

Buenos Aires EU-LAC HEALTH Workshop, October 22–23, 2012



**RESULTS OF THE SURVEY ON COMMON RESEARCH PRIORITY AREAS
FOR COOPERATION BETWEEN EUROPEAN AND LATIN AMERICAN
AND THE CARIBBEAN COUNTRIES IN THE HEALTH SECTOR**

**Joaquín Guinea
INNOVATEC**

"EASY TO ANSWER" QUESTIONNAIRE SENT TO OFFICIAL INSTITUTIONS OF COUNTRIES OF BOTH REGIONS



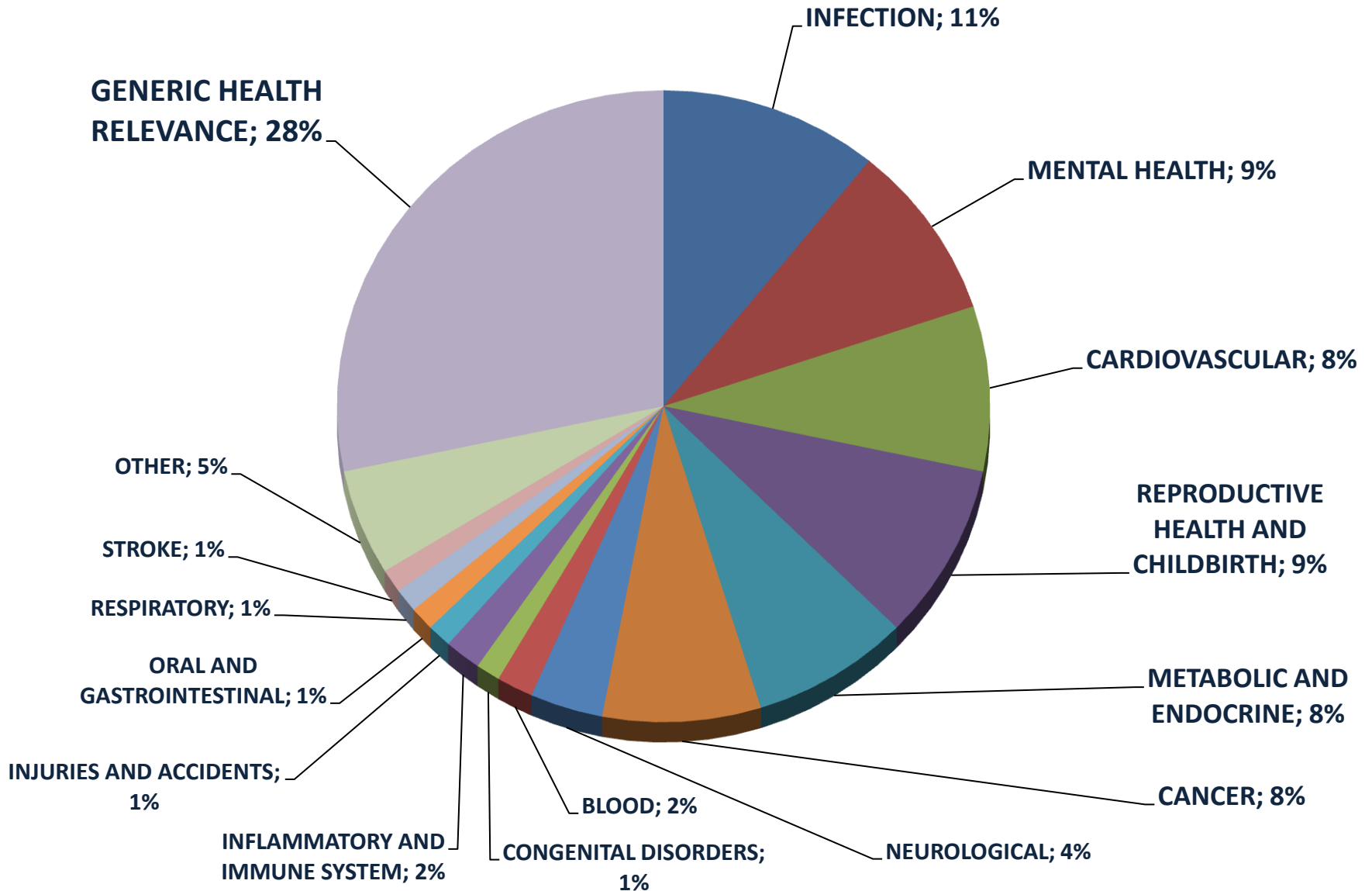
PROPOSED RESEARCH AREA		Health Category	Research Activity Code /Subcode
SOCIETAL CHALLENGES ON WHICH THE PROPOSED COOPERATION IS FOCUSED			
ADDED VALUE OF EU-LAC COLLABORATION			
Explain the added value of the proposed EU-LAC collaboration. Please also indicate which countries/regions you think would profit most from the proposed collaboration			
EXPECTED IMPACT ON THE SOCIETY			
Score (1 lowest - 5 highest)	Explanation		

