

Independent Cancer Research in Latin America: A new model

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Division of Research

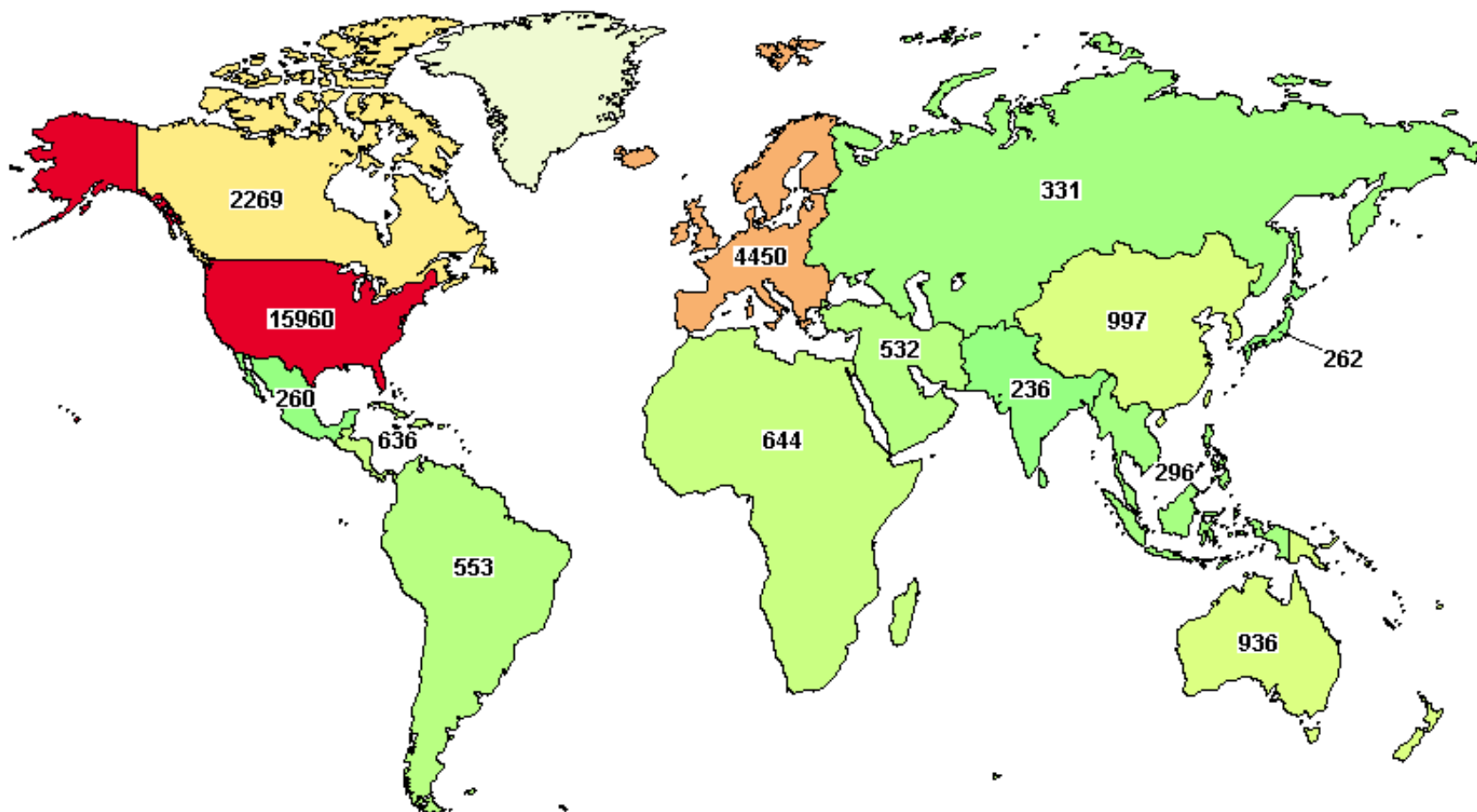


Disclosure

- I have no potential conflict of interest to declare.

