

Excellence Initiative – Research University
Priority Research Biotechnology and Biomedical Engineering

THE LIST OF APPLICATIONS DECLARED AS ELIGIBLE FOR FUNDING IN THE COMPETITION BIOTECHMED-2: Start

No.	Applicant (title/degree name and surname)	Faculty	Project title	Project grant
1.	Maciej Malinowski, Ph.D.	Faculty of Chemistry	Amphiphilic, porphyrin-based photosensitisers with increased cellular uptake – synthesis and photodynamic properties evaluation	PLN 119 990
2.	Magdalena Mazurek-Budzyńska, Ph.D.	Faculty of Chemistry	Preparation and characterization of biocompatible electrospun polymeric scaffolds for applications in tissue engineering	PLN 120 000
3.	Michał Nowicki, Ph.D.	Faculty of Mechatronics	Recovery of magnetocardiography signal with differential evolutionary strategies	PLN 92 000
4.	Witold Rządkowski, Ph.D.	Faculty of Power and Aeronautical Engineering	Anthropomorphic hand prosthesis – design and functional testing of a thumb prototype	PLN 119 600
5.	Anna Sobiepanek, Ph.D.	Faculty of Chemistry	Biophysical characteristics of the interaction of mast cells with other skin cells during inflammation, allergy and cancer progression	PLN 120 000

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6.	Teresa Szczepińska, Ph.D.	Centre for Advanced Materials and Technologies	NanoGAM: a method of studying the three-dimensional structure of the genome, through the use of long read DNA sequencing of ultracryosectioned nuclear profiles by laser microdissection	PLN 119 994
7.	Joanna Zajda, Ph.D.	Faculty of Chemistry	Novel strategies for studying the interaction of redox-active Pt(IV) complexes with DNA/RNA	PLN 120 000