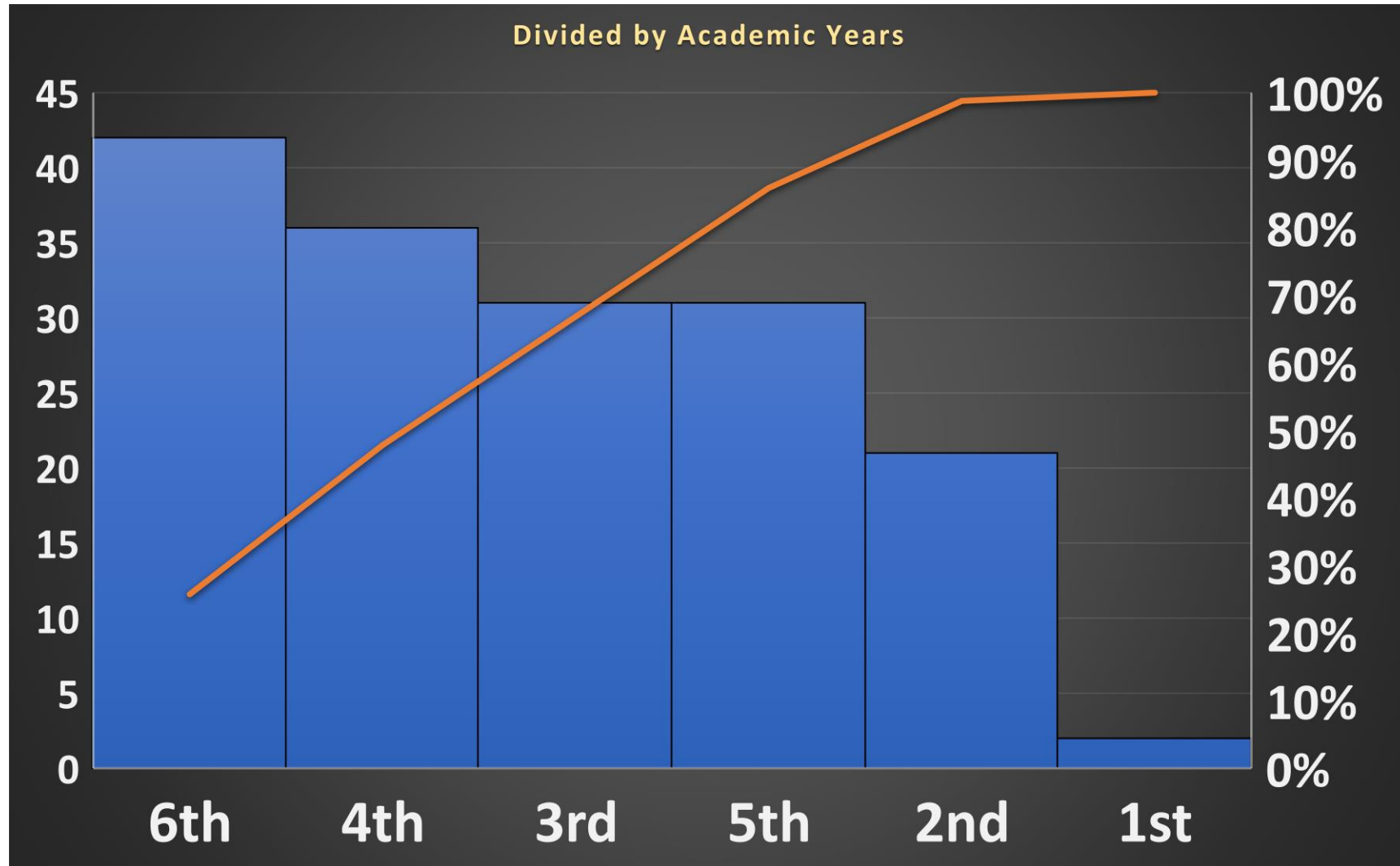
# Applicants

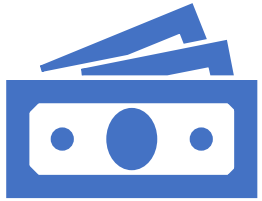


**19**  
**Teams**  
**165**  
**Students**

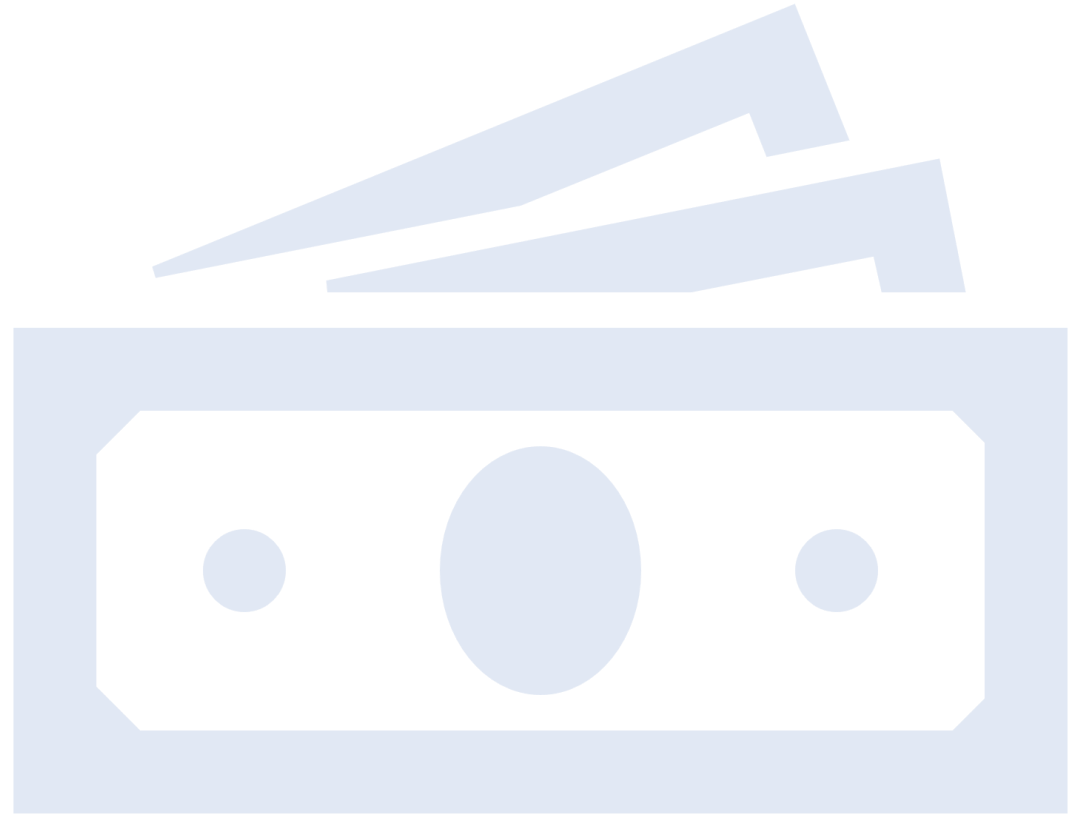
Last Year	
MMPME	79 (3 non-Egyptians included)
Conventional	13
Total	92
Faculty of Pharmacy	2

# Divided by Academic Year





Grant processing





## Proposals Evaluation

### 4 Steps

- 1- Desk Review & MERK feasibility
- 2- Reviewer Reports
- 3- Short-List interviews
- 4- Grant committee final decision

# Step 1

# Desk Revision

Prof. Bassem Awad

Dr. Emad Magdy

-1  
Proposal

# Step 2

## Reviewing Panel

2 Reviewers for each proposal

-8 Proposal

م	الاسم	الدرجة العلمية	القسم / التخصص
.1	محمد عهدي عطيه على سعد	أستاذ متفرغ	الفارماكولوجيا الاكلينيكية
.2	ريموندا حنا عساف	أستاذ متفرغ	الكيمياء الحيوية الطبية
.3	عبدالعزیز محمد محمد عبدالعزیز	أستاذ	الفسیولوجیا
.4	تامر محمد ابراهيم بلال	أستاذ	طب المخ و الأعصاب
.5	سلوى أبو الخير	أستاذ	الكيمياء الحيوية الطبية
.6	وجدي فوزي الكاشف	أستاذ مساعد	الباثولوجيا
.7	دينا عبد الله إبراهيم عطوه	أستاذ مساعد	الباثولوجيا
.8	رشا سمير طه شميمس	مدرس	أمراض الكلي
.9	سارة محمد الفراش	مدرس	الفسیولوجیا الطبية

Evaluation Report  
(Marked with Comments)

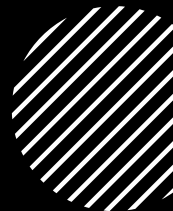
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- Project understanding
- Methodology
- Project Management





# UNDERSTANDING OF THE PROJECT



Is the proposal clearly explaining how the proposed research study will contribute to the body of knowledge in the field?