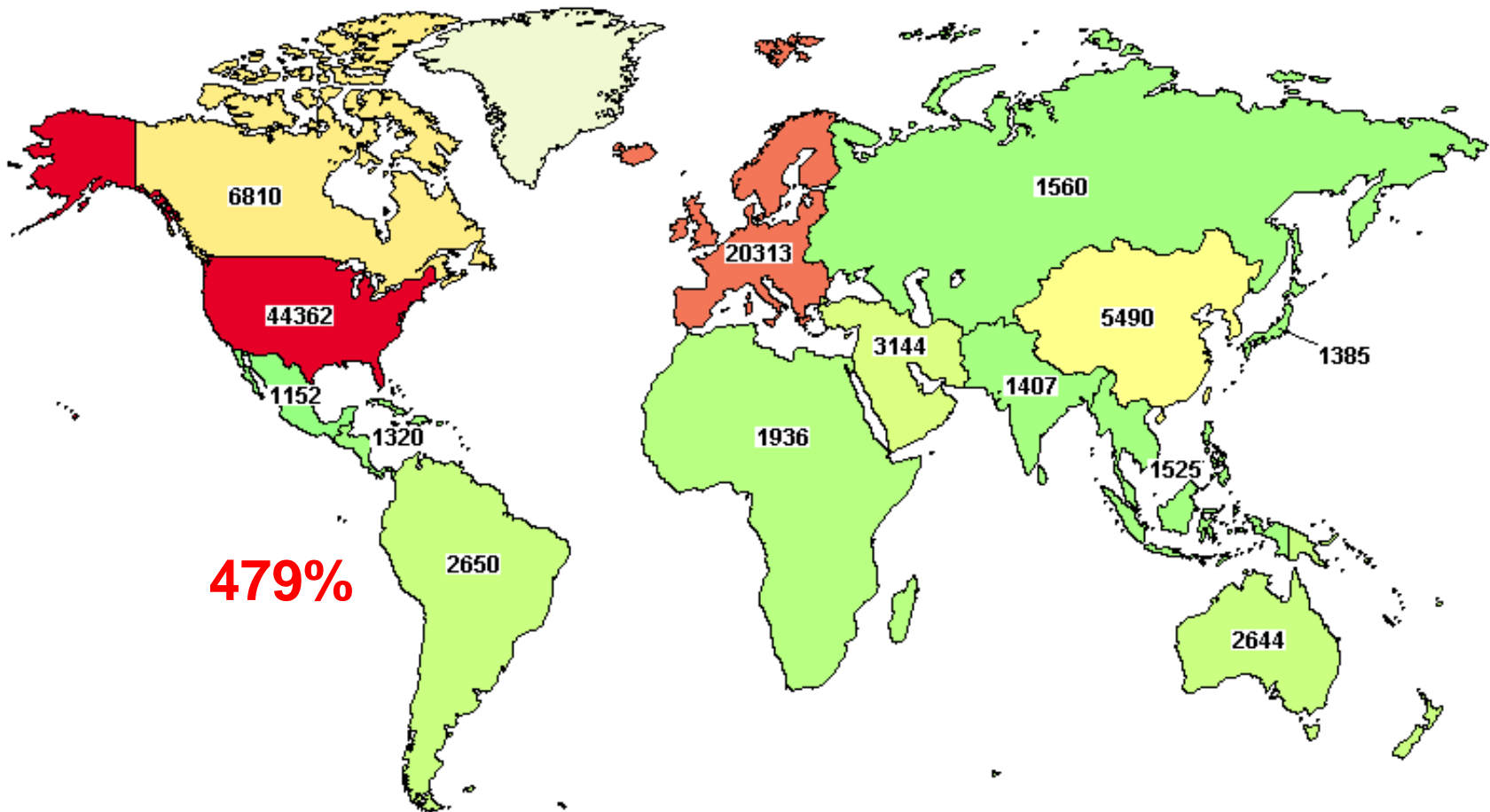
Evolution of CT in LATAM

Map of 25046 studies found by search of: received until 12/30/2005



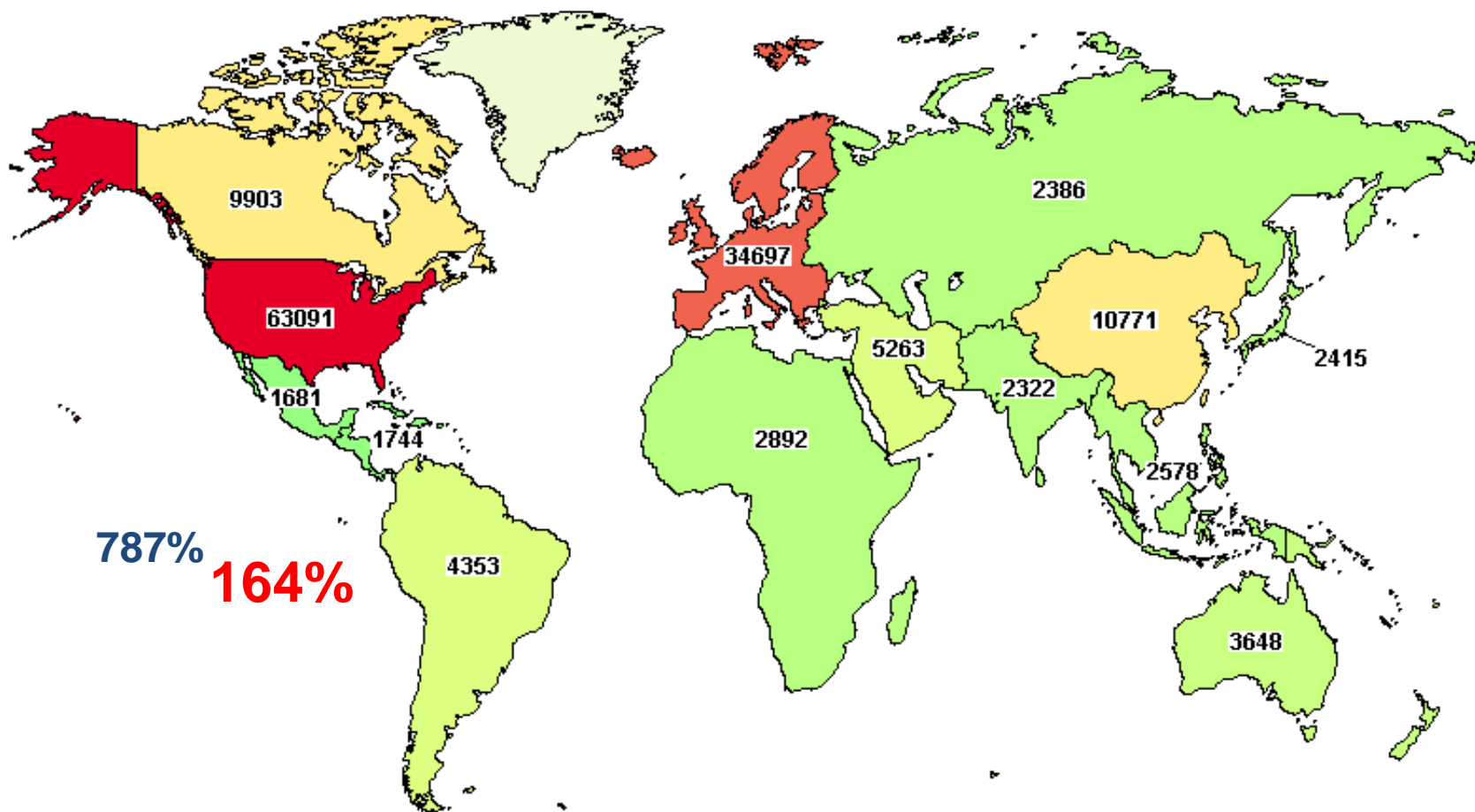
Evolution of CT in LATAM

Map of 83637 studies found by search of: received until 12/30/2009



Evolution of CT in LATAM

Map of All Studies in ClinicalTrials.gov (August 2012)



Clinical Trials Distribution



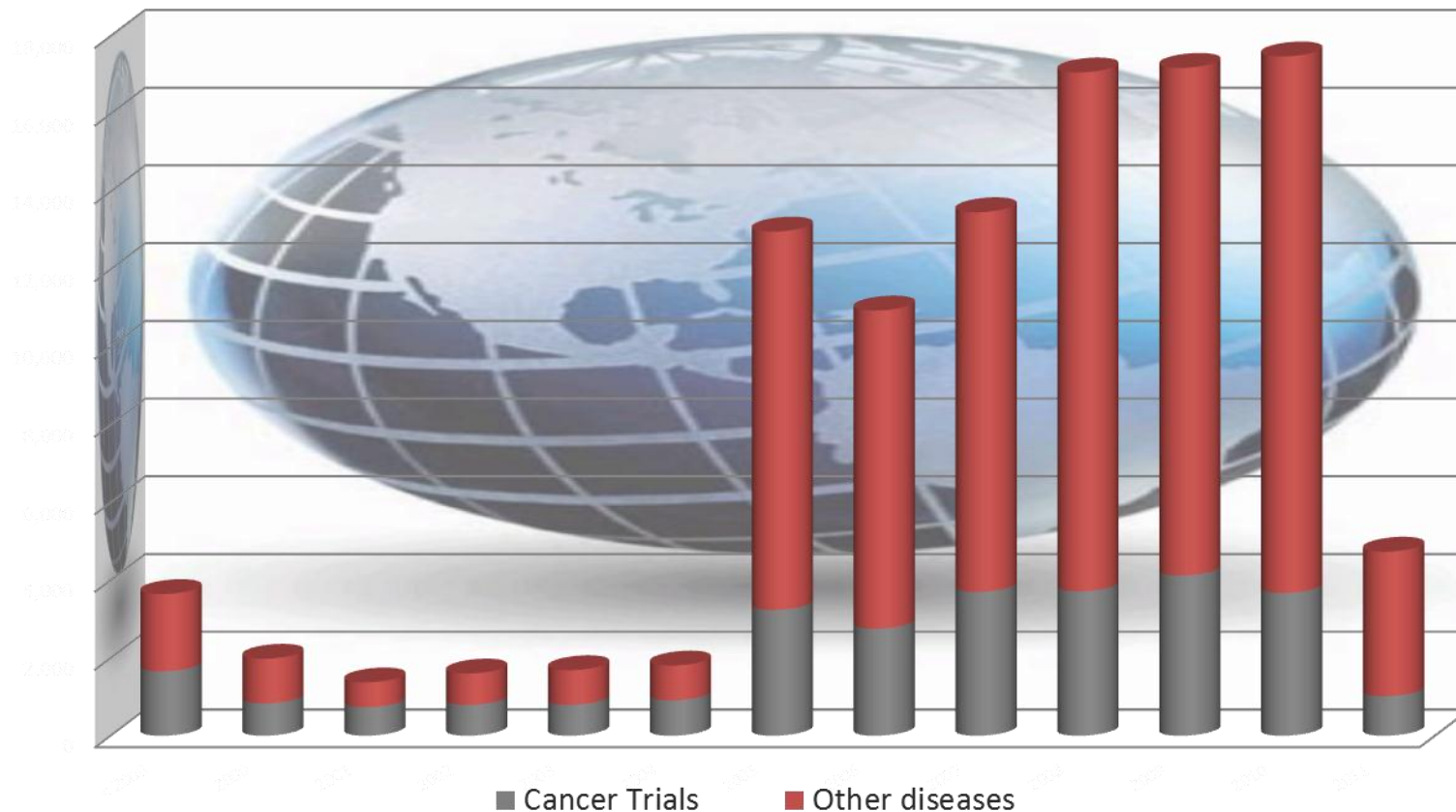
- Population: 600 millions
- 74% lives in Brazil Mexico, Colombia and Argentina
- 2 Languages: Spanish in 18 countries
Portuguese in Brazil



Evolution of CT's around the World

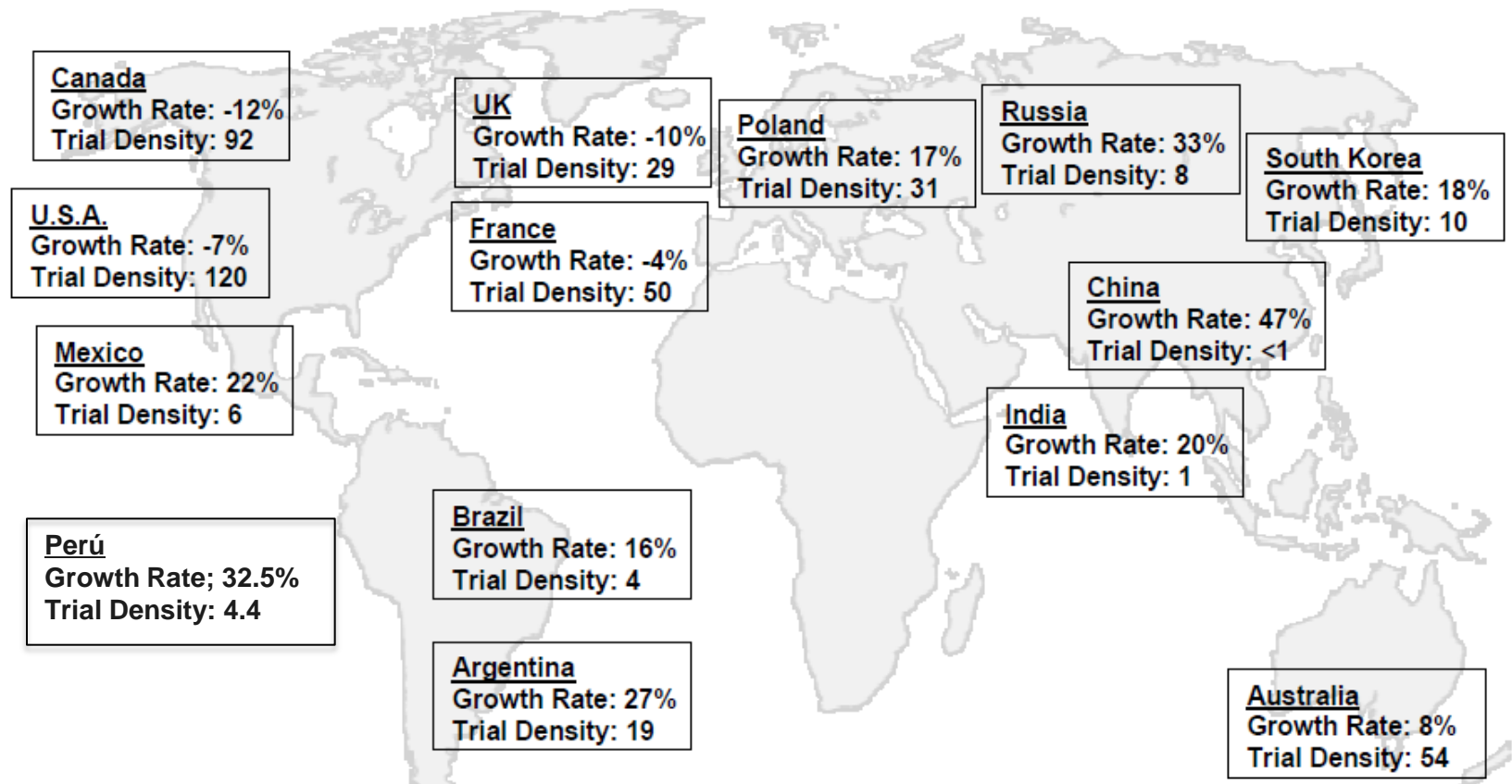
Trials registered at Clinical Trials.gov

