Admission to the Doctoral School AMU – RESEARCH GRANTS

**Discipline: Biological sciences**

The 21st century is referred to as the "age of biology". Research in the area of biological sciences is developing very dynamically in many different directions, also at the interface with other areas of science. The Faculty of Biology at Adam Mickiewicz University is a flagship international research centre of the A+ category, with a leading position on the lists of beneficiaries of NCN, FNP, NCBiR grants. The Faculty conducts modern research in the field of biology, biotechnology, neurobiology, microbiology, hydrobiology, ecology, environmental protection and bioinformatics. New research directions are being developed in the field of regenerative medicine, gene therapy, genomics, molecular phylogenetics, evolutionary biology or bioacoustics. Multidirectional research issues provide many opportunities to create new approaches to solving research problems. Modern research infrastructure, combined with Morasko campus infrastructure, enables both basic and applied research. Extensive international cooperation and numerous research grants provide an attractive development environment for young researchers, improving communication skills and critical thinking necessary for a successful scientific career.

Details can be found at <http://biologia.amu.edu.pl>

1. **Admission**
   1. Submission of documents: Faculty of Biology, ul. Uniwersytetu Poznańskiego 6, second floor, room 2,146 in 10:00 - 14:00, contact person Agata Kołodziejska, MA, tel. 829 5808, [hogata@amu.edu.pl](mailto:hogata@amu.edu.pl)
2. **Admission fee**

The admission fee for the Doctoral School is PLN 200 or the equivalent in EURO.

The fee should be paid to the bank account:

IBAN: PL77 1090 1362 0000 0000 3601 7903

SWIFT: WBKPPLPPLPP

with a not on the transfer slip: admission fee to the Doctoral School - name and surname

1. **Required documents**
2. Doctoral candidates shall submit:
3. cover letter with an indication of the scientific discipline in which they would like to obtain the academic degree of *doktor*,
4. personal questionnaire whose specimen shall be prepared and made available by the Doctoral School,
5. CV with documented scientific and other achievements as indicated in the list of documents,
6. preliminary proposal of the research project (up to 8 pages of the standard typescript),
7. copy of the diploma of graduation from a higher education institution confirming that the second cycle degree has been obtained, and in the case of graduates completing their education in the academic year 2018/2019 a certificate of graduation confirming completion of second cycle education in the academic year 2018/2019. Beneficiaries of the Diamond Grant Program shall also submit the Minister's decision on the allocation of funds for the implementation of the research project,
8. the Diploma Supplement (in the case of two-cycle programs - from first-cycle and second-cycle programs),
9. 35 mm x 45 mm color photograph,
10. 20 x 25 mm color photograph, with a resolution of at least 300 dpi (on an electronic data medium),
11. consent to the processing of personal data for the purposes of the admission procedure,
12. confirmation of payment of the admission fee.
13. **Evaluation criteria**

The Admission Committee and selection teams shall make decisions on the admission of doctoral candidates on the basis of:

1. the grade awarded for the completion of the second cycle master’s degree program or one-cycle master's degree program and featured in the diploma – maximum 10 points,
2. evaluation of the candidate's current research work and scientific achievements on the basis of the CV and cover letter; doctoral candidates may indicate a maximum of three documented scientific achievements for evaluation – maximum 15 points,
3. other documented activities of the candidate supported with a maximum of three achievements indicated by the candidate – maximum 5 points,
4. the result of the interview; the interview shall cover:
5. the candidate's knowledge and competence relevant to the intended research and to the discipline covered,
6. the elements of the research methodology relevant to the discipline in question.

Maximum 50 points may be awarded for the interview; the maximum duration of the interview may be 30 minutes.

1. the preliminary proposal for the research project - maximum 20 points; the following will be evaluated in particular:
2. the ability to formulate the research aim and to present the research problem;
3. the novelty and originality of the research idea and the ability to propose a solution;
4. the methodology appropriate to the discipline in question;
5. knowledge of the state of research, including basic bibliography, relevant to the achievement of the stated research aims.

The maximum number of points which candidates may be awarded is 100. Only candidates who have been short listed and who have been awarded at least 60 points shall be admitted; the number of candidates admitted for the doctoral program of a given scientific discipline is limited and decided by the Admission Committee.