Is the review of literature sufficiently comprehensive and the major concepts identified and defined?



Is the problem clearly delineated with an appropriate rationale for using the chosen approach?



Is there a single, broad research question? More?



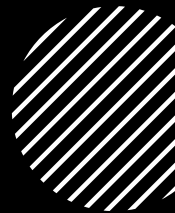
Is the scope of the question (s) manageable within the timeframe and context of the study?



Is the aim and outcomes are clearly stated?



# METHODOLOGY USED FOR THE PROJECT



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How well does the proposed methodology address each of the tasks identified in the Scope of Work?

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Are the data collection, processing and analysis methods appropriately delineated?

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Are the standards of sampling in this methodology adequately addressed and the potential characteristics of the sample outlined?

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How well does the proposed methodology address organizing, training, and conducting key benefits for students?



# PROJECT MANAGEMENT



Has the proposal clearly identified the project team members, the role of the primary investigator, and any investigator (s)?



How well does the time management plan support all the project requirements and logically lead to the appropriate outcomes?



Is the organization of the project team clear?



Is the budget complete and detailed?



Are the costs included in the budget directly related to completion of this project?

# Step 3

## Short listing

Based on the previous 2 steps and reviewers reports (the TOP marked)

SER	TITLE	PI & Supervisor						
1.	Could Rapamycin-Induced Autophagy Enhance Remyelination in Cuprizone-Mediated Multiple Sclerosis Model?	Abdelrahman Hesham	5.	Role of TRPV1 in Alzheimer's disease associated astrocytosis: A possible link with aquaporin 4 and sleep disturbance	Omar Wael Abd El Hamid	9.	Potential protective effect of carvedilol on diabetic retinopathy through inhibition of NLRP3 inflammasome	Asmaa ElSayed Ashour
		3rd year MMPME			2nd Year MMPME			3rd Year MMPME
		Dr Dalia Shaalan			Shereen Mohamed Samir El-Sherbeiny			Hossameldin Abdelmonem Elmaghawry Ebrahim Abouhish
2.	Monosodium Glutamate effect on the progression of rotenone-induced mouse model of Parkinson's Disease	Ali Hasan Maki Ahmed Ali	6.	The role of NMDA receptor antagonists, memantine in depression treatment in Type 1 diabetic rat model	Mohanned Mohsen Ibrahim	10	Can healthy lifestyle habits ameliorate cerebellar ataxia?: Role of Ginkgo biloba extract EGb 761 and muscular exercise	Pharmacology
		4th Year MMPME			6th Year MMPME			Raghad Mostafa Samak
		Mie Ali Ali Moham			Nanees Abdel-Badie Salem			6th Year MMPME
3.	Role of Cabergoline in alleviating the epigenetic changes of NR3C1 gene in Osteosarcopenic Adiposity in Chronic Stress Rat Model	Hager Gamal Mohamed ElKasabi	7.	Neuroprotective effects of febuxostat against traumatic brain injury induced by oxidative and inflammatory changes in mice	Pediatrics			Mona Hamdy Mohammad Askar
		2nd Year MMPME			Farah Mohamed Ezz Elregal			Physiology
		Hend Mohammed Hassan			5th Year MMPME			Marwa Elnagdy
4.	Effect of time restricted fasting and sulfasalazine combination on acetic acid-induced ulcerative colitis in rats	Eman Elsayed Ekalla	8.	Zinc oxide nanoparticles (ZnO NPs) effect on cancer colon progression and cisplatin resistance	Biochemistry			
		3rd year MMPME			Omar Khaled Farid Marei			
		Aya Ahmed Ahmed Mohammed El-Hanafy			4th Year MMPME			Mona El-Helaly El-Sherbeny
		Biochemistry			Biochemistry			

# Step 4

# Final Decision

**Dean of The Faculty- Vice Dean for Education and Student Affairs- Vice Dean for postgraduate studies and research- MMPME director- MERC administration- Phase III Director MMPME**

PI presentation, Discussion with  
the panel, MERC feasibility, Skills  
delivered to students

**Final Nomination**