Evolution of trials around the world

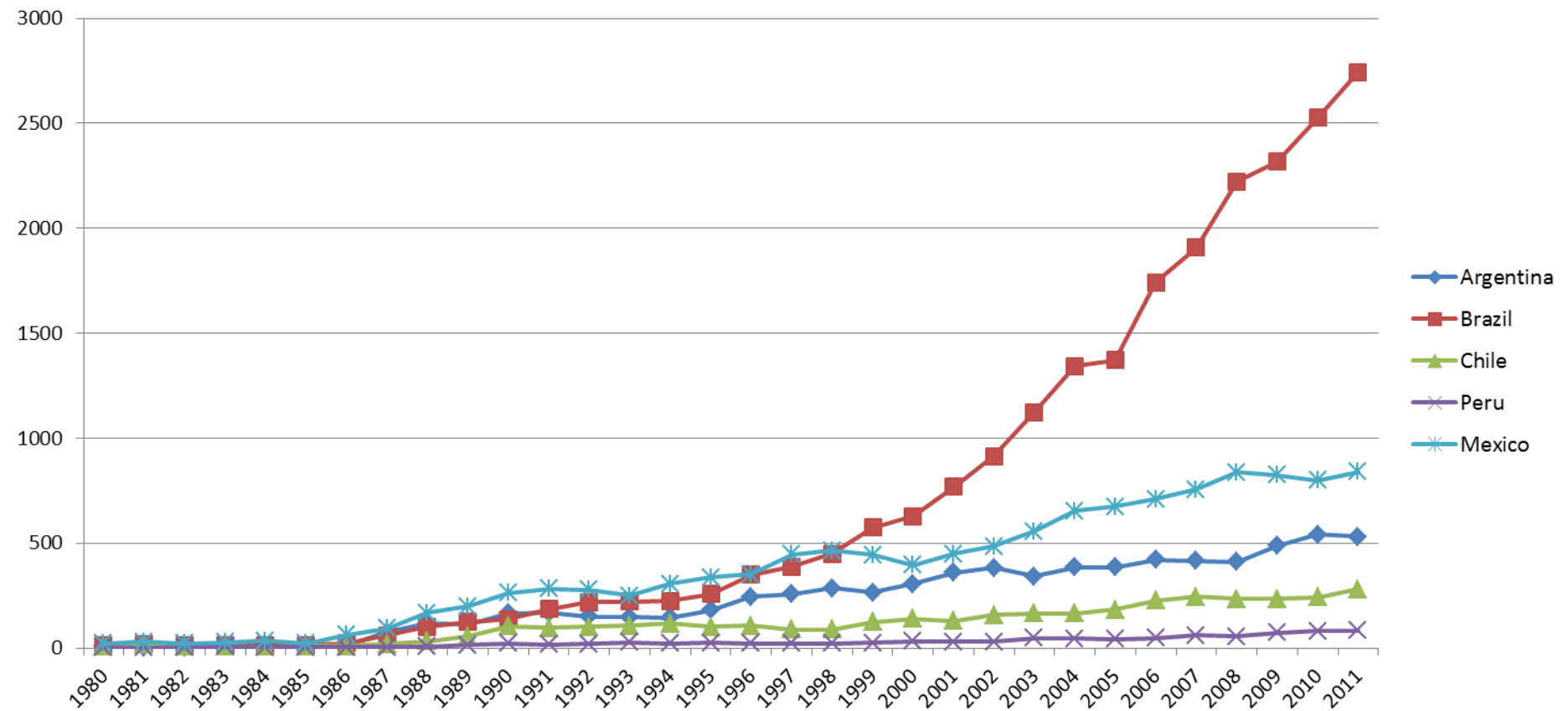


Clinical Trials.gov; at 04/14/2011

Trends in the globalization of clinical trials

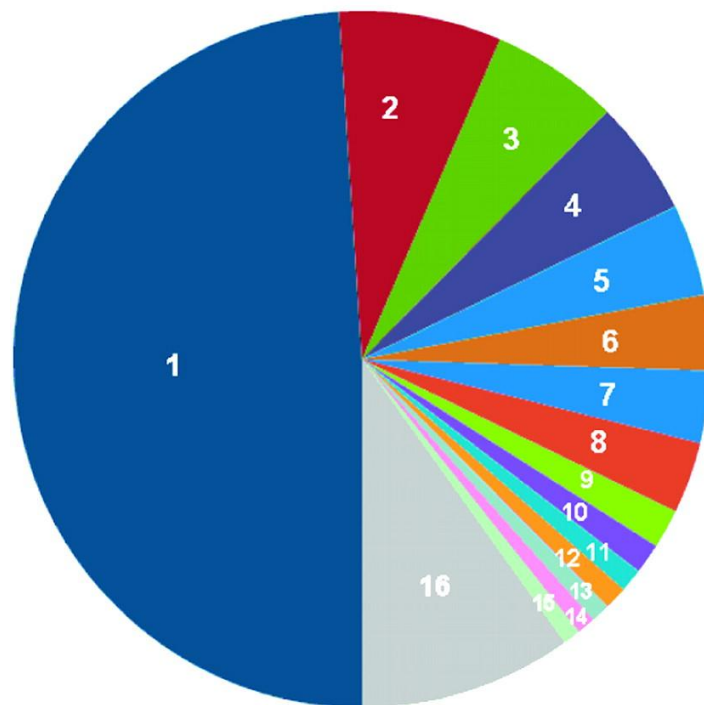


Search Criteria: Country name
Filter: Cancer subject
(August 2012)



The geography of clinical cancer research analysis of abstracts presented at the ASCO Annual Meetings

Top 15 countries in terms of abstract nationality.

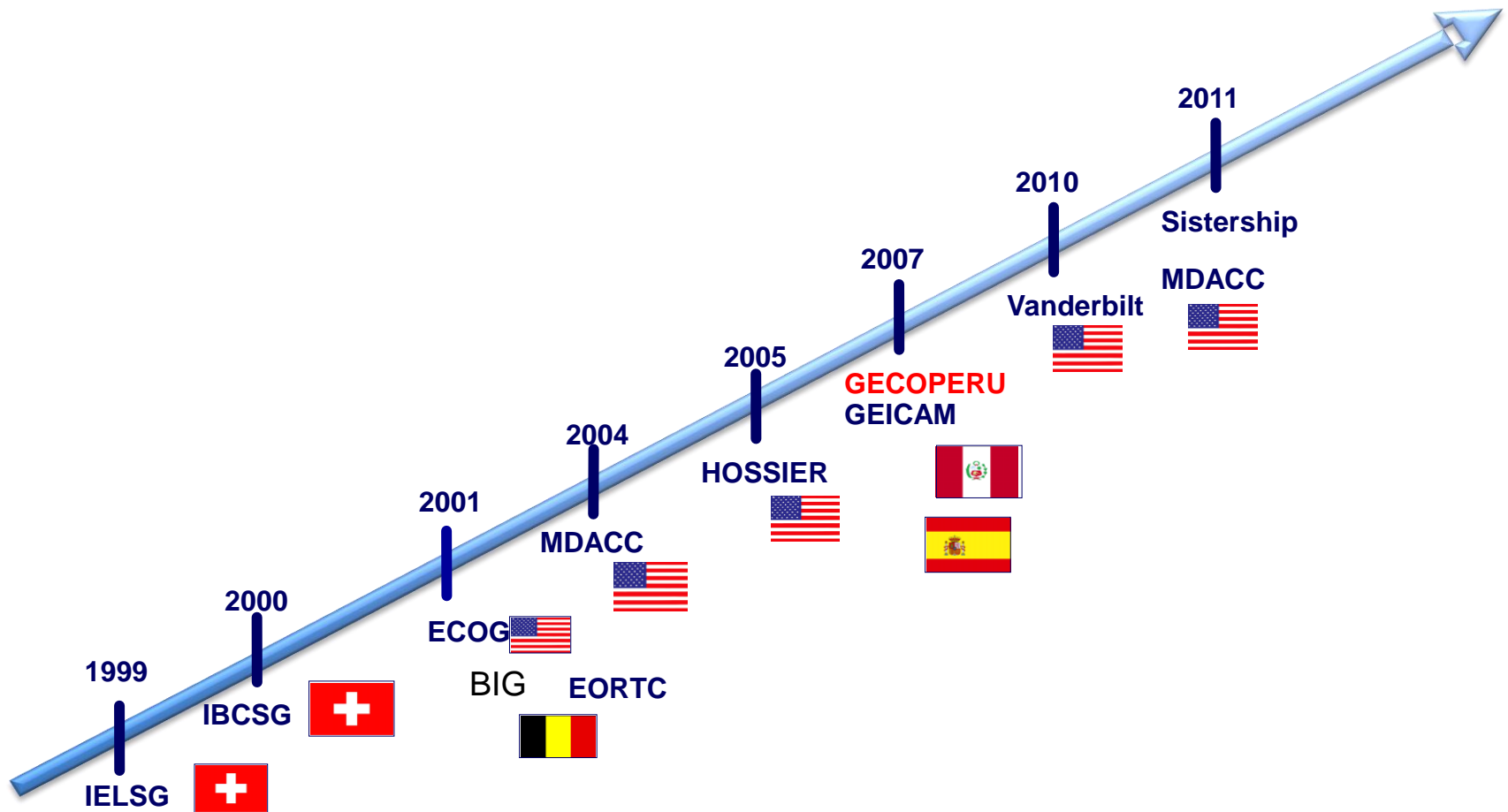


1. United States	49.0%
2. Italy	7.5%
3. Japan	5.9%
4. Germany	5.3%
5. France	4.3%
6. Spain	3.5%
7. Canada	3.4%
8. United Kingdom	3.3%
9. South Korea	1.8%
10. China/Hong Kong	1.4%
11. Brazil	1.1%
12. India	1.0%
13. Greece	0.9%
14. Belgium	0.9%
15. Turkey	0.8%
16. Others	9.9%

