

# Pharmacognostic Standardization of some Herbal Medicines used in Nigeria, Towards Monograph Development.

Presented By

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*2<sup>nd</sup> Stakeholders Meeting  
MRC, Cape Town, South Africa  
4-7 Oct 2009*

# Scientific Rationale & Objectives

## Project rationale

Herbal medicine adulteration.

Inadequate monograph / documentation on Nigerian medicinal plants .

Nigeria's non participation in the global herbal medicine trade.

## Project Aim

Standardisation of medicinal plants used by Traditional Medical Practitioners in Nigeria.

## Methods of investigation

Ethno botanical / medical surveys

Plant identification and herbarium specimen preparation

Phytochemical Screening & Chromatographic studies

Pharmacognostic standardization & Bioassay profile



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# Key Findings & Achievements

## Results

Establishment of identity, purity, quality, safety and efficacy standards of investigated medicinal plants.

## Achievements

In house protocols' development.

Indigenous knowledge documentation.

Training of students .

## Conclusions

The establishment of standards for herbal medicines towards preventing adulteration, improving their acceptability and registration will be enhanced by these results.



# Challenges & How Resolved

## Challenges

- Funding of research
  - Training
  - In adequate linkages / collaborations
  - Absence of accredited laboratories
- 
- Resolution ?



# Future Directions & How ANDI Can Contribute

## Suggestions as to further work:

Monographs' completion, Linkages and Training.

## Suggestions for ANDI's role:

Funding support.

Training /Linkages.

Enlightenment of Pharmaceutical companies

Establishing accredited laboratories

NIPRD as a reference centre medicinal plants' research



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