**According to Principles of admission to the Doctoral School of Adam Mickiewicz University, Poznań in the academic year 2019/2020**

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**2. Persons who have obtained the necessary education outside the territory of the Republic of Poland shall submit additionally:**

**1) scan of the document confirming their education (a copy) in the original language and a certified translation into, respectively, English or Polish, together with the supplement,**

**2) scan/copy of the passport.**

If you obtained your master diploma outside Poland please look here:

<https://nawa.gov.pl/en/recognition/recognition-for-academic-purposes/applying-for-admission-to-doctoral-studies>

<https://nawa.gov.pl/en/recognition/how-to-obtain-a-recognition-statement>

**LIST OF RESEARCH GRANTS:**

**1. OPUS 2017/25/B/NZ6/00642** - Sieci regulatorowe RNA jako nowe cele terapeutyczne w bakteriach lekoopornych - kierownik dr Marek Żywicki - *stanowisko doktorant: 1 os. 3500/mc; okres finansowania 36 mc*

<https://projekty.ncn.gov.pl/opisy/377197-pl.pdf>

2. **OPUS 2018/31/B/NZ8/00482** - Kompromis między sygnalizowaniem przynależności do gatunku i rozróżnianiem osobniczym u tropikalnych gołębi z rodzaju Turtur - kierownik prof. dr hab. Tomasz Osiejuk - *stanowisko doktorant: 1 os. 3000/mc; okres finansowania 36 mc*

[*https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-09-14/streszczenia/427093-pl.pdf*](https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-09-14/streszczenia/427093-pl.pdf)

3. **OPUS 2018/29/B/NZ8/00066** - Population-level consequences of social information use - kierownik drhab. Lechosław Kuczyński -*stanowisko doktorant: 1 os. 4500/mc; okres finansowania 36 miesięcy.*

[*https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-03-15/streszczenia/410684-pl.pdf*](https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-03-15/streszczenia/410684-pl.pdf)

4. **SONATA 2018/31/D/NZ8/00091**- Genomic consequences of artificial introduction, expansion and population replacement in the Trinidadian guppy - kierownik dr Mateusz Konczal -*stanowisko doktorant: 1 os.  4500/mc; okres finansowania 36 miesięcy*.

<https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-09-14/streszczenia/429731-pl.pdf>

5. **SONATA 2018/31/D/NZ8/01144** - Zrozumienie ewolucji inteligencji społecznej i komunikacji u dzikich naczelnych - kierownik dr Anna Ilona Roberts - *stanowisko doktorant: 1 os. 3000/mc; okres finansowania 36 miesięcy.*

[*https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-09-14/streszczenia/430105-pl.pdf*](https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-09-14/streszczenia/430105-pl.pdf)

6. **SONATA BIS 2017/26/E/NZ1/00548 -** Novel methods for efficient simulation of ligand transport in enzymes and their application- kierownik dr Jan Brezovsky -*stanowisko doktorant: 1 os. 3375/mc; okres finansowania36 miesięcy.*

[*https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2017-06-15/streszczenia/384020-pl.pdf*](https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2017-06-15/streszczenia/384020-pl.pdf)

7. **SONATA BIS 2018/30/E/NZ5/00065**- Reciprocal regulation of various dystrophin and utrophin isoforms during tissue differentiation and muscle regeneration - kierownik dr Patryk Konieczny - *stanowisko doktorant: 1 os. 3000/mc; okres finansowania 36 miesięcy.*

[*https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-06-15/streszczenia/417856-pl.pdf*](https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-06-15/streszczenia/417856-pl.pdf)

8. **SONATA BIS 2018/30/E/NZ9/00827 -**Epigenetyczne mechanizmy regulacji odpowiedzi roślin na indukowany ciemnością proces starzenia liścia jęczmienia jako nowe perspektywy w zwiększaniu tolerancji rośli uprawnych na stres **-**kierownik dr hab. Ewa Sobieszczuk-Nowicka –*stanowisko doktorant: 1 os. 4000/mc; okres finansowania 36 miesięcy.*

[*https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-06-15/streszczenia/420227-pl.pdf*](https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2018-06-15/streszczenia/420227-pl.pdf)