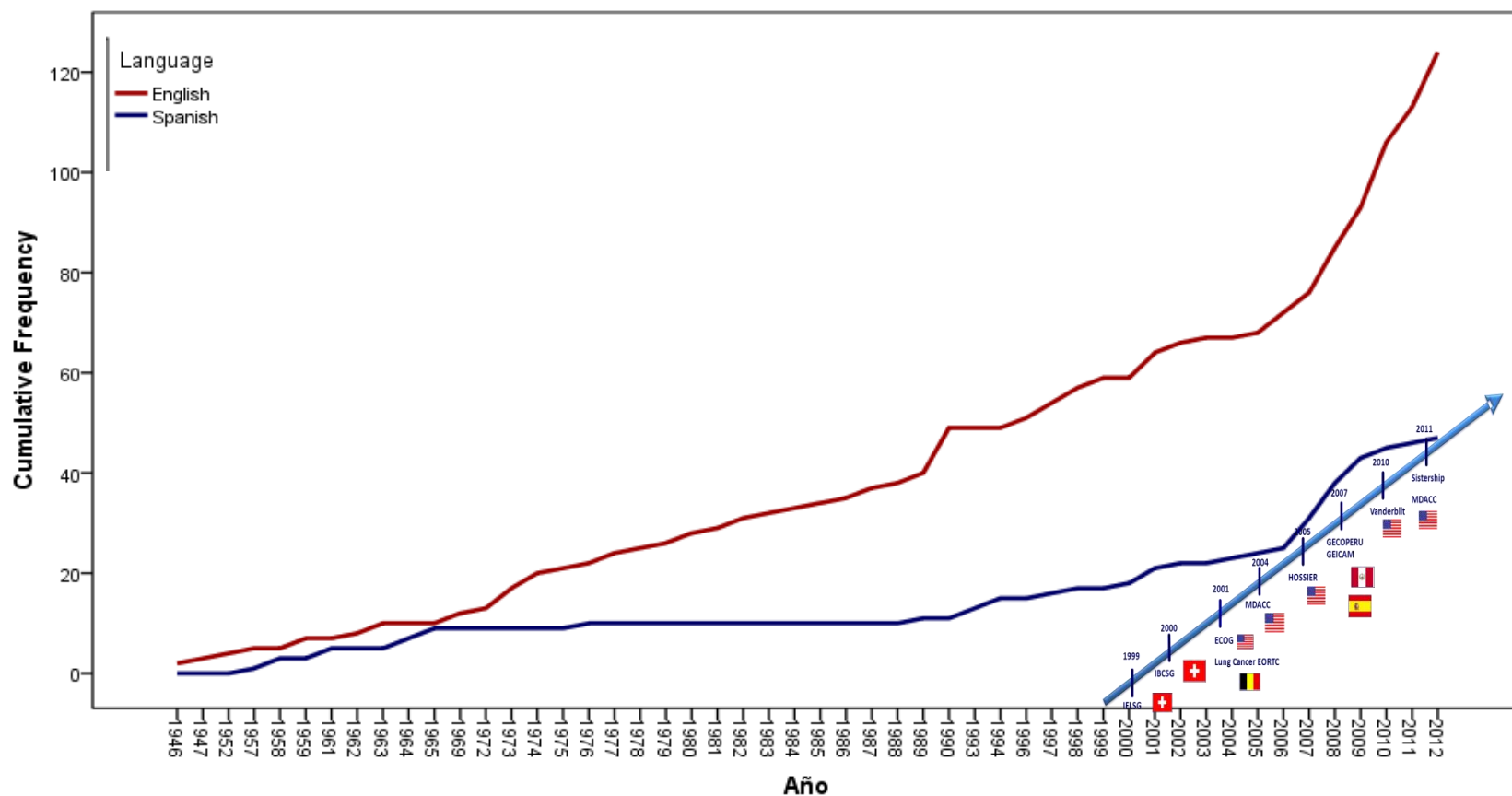
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Saad E D et al. Ann Oncol 2009;21:627-632

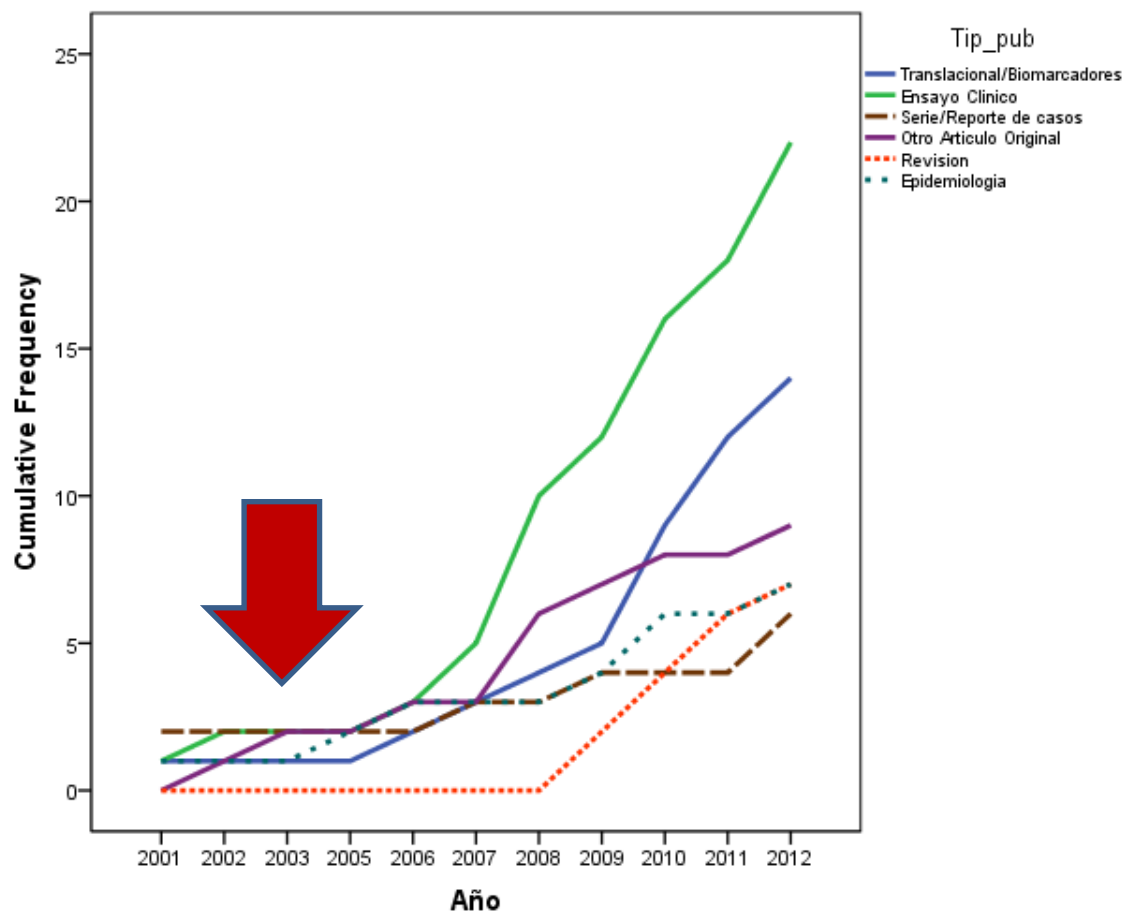
Strategic Alliances with Academic Groups, Universities and Institutes: Peruvian Experience



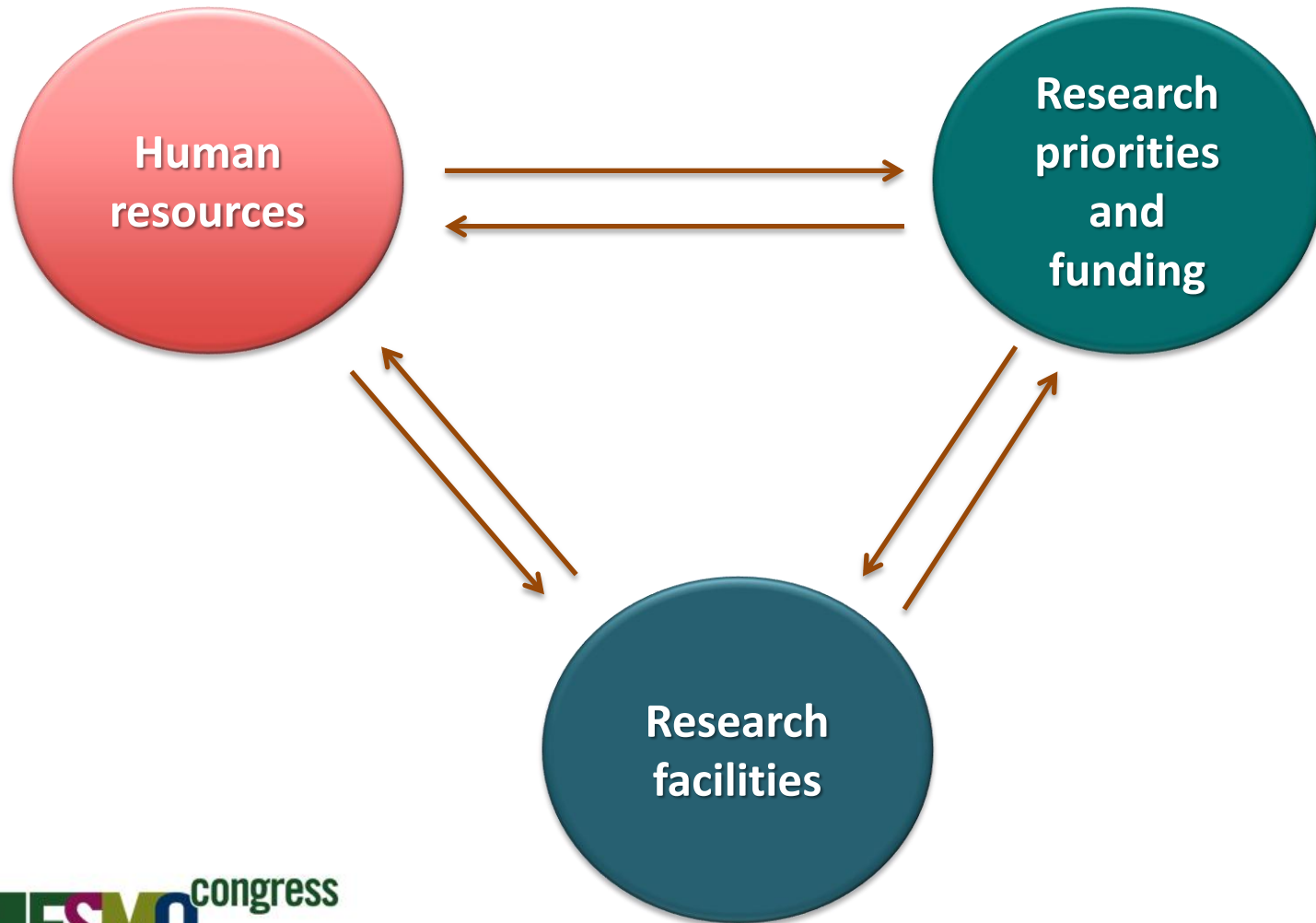
Influence of collaborative research in publications



Influence of clinical research in the type of publication



Factors involved in research



Site Characteristics in Latin America

Site

- Adequate regulations in Latin America.

