

**Lista beneficjentów konkursu na Minigranty ID.UJ dla pracowników Wydziału Biologii - 2022**

| LP | Beneficjent                         | Jednostka | Tytuł projektu  | Kwota dofinansowania [PLN] |
|----|-------------------------------------|-----------|---|----------------------------|
| 1  | Dr hab. P. Grzmil, prof. UJ         | IZiBB     | The analysis of expression of Ccdc33 gene in Pxt1 knockout males.   | 40000                      |
| 2  | Prof. dr hab. Z. Polański           | IZiBB     | Assessment of the level of DNA damage in the polar bodies of the mouse oocytes.   | 38000                      |
| 3  | Dr T. Prajsnar                      | IZiBB     | Quantification of changes in vascular integrity during bacterial infection in zebrafish larvae.                                   | 40000                      |
| 4  | Dr hab. G. Tylko, prof. UJ          | IZiBB     | Long-term <i>in vitro</i> cultures of differentiated pre-adipocytes – the role of substrate, oxygen and crowding substances.      | 40000                      |
| 5  | Prof. dr hab. Z. Setkowicz-Janeczko | IZiBB     | Effects of ketogenic diet on the brain response to injury.  | 40000                      |
| 6  | Dr K. Tomala                        | INoŚ      | The role of increased wild type allele expression and expression costs in evolution of dominance in yeast.                        | 37000                      |
| 7  | Dr hab. J. Karasiński               | IZiBB     | Isolation and preliminary characterization of CD146+ PDGFRβ+ cells from porcine uterus.   | 40000                      |
| 8  | Dr hab. A. Pajdak-Stós              | INoŚ      | Potential of rotifers in microplastics removal from the aquatic environment   | 19300                      |
| 9  | Prof. dr hab. W. Branicki           | IZiBB     | Moving DNA-based prediction of physical appearance in forensic and anthropological research to the genomic level.                 | 38000                      |
| 10 | Dr D. Kwolek                        | IB        | Studies on horizontal gene transfer in the holoparasitic plant <i>Orobancha coerulescens</i> with the focus on mitochondrial DNA. | 36113                      |
| 11 | Prof. dr hab. M. Niklińska          | INoŚ      | Microplastic effect on soil organisms and soil functions.   | 32050                      |
| 12 | Dr J. Kajzer-Bonk                   | IZiBB     | Effect of linear barriers on dispersal and gene flow in model butterfly species <i>Phengaris teleius</i> .                        | 40000                      |
| 13 | Dr hab. J. Homa                     | IZiBB     | Effects of silver nanoparticles on inflammatory reaction in earthworms <i>Eisenia andrei</i> .                                    | 40000                      |
| 14 | Dr hab. R. Konieczny, prof. UJ      | IB        | Influence of gum arabic on antioxidant activity of barley anthers during androgenesis <i>in vitro</i> .                           | 40000                      |
| 15 | Dr hab. R. Piprek                   | IZiBB     | Identification of lamellar cells in <i>Bombina corpuscles</i> through transcriptomic approach.                                    | 39750                      |
| 16 | Dr hab. J. Kapusta, prof. UJ        | INoŚ      | Ultrasonic vocalisation as an element of sickness behaviour in bank voles and common voles.                                       | 28000                      |