
 WORLD MEDICAL ASSOCIATION

 PONTIFICIA ACADEMIA PRO VITA

MEDICAL RESEARCH FOR DEVELOPING COUNTRIES

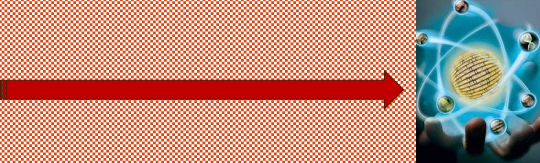
A PERSONALISTIC VISION

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Introduction

- ✓ In recent decades, the rapid exponential progress of science and technology, and in particular molecular biology, has led to significant social transformations across various domains
- ✓ These advancements have impacted human beliefs and values with some concerning elements
- ✓ Developing countries are not exempt from this challenge, with the emergence of genetic biotechnology associated artificial intelligence (AI).



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This domain is not limited to medicine alone, as life emerges even in an inanimate world through the exploration and utilization of information contained in physical structures, where *téchne* (τέχνη) plays a fundamental role



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New paradigm could potentially lead to the

"objectification of people"



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Developing countries face distinct health challenges at the beginning of the 21st century, differing significantly in quality and intensity from their traditional concerns

These challenges have also compromised research endeavors

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Declaration of Helsinki, first published by the World Medical Association (WMA) in 1964



Declaration of Helsinki
WORLD MEDICAL ASSOCIATION
DECLARATION OF HELSINKI
Ethical Principles for Medical Research
Involving Human Subjects
• Adopted in 1964
• Last updated in 2000
• [Link to full document](#)

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Characterization of Developing Countries in Scientific Research and Cultural Impact



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- **Developing countries exhibit a less stable and diversified economy, featuring a low level of industrialization and a limited presence of multinational companies.**
- **These nations typically experience low per capita income, a high unemployment rate, and a constrained service sector.**

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- Economic challenges are heightened due to lower industrialization and underdeveloped infrastructure, subsequently limiting employment opportunities and impeding economic growth, impacting the quality of life for their inhabitants.
- The developmental level of a country significantly influences its population, affecting quality of life, employment opportunities, and access to basic services.

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- The developmental level of a country significantly influences its population, affecting:



- Substantial challenges in key areas related to quality of life, employment opportunities, and access to basic services.

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The consequences of these characteristics manifest not only in a scarcity of exploitable resources for scientific research in their environment but also in the delayed or non-existent historical emergence of a scientific work culture, hindering progress and asserting the “status quo” in the scientific world

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The ethical, moral, and political repercussions of such environments have notable effects, with the United Nations acknowledging poverty as a

“Moral responsibility of our time.”

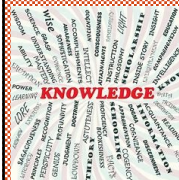


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Fostering a culture of scientific research

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Scientific research culture



“Knowledge society”

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Return to the concept of the person



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Conclusions

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Firstly, awareness of our vulnerability is crucial



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Secondly, acknowledging a shared responsibility between researchers and all human subjects involved in research is essential



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Thirdly, there is a need to advocate for global governance to establish globally shared moral and political responsibility



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Precautionary Principle

Human responsibility



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Ethos of Service must be the primary vision for the development of science and technology



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Advocate for a new ethical perspective in the realm of human goods

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**Healthy governance over consumption,
is crucial**



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**Ecological conversion becomes an ethical
imperative, rescuing the humanist ethos
and the preferential option for the poor**



Pope Francis



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- **Solidarity Responsibility**
- **Creative Hope**

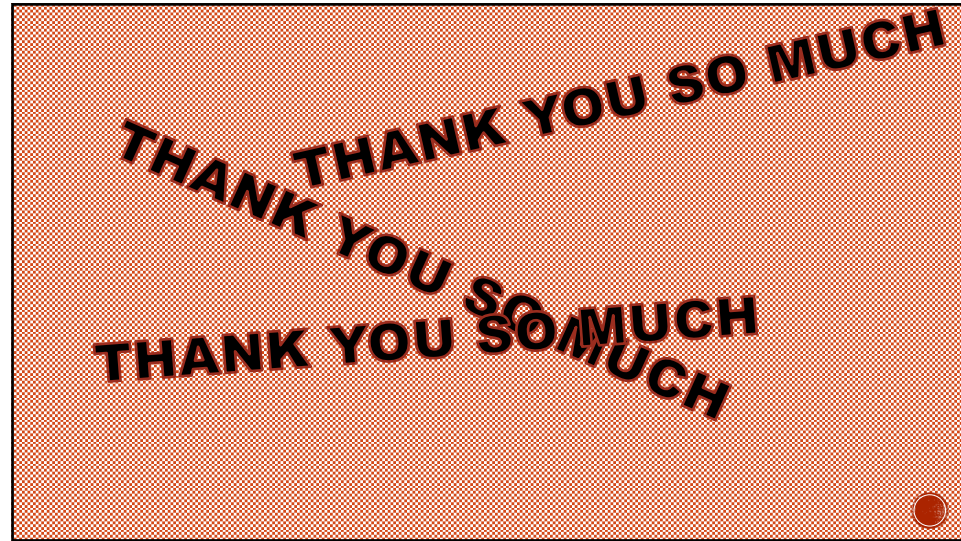
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**"Development is the new name
of Peace"**



Pope Paul VI

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