Investigator

- Capacitation improvement in GCP-trained investigators

Management

- Standard logistic management of drugs and samples

Infrastructure

- Modern Infrastructure, like EDC (Electronic Data Capture), PET-CT, etc.

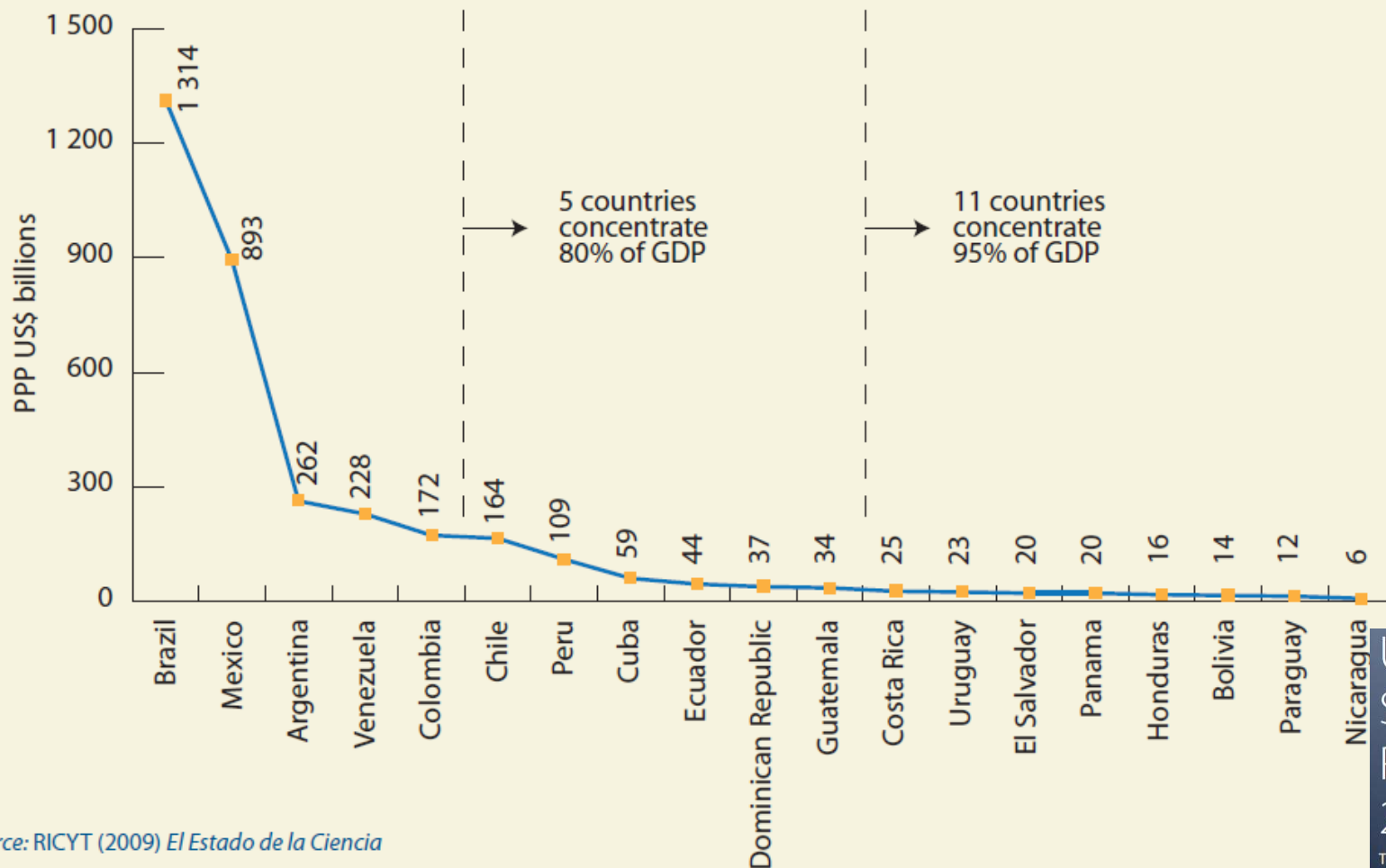
Financial

- Additional treatment low costs

Site

- Experience to prepare regulatory documents (know

Figure 1: Distribution of GDP in Latin America, 2007



Source: RICYT (2009) *El Estado de la Ciencia*

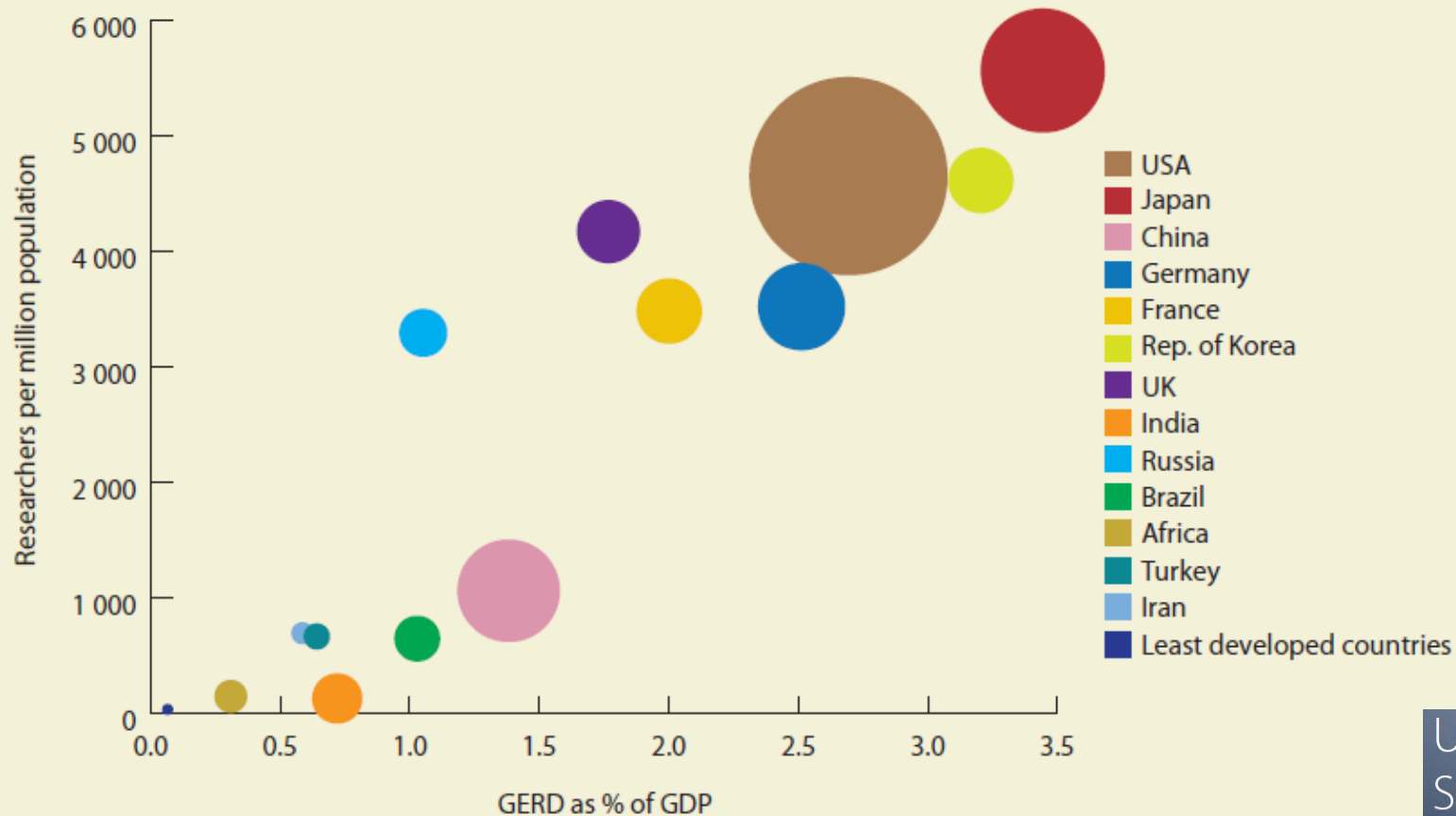
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around the World



Figure 2: Global investment in R&D in absolute and relative terms, 2007

For selected countries and regions



Note: The size of the circle reflects the size of GERD for the country or grouping.

