



AFRICA IN THE GLOBAL VACCINE MANUFACTURING LANDSCAPE: ADVANCEMENTS



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Company Overview



- Technical arm of Federal Ministry of health
- Research & Technology Transfer
- Undertake research on priority health, nutrition sciences, TMMR
- Public Health Emergency Management
- Quality laboratory system strengthening
- **Vaccine manufacturing and development**

Company Overview



- Production of cell culture based rabies vaccines for human use.
- Production of rabies monoclonal antibody for diagnostic and therapeutic use
- Production of polyvalent anti-venom from poisonous snakes in Ethiopia and East Africa
- Collaborate on clinical trials of vaccines

- ❖ For more than five decades EPHI is producing and distributing Nervous Tissue Vaccine (NTV)
- ❖ >32,000 of vials of NTV is distributed to the nation annually



Vaccine Infrastructure (current)



- Built Utility house for WFI
- Installation of HVAC for API
- Installed security doors and CCTV cameras
- Standard Laboratory experiment rooms was also built
- All the budget used for vaccine technology transfer is supported by Ethiopian Government

Advances: Skills and recruitment



- Established strong Quality Assurance team
- With support from partners QA Consultant is recruited
- All staffs have a basic knowledge and skills on:
 - ✓ Long term capacity building (PhD and MSc)
 - ✓ Short term training at NVI and PANVAC on QA, QC, GCP and GMP

Advances: Projects/Programs RELEVANT to ADVANCING
VACCINE DEVELOPMENT & MANUFACTURE IN AFRICA



National Health Research and Development Roadmap Consultative Meeting



Advances: Projects/Programs RELEVANT to ADVANCING VACCINE DEVELOPMENT & MANUFACTURE IN AFRICA



- Manufacturing of cell culture based rabies vaccine for human use
- Human resource capacity building (CDT-Africa)

Future Plans



- AVMI Should also support manufacturers in capacity building eg. Short term training on GMP, regulatory requirements, vaccine licensing, and etc
- Local vaccine manufacturing advocacy
- Support NRA capacity building

Thank you