SURVEY RESULTS

RESPONSES FROM 22 COUNTRIES AND 3 MULTI-COUNTRY ORGANIZATIONS:

COUNTRY	ORGANIZATION
ARGENTINE	Ministerio de Ciencia, Tecnología e Innovación Productiva
BOLIVIA	Viceministerio de Ciencia y Tecnología
BRAZIL	Ministério da Ciência, Tecnologia e Inovação
CZECH REPUBLIC	Several Czech Universities and Research Centers (<i>all answers compiled in a unique questionnaire</i>)
CHILE	Pontificia Universidad Católica de Chile
COLOMBIA	Dep. Administrativo de Ciencia, Tecnología e Innovación (COLCIENCIAS)
COSTA RICA	Ministerio de Salud
CUBA	Ministerio de Salud Pública
ECUADOR	Secretaría Nacional de Educación Superior, Ciencia, Tecnología e Innovación
GERMANY	Federal Ministry of Education and Research (BMBF, Bundesministerium für Bildung und Forschung)
GUATEMALA	Secretaría Nacional de Ciencia y Tecnología (SENACYT) y Universidad del Valle de Guatemala
ITALY	L'Istituto di Ricovero e Cura a Carattere Scientifico San Raffaele Pisana
MEXICO	Dirección General de Políticas de Investigación en Salud
NETHERLANDS	The Medical and Health Research Council of The Netherlands (ZonMw)
NORWAY	The Research Council of Norway
PANAMA	Instituto de Investigaciones Científicas y Servicios de Alta Tecnología
PERU	Instituto Nacional de Salud, (Ministerio de Salud)
PORTUGAL	Conselho Científico das Ciências da Vida e da Saúde Fundação para a Ciência e a Tecnologia
SPAIN	Instituto de Salud Carlos III (ISCIII), M ^º de Economía y Competitividad
TRINIDAD AND TOBAGO	National Institute of Higher Education, Research, Science and Technology
URUGUAY	Ministerio de Salud Pública
VENEZUELA	Univ. Bolivariana de Venezuela y Programa Nacional de Formación en Medicina Integral Comunitaria
CARIBBEAN COUNTRIES	Caribbean Science Foundation (CSF)
CARIBBEAN COUNTRIES	Caribbean Health Research Council (CHRC)
LATINAMERICAN COUNTRIES SPAIN and PORTUGAL	Programa Iberoamericano de Ciencia y Tecnología para el Desarrollo (CYTED)