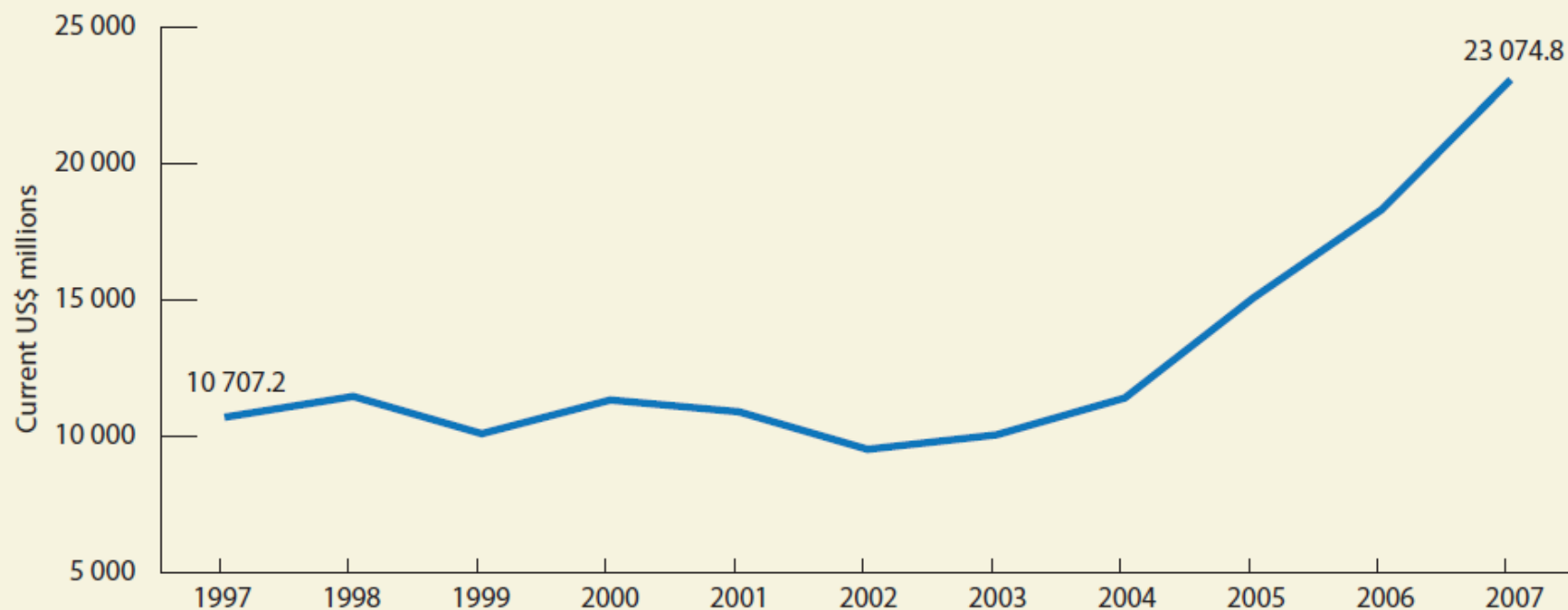
Source: UNU-MERIT based on data from the UNESCO Institute for Statistics and World Bank

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Figure 3: GERD in Latin America, 1997–2007



Note: does not include data for Venezuela and Dominican Republic

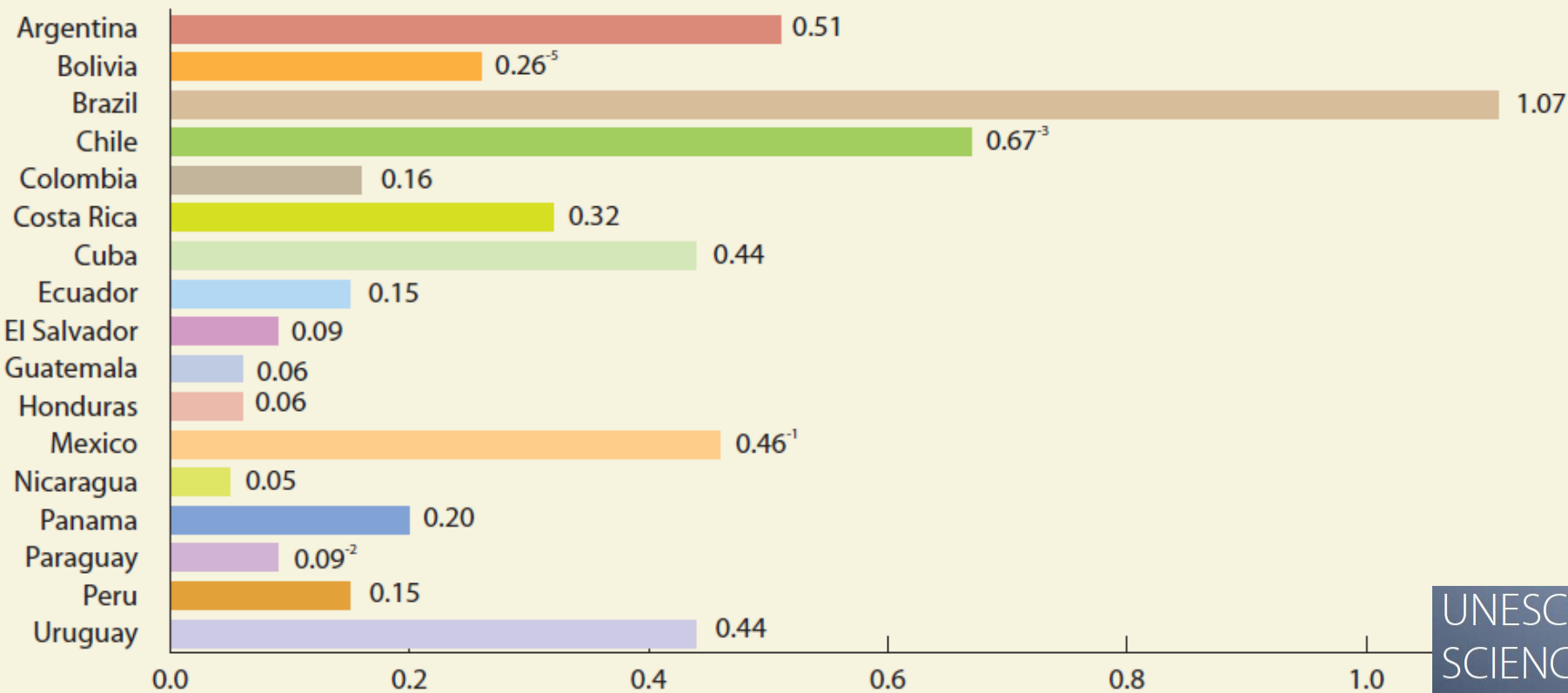
Source: RICYT (2009) *El Estado de la Ciencia*

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Figure 4: GERD/GDP ratio in Latin America, 2007 (%)



-n = data refer to n years before reference year

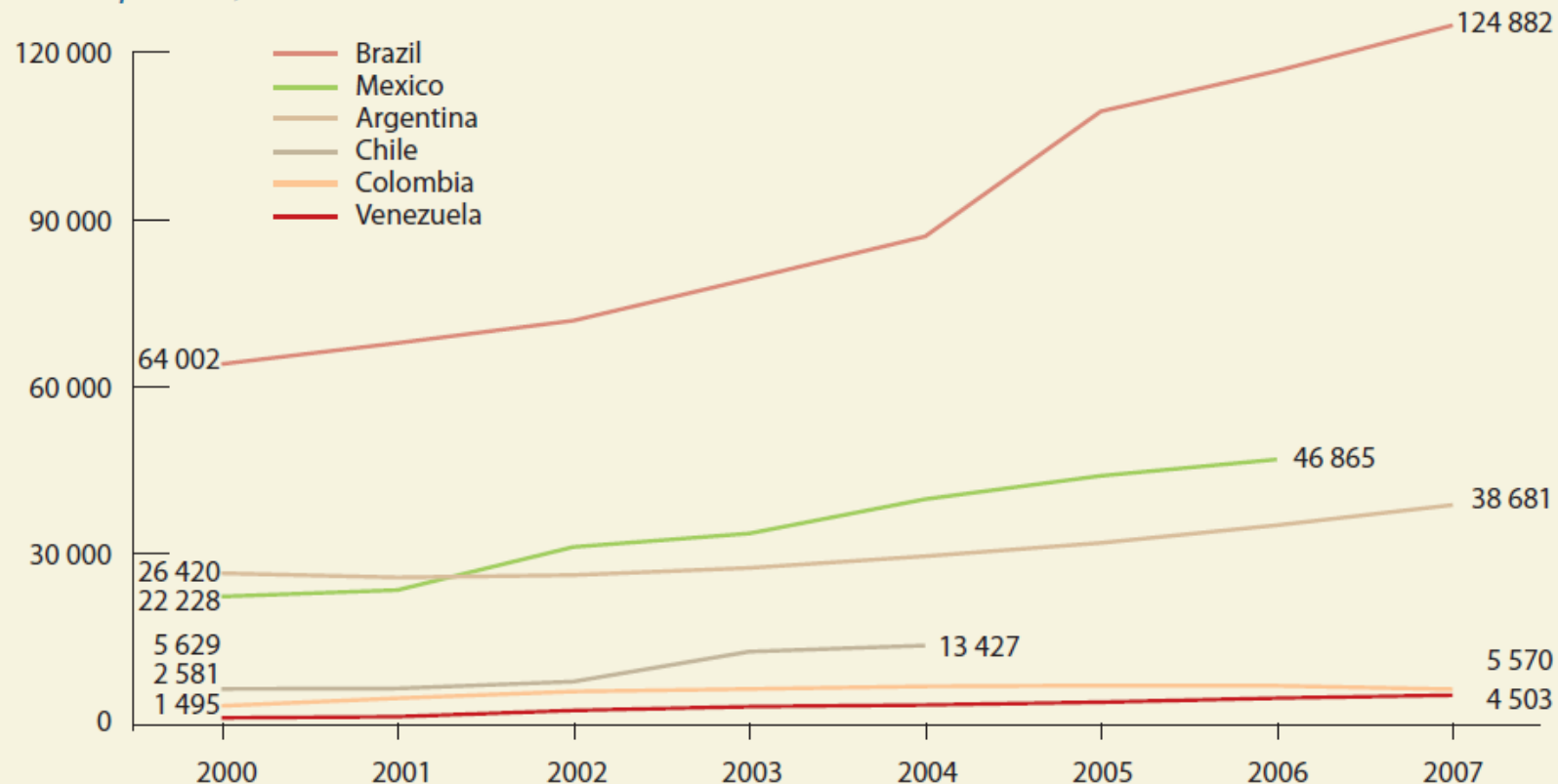
Source: RICYT (2009) *El Estado de la Ciencia*

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Figure 7: Researchers in Latin America, 2000–2007
Full-time equivalent, selected countries



