

Lista projektów finansowanych  
Wspólne projekty badawcze Polska-Francja PHC Polonium 2022

| Lp. | Sygnatura            | Wnioskodawca PL  | Wnioskodawca FR  | Tytuł projektu   |
|-----|----------------------|--|--|--|
| 1   | BPN/BFR/2022/1/00001 | Uniwersytet Gdański  | Université Lyon I  | Characterization of protein-glycosaminoglycan interactions   |
| 2   | BPN/BFR/2022/1/00003 | Instytut Fizyki Jądrowej im. Henryka Niewodniczańskiego PAN                          | Laboratory of Physical Chemistry and Microbiology for the Materials and the Environment (LCPME), UMR 7564 CNRS – Lorraine University | Vertically aligned mesoporous silica thin films functionalized by cyclam: synthesis, investigations, and applicative perspectives                                |
| 3   | BPN/BFR/2022/1/00005 | Narodowe Centrum Badań Jądrowych   | Laboratoire d'Astrophysique de Marseille   | Exploring the variation of dust properties with galaxy surface brightness in preparation for the LSST survey   |
| 4   | BPN/BFR/2022/1/00007 | Uniwersytet Jagielloński w Krakowie  | INRAE, UMR 85 Physiologie de la Reproduction et des Comportements, Nouzilly  | Description of new markers in polycystic ovary syndrome (PCOS): expression and function of SPEXIN in human ovarian cells   |
| 5   | BPN/BFR/2022/1/00011 | Politechnika Krakowska im. Tadeusza Kościuszki                                       | Université de Tours  | Evaluation of the biological active potential of viticulture side-products as novel functional ingredients for skin barrier recovery                             |
| 6   | BPN/BFR/2022/1/00017 | Politechnika Wrocławska  | Laboratoire Interdisciplinaire Carnot de Bourgogne (ICB) - UMR6303 CNRS / Université   | Far-detuned frequency conversion in multimode fibers   |
| 7   | BPN/BFR/2022/1/00019 | Instytut Informatyki Teoretycznej i Stosowanej PAN                                   | Université de Versailles St Quentin  | Modelling large scale IOT networks based on low power long range (LoRa) radio  |
| 8   | BPN/BFR/2022/1/00021 | Politechnika Wrocławska  | Institut Lumière Matière, Université Claude Bernard Lyon 1   | Gold nanoclusters in chiral nano-assemblies - nonlinear optical properties   |
| 9   | BPN/BFR/2022/1/00022 | Politechnika Gdańska   | Institut CEA-LIST  | Bottom-up synthesis of faceted diamond particles highly loaded with color centers tailored for nanomagnetic determination of charged species in cellular systems |
| 10  | BPN/BFR/2022/1/00023 | Uniwersytet im. Adama Mickiewicza w Poznaniu   | C2N – Centre for Nanoscience and Nanotechnology, CNRS, Université Paris-Saclay   | Dynamically tunable metasurfaces and reconfigurable metadevices by using Parity-Time symmetry, DYNAMET   |
| 11  | BPN/BFR/2022/1/00024 | Instytut Niskich Temperatur i Badań Strukturalnych im. Włodzimierza Trzebiatowskiego | Université de Franche-Comté  | Research on phospholipid-nanophosphor interaction using Raman and thermoluminescence methods in the in vitro systems   |
| 12  | BPN/BFR/2022/1/00025 | Uniwersytet Gdański  | Uniwersytet La Rochelle i CNRS   | Pollution in marine bivalves transmissible cancer  |
| 13  | BPN/BFR/2022/1/00027 | Instytut Fizyki PAN  | Laboratoire Matériaux et Phénomènes Quantiques, CNRS, Université Paris Cité  | Quantum self-organisation in a mesoscopic optical cavities   |
| 14  | BPN/BFR/2022/1/00029 | Politechnika Śląska  | Institut Charles Gerhardt de Montpellier   | Ionic bio-aerogels for carbon dioxide (CO2) capture and bioconversion  |
| 15  | BPN/BFR/2022/1/00031 | Politechnika Wrocławska  | Université d'Angers  | Surface relief grating on liquids  |
| 16  | BPN/BFR/2022/1/00032 | Uniwersytet Warszawski   | Université de Rennes 1 (UR1)   | Olefin metathesis catalysts recycling by organic solvent nanofiltration  |
| 17  | BPN/BFR/2022/1/00033 | Uniwersytet Warszawski   | Université Paris Cité  | Growth dynamics of transport networks in physical and biological systems   |
| 18  | BPN/BFR/2022/1/00034 | Uniwersytet Medyczny w Lublinie  | University of Franche - Comte  | Hantzsch Reaction associated to Click Chemistry as sustainable methods to develop new drugs for Alzheimer's Disease (HARCCAD)                                    |
| 19  | BPN/BFR/2022/1/00038 | Sieć Badawcza Łukasiewicz - Instytut Mikroelektroniki i Fotoniki                     | Institut des Sciences Chimiques de Rennes (ISCR) - UMR CNRS 6226, Verres & Céramiques (V&C)  | Nanostructured optical fibers and microcomponents for mid-infrared applications  |
| 20  | BPN/BFR/2022/1/00039 | Uniwersytet Gdański  | Université de Lorraine - INRA, UMR1121 Laboratoire Agronomie et Environnement  | Exploring the role of esculetin in improving iron nutrition and shaping the root microbiome of Arabidopsis   |