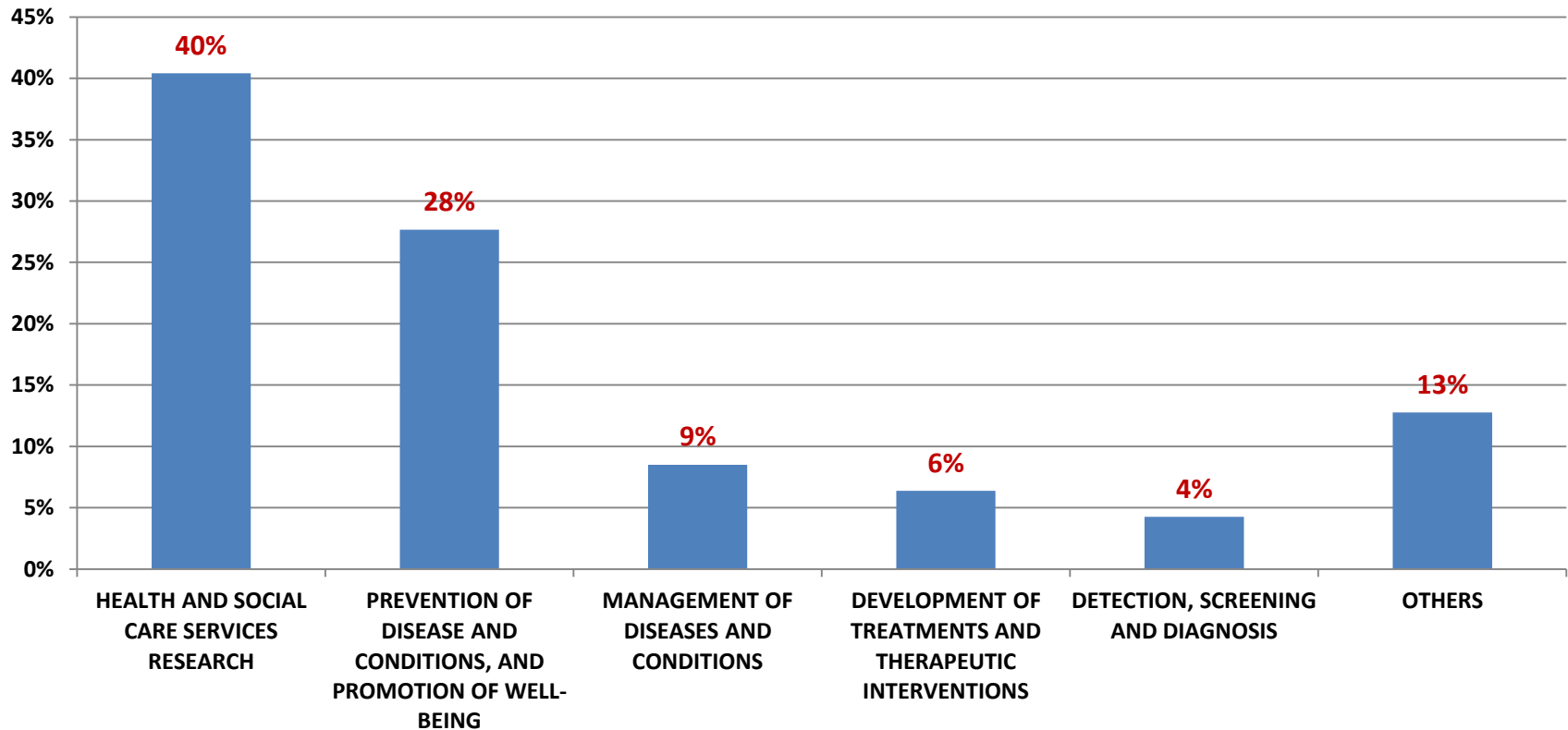
166 PROPOSED RESEARCH AREAS FOR COLLABORATION HAVE BEEN IDENTIFIED THROUGH THE SURVEY



GENERIC HEALTH RELEVANCE (1)



MAIN AREAS OF RESEARCH ACTIVITIES PRIORITIZED WITHIN THIS CATEGORY



GENERIC HEALTH RELEVANCE (2)



VERY WIDE RANGE OF RESEARCH TOPICS ADRESSED:

- **DEVELOPMENT OF NEW PUBLIC HEALTH INTERVENTIONS ADDRESSING WIDER DETERMINANTS OF HEALTH SUCH AS DIET, LIFESTYLE OR ENVIRONMENTAL FACTORS.**
- **IMPROVING HEALTH IN AN AGEING POPULATION.**
- **HEALTH SERVICES/SYSTEMS RESEARCH:**
 - **RESEARCH INTO ASPECTS OF SOCIALLY EQUITABLE ACCESS TO HEALTH SERVICES.**
 - **INNOVATIONS IN THE HEALTHCARE SYSTEM.**
 - **EVALUATION OF STRATEGIES ON A NATIONAL, REGIONAL, OR LOCAL LEVEL.**
 - **NEEDS AND CONDITIONS FOR AN ADEQUATE SUPPLY OF HEALTH WORKERS (HUMAN RESOURCES).**
 - **BENCHMARKING OF PUBLIC HEALTH AND HEALTH SERVICES STRATEGIES.**
 - **MANAGEMENT AND DECISION MAKING.**
 - **ORGANIZATION AND DELIVERY OF SERVICES.**
 - **DELIVERY OF HEALTH CARE IN A DIVERSE MULTI-CULTURAL SOCIETY.**
 - **E-HEALTH.**
 - **ICT MANAGEMENT AND SOURCING STRATEGIES.**
 - **KNOWLEDGE DISCOVERY AND KNOWLEDGE FORMALIZATION.**
 - **FOSTERING APPLICATIONS OF EVIDENCE-BASED MEDICINE.**
 - **MEDICAL TECHNOLOGIES.**
 - **MIGRATION AND HEALTH.**
 - **RISK/DISASTER MANAGEMENT.**
 - **HEALTH AND WELFARE ECONOMICS.**
 - **IMPACT OF LEGISLATION ON HEALTH.**
- **DEVELOPMENT AND IMPROVEMENT OF RAPID TEST-KITS FOR MONITORING, CONTROLLING AND CONTAINING DISEASES OUTBREAKS.**
- **EPIDEMIOLOGICAL STUDIES RELATED TO COMMUNICABLE DISEASES.**
- **RESEARCH INFRASTRUCTURES (BIOBANKS, CLINICAL RESEARCH NETWORKS, ETC.).**

INFECTION

RESEARCH TOPICS IDENTIFIED:

- **ANTI-MICROBIAL DRUG RESISTANCE;**
- **CLIMATE CHANGE AND VECTORS OF INFECTIOUS DISEASES;**
- **NEW TREATMENTS, NEW VACCINES AND NEW DIAGNOSTIC TOOLS FOR HIV/AIDS, MALARIA, TUBERCULOSIS, ZOOSES AND POVERTY-ASSOCIATED INFECTIOUS DISEASES;**
- **UTILIZATION OF THE INFORMATION FROM GENOMICS FOR THE IDENTIFICATION OF NEW TARGETS;**
- **ECOEPIDEMIOLOGY.**

MENTAL HEALTH

RESEARCH TOPICS IDENTIFIED:

- **LIFESTYLE, SOCIOECONOMIC FACTORS AND MENTAL HEALTH (ADDICTIVE BEHAVIOURS, VIOLENCE, PSYCHOACTIVE SUBSTANCE CONSUMPTION, ETC.);**
- **PSYCHOLOGICAL SYMPTOMS IN CHRONIC DISEASES AND CO-MORBIDITY;**
- **DISEASE PREVENTION, SCREENING PROGRAMMES AND DIAGNOSIS INCLUDING BIOMARKER RESEARCH;**
- **INTERNATIONAL COMPARISON OF PSYCHIATRIC HEALTH CARE SYSTEMS;**
- **THE IMPACT OF VIOLENCE ON CHILD MENTAL HEALTH**

CARDIOVASCULAR



RESEARCH TOPICS IDENTIFIED:

- **PATHOGENIC MECHANISMS THAT DRIVE THE CORONARY HEART DISEASE AND THE PERIPHERAL VASCULAR DISEASE.**
- **DISCOVERY AND DEVELOPMENT, INCLUDING MOLECULAR TARGET VALIDATION AND LEAD DRUG CANDIDATE IDENTIFICATION OF NEW DRUGS FOR THE TREATMENT OF CORONARY HEART DISEASE AND PERIPHERAL VASCULAR DISEASE.**
- **RESEARCH ON NEW BIOMARKERS.**
- **DEVELOPMENT OF PREVENTIVE METHODS FOR CARDIOVASCULAR DISEASES, INCLUDING FOR THOSE ASSOCIATED TO INFECTIOUS DISEASES AS CHAGAS DISEASE.**

