

DEPARTAMENT PLEWISKA

Within the structure of the Institute of Natural Fibers and Medicinal Plants – PIB, the Plewiska Branch houses the Research and Development Center for Pharmacological Analysis of Medicinal Plants.

The scope of the Center's activities includes research on prognostic factors based on modern molecular studies, as well as a broad range of innovative research on new biomarkers in the field of genomics, proteomics, and transgenomics.

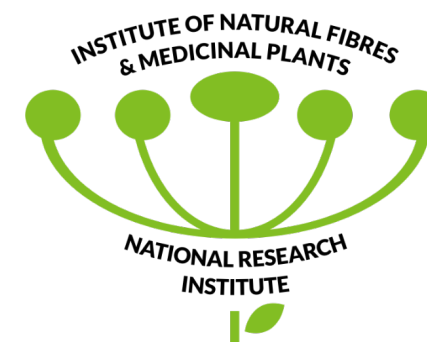
The scientific departments within the Center include:

- Department of Pharmacology and Phytochemistry
- Department of Stem Cells and Regenerative Medicine

UL. KOLEJOWA 2, 62-064 PLEWISKA

AREAS OF ACTIVITY

- Biotechnology, genetic engineering of fiber plants (flax, hemp), and medicinal herbs.
- Cultivation of new varieties of fiber and medicinal plants, their agronomy, and initial processing.
- Technologies for the extraction and processing of natural fibers, as well as their modifications for textile applications.
- New applications for oilseed varieties of fiber plants.
- Evaluation of new food products in terms of potential health or life-threatening risks to humans.
- Research on herbal preparations and plant-based medicinal products.
- Expert opinions, consultations, and industry advisory services for state authorities, local government entities, and economic entities.



**Institute of Natural Fibers and Medicinal Plants
State Research Institute
in Poznań**

UL. WOJSKA POLSKIEGO 71B, 60-630 POZNAŃ



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IWNiRZ - PIB IN POZNAN

The Institute of Natural Fibres and Medicinal Plants – State Research Institute in Poznań is an interdisciplinary research institution of international significance, supervised by the Minister of Agriculture and Rural Development. It specializes in comprehensive research on the acquisition and processing of natural fibrous and herbal raw materials.

Within the institute's structure, there are 9 research departments:

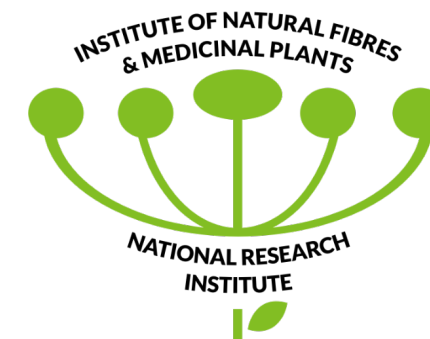
- Department of Crop Agrotechnology
- Department of Cultivation and Botany of Useful Plants
- Department of Biotechnology
- Department of Bioeconomy
- Department of Innovative Textile Technologies
- Department of Bioproduct Engineering
- Department of Stem Cells and Regenerative Medicine
- Department of Pharmacology and Phytochemistry
- Department of Seed Research and Processing

MISSION OF INSTITUTE

The primary mission of the Institute is to develop and implement innovative solutions for the advancement of agriculture and bioeconomy. Within its competencies, the Institute shares knowledge and provides services to the broader society, agricultural institutions, biotechnological and pharmaceutical companies, as well as entities in the textile, energy, packaging, transportation, construction, and broader bioeconomy sectors.

The Institute of Natural Fibres and Medicinal Plants is scientific-research and implementation activities focus on the cultivation, processing, and utilization of fiber plants, medicinal plants, and natural protein fibers. The goal is to promote sustainable development in agriculture and innovative bioeconomy, with a particular emphasis on combating climate change. This is carried out in alignment with principles that prioritize the well-being, quality of life, and economic sustainability of society, as well as the agricultural sector, all while maintaining a strong commitment to health.

The mission indicates the primary goal of the Institute's operation and development, around which the activities of Scientific and Experimental Departments, as well as all involved partners, should be centered. It serves as a message, providing the foundation and defining the direction of collaboration at the local, national, and international levels.



FROM
PASSION
**TO LIFE
AND SCIENCE**