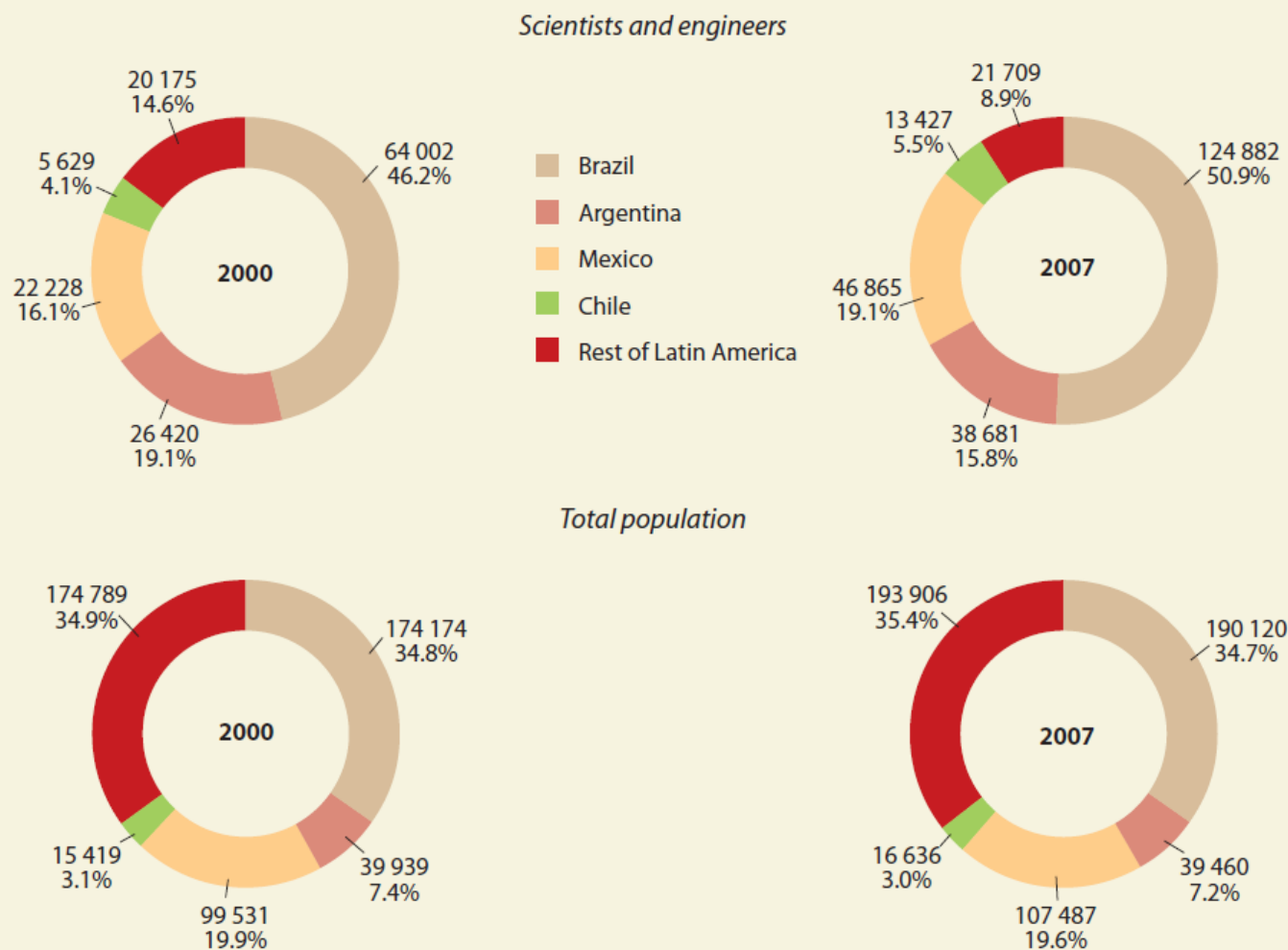
Source: RICYT (2009) *El Estado de la Ciencia*

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Figure 8: Distribution of scientists and engineers in Latin America, 2000 and 2007



Note: The most recent data are 2006 for Mexico and 2004 for Chile.

Source: RICYT (2009) *El Estado de la Ciencia*

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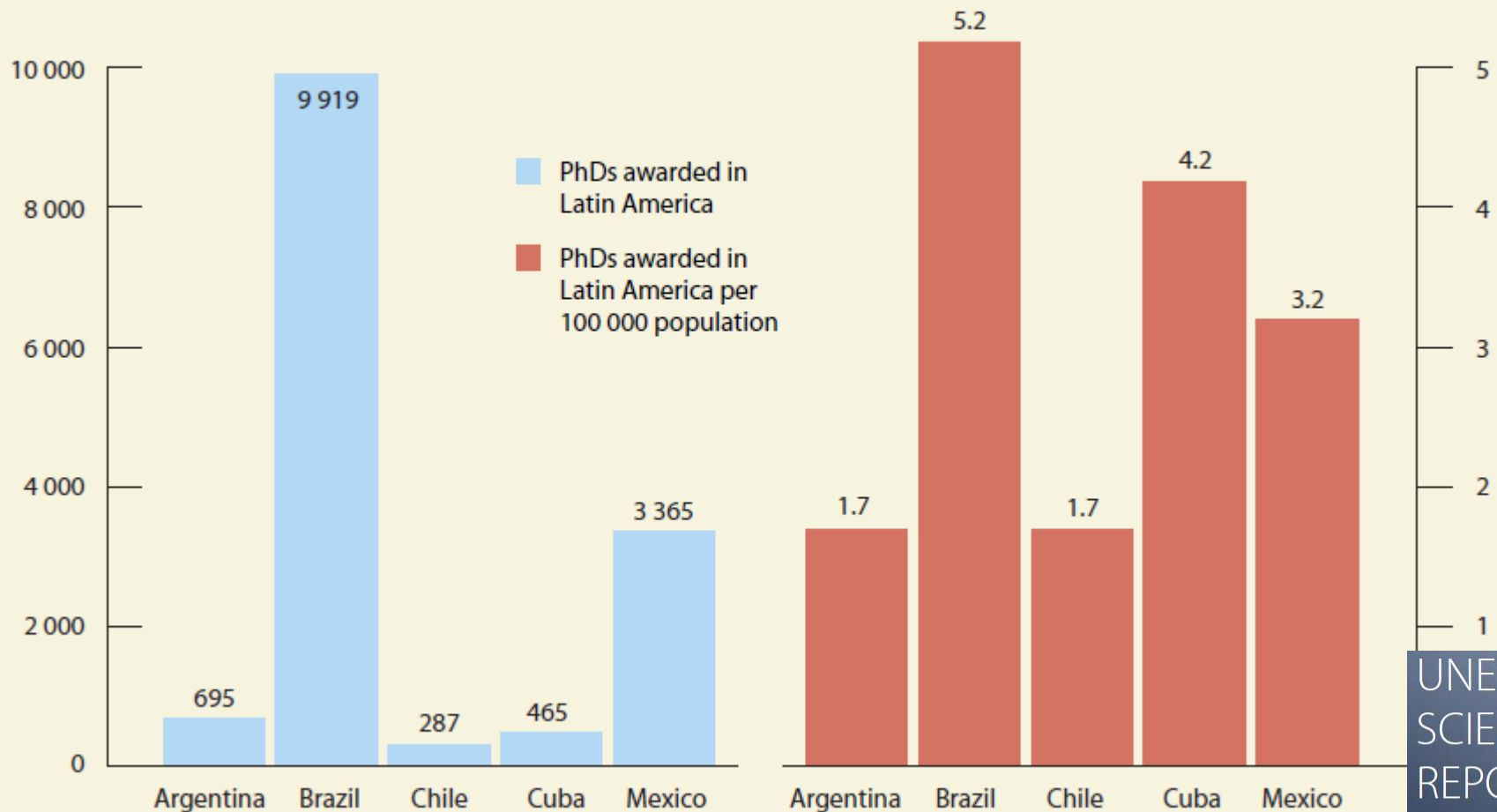


VIENNA
2012

ESMO congress

www.esmo2012.org

Figure 9: PhDs awarded in Latin America, 2007
Selected countries



Source: RICYT (2009) *El Estado de la Ciencia*

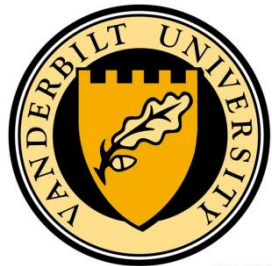
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Key Points to Achieve Excellence Performance in Clinical Trials

- ✓ Large academic trials
- ✓ New development treatment
- ✓ Translational Research
- ✓ Continuing Training



Hoosier Oncology Group, Inc.



