



# NATIONAL INSTITUTE FOR PHARMACEUTICAL RESEARCH & DEVELOPMENT (NIPRD)

FEDERAL MINISTRY OF HEALTH

*Department of Pharmaceutical Technology & Raw Materials Development*

4<sup>TH</sup> September, 2025.

NASENI

## LETTER OF ENDORSER

Dear DG/CEO- NASENI,

I wish to endorse the research grant proposal titled [**Herbal Granule Production Facility: Commercial Production of NIPRIMUNE Granules and NIPRIMUNE Capsules**] submitted by Prof. Philip F. Builders et al from NIPRD. As the DG/CEO of NIPRD I am conversant with pedigree in terms of integrity, expertise and dedication and of Prof. Philip F. Builders and his team of researchers as presented in this proposal.

The research titled **Commercial Production of NIPRIMUNE Granules and NIPRIMUNE Capsules**

With the general objectives of:

- a. To develop a standardized process for producing granules of water extracts from medicinal plants, using *Andrographis paniculata* as a prototype.
- b. To design and establish a facility that meets Good Manufacturing Practices (GMP) standards for finished herbal medicine production.
- c. To conduct translational industrial pilot production research on the extraction, formulation, and quality control of herbal granules using NIPRIMUNE as pilot.

The clear objectives, thorough literature review and well-designed methodology as presented in the proposal show the depth of understanding and expertise of the researchers.

I endorse this proposal not only because of the researcher's capabilities but also due to the relevance and importance of the research topic. I believe that the successful completion of this project has the potential among other advantages, to:

- i. Contribute to the growth of the herbal pharmaceutical industry in Nigeria and beyond.
- ii. Provide a platform for the development of standardized herbal products with proven efficacy and safety.
- iii. Serve as center for the extraction and standardization of Herbal Active Pharmaceutical Ingredient Enhance the utilization of medicinal plants and promote their potential therapeutic benefits.

I confirm that NIPRD supports this research project and is committed to providing a conducive environment for its successful completion.

I sincerely recommend that you consider funding this proposal. If you require any additional information, please do not hesitate to contact me.

Yours sincerely,

Dr. Peter O. Adgwe