REPRODUCTIVE HEALTH AND CHILDBIRTH AND CONGENITAL DISORDERS

RESEARCH TOPICS IDENTIFIED:

- **PSYCHO-SOCIAL FACTORS INFLUENCING THE PREGNANCY IN YOUNG TEENAGERS.**
- **EFFECTS OF CLIMATE CHANGE, EXPOSURE TO PERSISTENT TOXIC SUBSTANCES ON THE PREGNANCY OUTCOME AND CHILD DEVELOPMENT.**
- **POSTPARTUM DEPRESSION.**
- **DEVELOPMENT OF NEW BIRTH CONTROL STRATEGIES FOR THE EXTREME POOR.**
- **INFANTS BORN PREMATURELY.**
- **IMPROVING THE PREVENTION, DIAGNOSTIC AND TREATMENT OF CONGENITAL DISORDERS.**

METABOLIC AND ENDOCRINE

RESEARCH TOPICS IDENTIFIED:

- **STUDY OF CAUSES OF THE DIFFERENT TYPES OF DIABETES AND THEIR PREVENTION AND TREATMENT;**
- **INBORN METABOLISM DISORDERS;**
- **COMPARISON OF PREVENTIVE STRATEGIES FOR OVERWEIGHT AND DIABETES;**
- **METABOLIC SYNDROME AND OBESITY;**
- **COELIAC DISEASE.**

CANCER

RESEARCH TOPICS IDENTIFIED:

- **BETTER KNOWLEDGE ON THE CAUSES AND MECHANISM OF CANCER INCLUDING THE PATHOGENIC MECHANISMS THAT DRIVE TUMOUR FORMATION/CELL TRANSFORMATION AND METASTASES;**
- **MORE EFFECTIVE AND EARLIER DIAGNOSTIC TOOLS;**
- **NEW TREATMENTS;**
- **LONG TERM QUALITY OF LIFE OF THE PATIENTS;**
- **PROTEOMICS AND BIOMARKER RESEARCH.**

OTHERS HEALTH CATEGORIES



RESEARCH TOPICS IDENTIFIED:

- **INFLAMMATORY AND IMMUNE SYSTEM:** RESEARCH ON BIOLOGICAL AND ENDOGENOUS FACTORS OF PRIMARY IMMUNODEFICIENCIES.
- **NEUROLOGICAL DISEASES:**
 - BASIC AND TRANSLATIONAL RESEARCH ON NEURODEGENERATIVE DISEASES (ALZHEIMER, PARKINSON, AMYOTROPHIC LATERAL SCLEROSIS, ETC.)
 - PEDIATRIC NEUROLOGICAL DISORDERS HAVE BEEN CONSIDERED AS A RESEARCH PRIORITIES.
- **STROKE:** DRUGS DISCOVERY FOR NEW THERAPY
- **RESPIRATORY AREA:**
 - RESPIRATORY VIRUSES
 - PNEUMONIA
- **RENAL AND UROGENITAL:** CHRONIC KIDNEY DISEASE.
- **ORAL AND GASTROINTESTINAL AREA:**
 - RESEARCH ON GASTROINTESTINAL PATHOLOGIES RELATED ON NUTRITION AND HYGIENE
 - RESEARCH ON CHRONIC GASTROINTESTINAL DISEASES
- **BLOOD :** DEVELOPMENT OF NEW DIAGNOSTIC KITS FOR HEMOLYTIC DISEASES.
- **OTHER HEALTH CATEGORIES:**
 - RARE DISEASES RESEARCH.
 - NATURAL PRODUCTS FROM PLANTS AND OTHER ORGANISMS AS A SOURCE OF NEW DRUGS AND NUTRACEUTICALS.
 - REGENERATIVE MEDICINE AND BIOENGINEERING.
 - MEDICAL DEVICES RESEARCH.