International Breast Cancer Stud



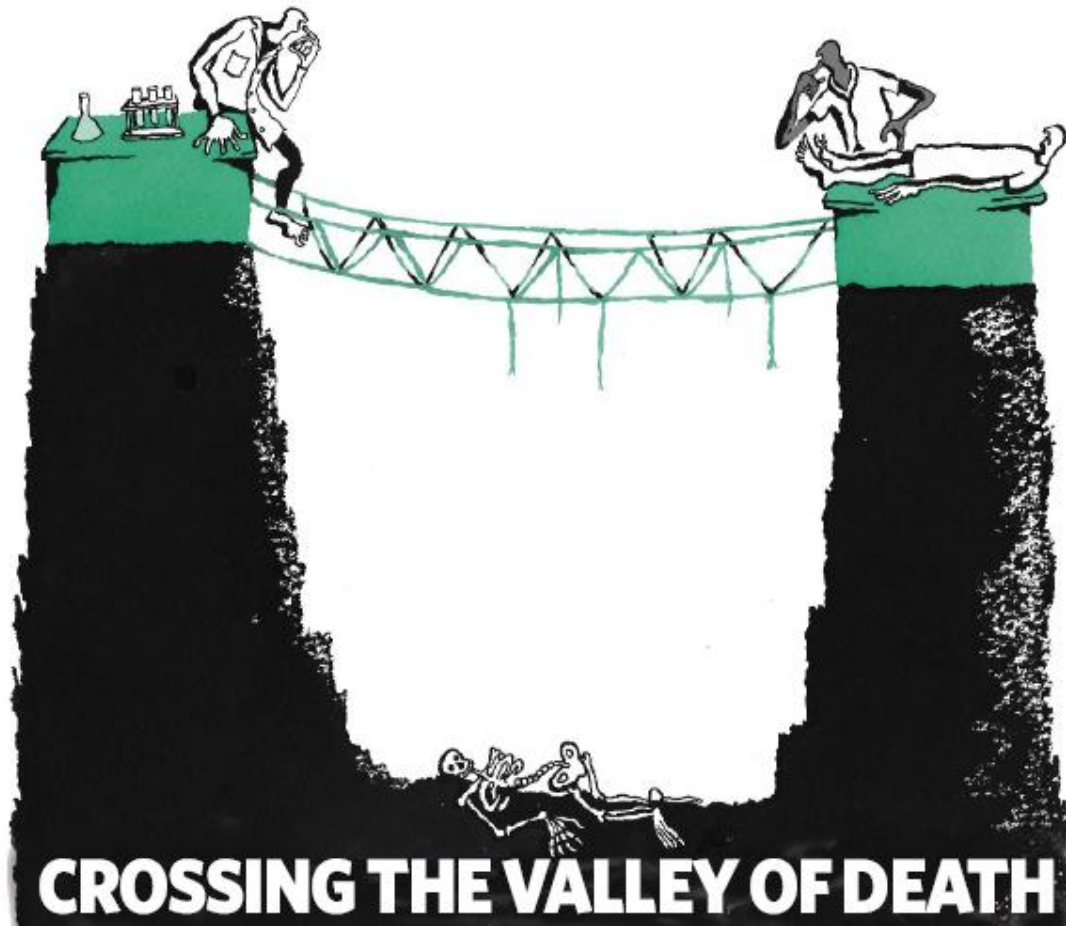
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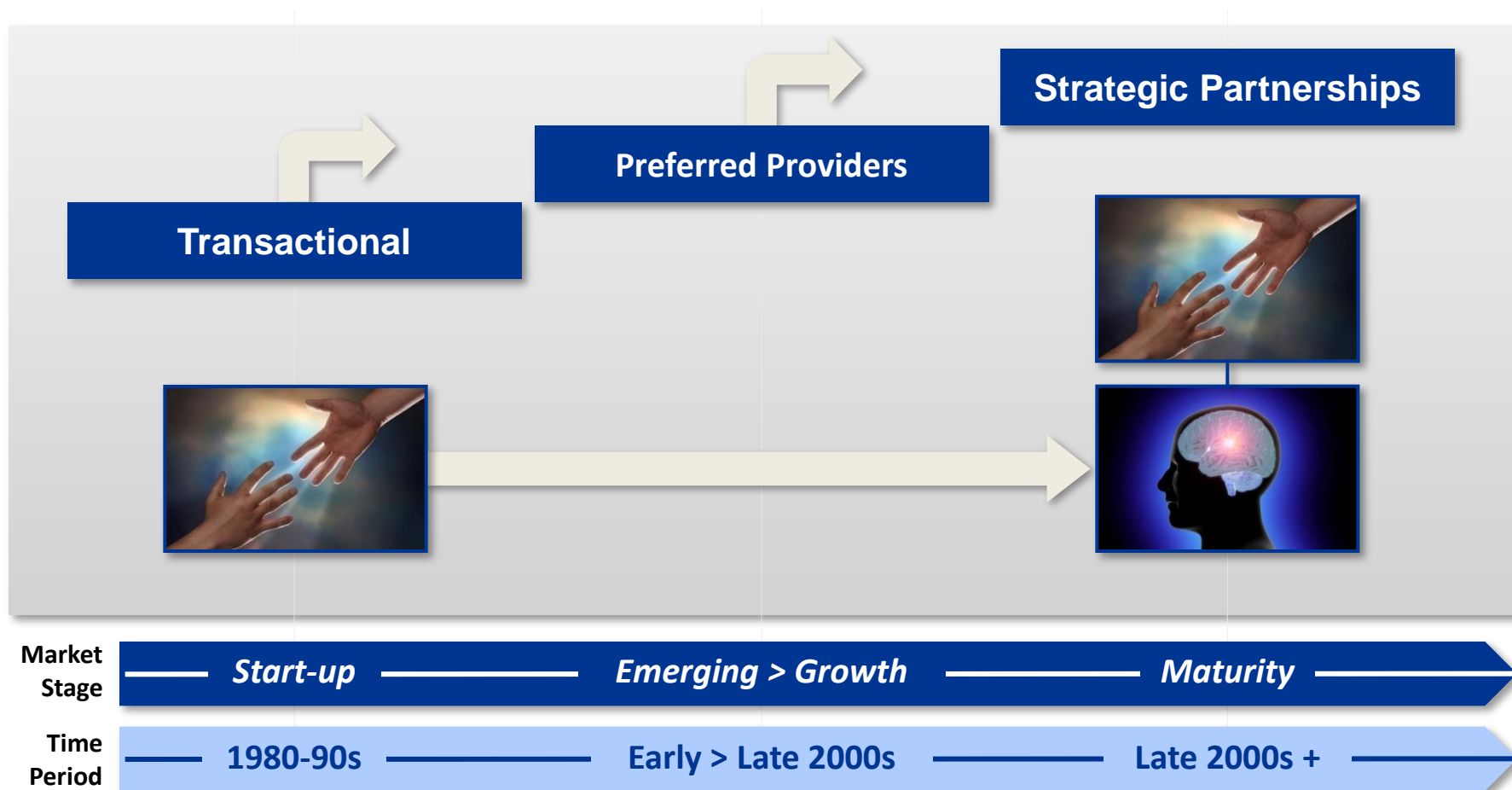


Involvement in Translational Research



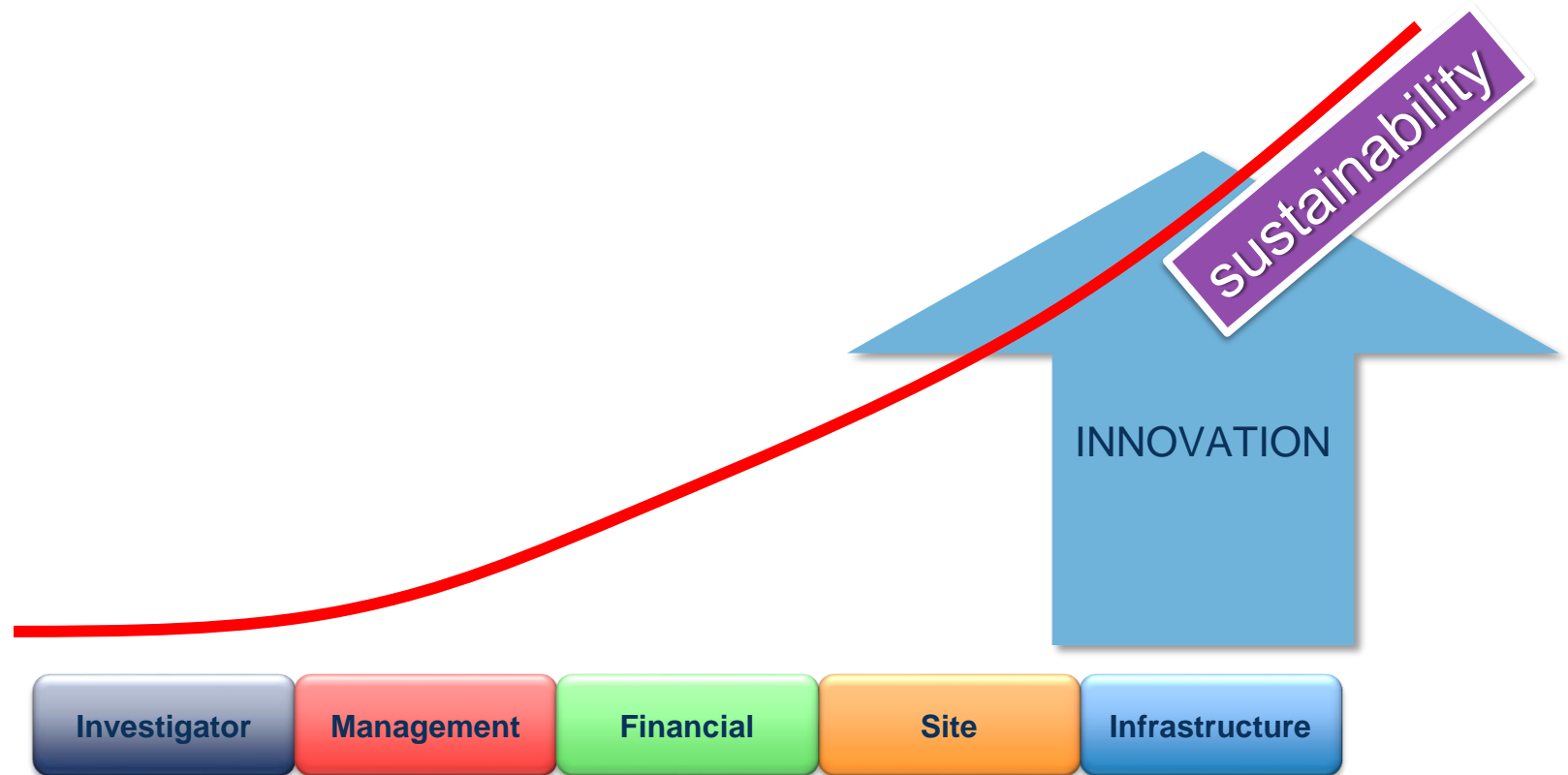
NATURE|Vol 453|12 June 2008

Evolution of participation in research



Source: Goldman Sachs, 2009

Value chain in low resource Scenarios



A low-angle shot of a modern, multi-story building with a glass facade. The building is white with a large glass section that reflects the sky and surrounding environment. The Oncosalud logo, consisting of a blue circular icon and the word "Oncosalud" in a blue sans-serif font, is mounted on the top edge of the building. The sky is a clear, deep blue with a few wispy clouds. A palm tree is visible on the right side of the building.

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THANKS!!!

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