Brazil – Ireland Research Event
Rio de Janeiro - 2018
National Strategy on ST & I Challenges

- Reduction of the scientific and technological gap that still separates Brazil from the more developed nations
- Expansion and consolidation of the Brazilian leadership in the natural knowledge economy
- Broadening the bases for environmental sustainability and the development of a low carbon economy
- Consolidation of Brazil's new international insertion standard
- Overcoming poverty and reducing social and regional inequalities
Brasil vai de 24º a 13º em ranking de pesquisa em 20 anos

Pesquisa da Thomson Reuters mostra que Brasil subiu onze posições entre as 25 nações com mais produções científicas

Por Guilherme Dearo
Postado 1 nov 2014, 10h30
Internationalization as strategy of excellence in research
Evolution of international collaboration
Evolution of international collaboration

AUSTRÁLIA

COREIA DO SUL

ARGENTINA

MÉXICO
Evolution of international collaboration

BRASIL

% International Collaboration

Relationship between Internationalization and Visibility
Internationalization and Visibility – Made in Brazil

Original Research
Special Report

Congenital Brain Abnormalities and Zika Virus: What the Radiologist Can Expect to See Prenatally and Postnatally

BRASIL
UFRJ
UNIFESP
INSTITUTO DE PESQUISA JOAQUIM AMORIM NETO
MATERINIDADE INSTITUTO DE SAÚDE ELPÍDIO DE ALMEIDA
FACULDADE DE CIÊNCIAS MÉDICAS DE CAMPINA GRANDE
INSTITUTO CÉREBRO
FUNDACAO DE MEDICINA FETAL LATINO AMERICANA
FAPERJ
INSTITUTO D’OR

ISRAEL
LIS MATERNITY & WOMEN’S HOSPITAL
TEL AVIV UNIVERSITY
EUA
HARVARD MEDICAL SCHOOL
BOSTON CHILDREN’S HOSPITAL

Science

Zika virus impairs growth in human neurospheres and brain organoids

Patricia R. Garcez1, Erick Correa-Leite1, Rodrigo Mamede Costa2, Laetitia M. Higa2, Pablo Trinidad2, Rodrigo Dendebo2, Juliana Miranda Nascimento2, Rodrigo Brandão2, Américo Tanaka2, Steven K. Rehn2

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Células-tronco produzidas no Brasil podem ajudar no avanço em pesquisas de transtornos mentais

Utilizando técnicas de reprogramação celular, pesquisadores cariocas desenvolvem células-tronco a partir do urina e pele de pacientes

D’OR INSTITUTE FOR RESEARCH AND EDUCATION
Impact of international cooperation: Brazil and Sweden
Cooperation with Ireland

1) Support for the RBI event - Research Brazil Ireland: Bridge for Progress - researchers funding - 2015 - Ely Antônio Tadeu Dirani (PUCSP) - Nandamudi Lankalapalli Vijaykumar (INPE) - Valéria de Mello Coelho (UFRJ)

2) Participation of CGCIN / CNPq in RBI seminars

3) Approval of the Draft Senate Resolution (PRS) 6/2014: Brazil-Ireland Parliamentary Group - to encourage and develop relations between the legislative powers of the two countries

4) Science without Borders: +3000 fellows (CAPES / CNPq)

5) Horizon 2020 (European Union) - funding and collaboration program - important initiative that has guaranteed investment in hundreds of collaborations between researchers from both countries.

6) After the closure of calls within the CSF, there have been no new contacts with Irish institutions in recent years.
National Concil for Scientific and Technological Development  CNPq

The main funding agency of Brazilian Government.

Mission
To Foster Science, Technology, Innovation and to contribute to national policies, aiming at expanding the frontiers of knowledge and supporting sustainable development.
Admiral Álvaro Alberto da Motta e Silva

In May 1946, Admiral Álvaro Alberto da Motta e Silva (training engineer), a Brazilian representative in the Atomic Energy Commission of the Security Council of the recently created United Nations (UN), proposed to the government, through ABC, the creation of a National Research Council.
CNPq in numbers – 2017

Scholarship 83.353 /ano

Research Projects 8.479 /ano

Partner Institutions 1.553
## Research promotion tools

### Ações em Parcerias com os Estados
- PPP
- PRONEM
- PRONEX
- PIBIC
- PPSUS
- DCR

### Fomento à Ciência e Tecnologia
- Estímulo à pesquisa
- Iniciação à pesquisa
- Desenvolvimento Tecnológico, e Inovação

#### Bolsas de Pesquisa
- Formação e qualificação de pesquisadores

#### Edital Universal
- Chamadas Temáticas
- Difusão Popularização

### Internacionalização da C&T

### INCT

### Parceria com Ministérios & Agências

### Fomento a Inovação
- RHAEP
- Pesquisador na Empresa
- Energia
- Biotec.
- TIC

### Bolsas de Fomento Tecnológico
- BJT
- DAI

### START-UP BR

Where we are investing
Some programs and actions

- National Biodiversity Research System (Sisbiota)
- Institutional Programs for Scientific and Technological Initiation (ICT)
- Biodiversity Research (PPBio)
- Nanotechnology
- Taxonomy Training (PROTAX)
- Archipelago and Ocean Islands
- Biodiversity and Biotechnology Network of the Legal Amazon

IET Summit 2017
Looking forward to seeing you in CNPq!