



Brazil – Ireland Research Event

Rio de Janeiro - 2018



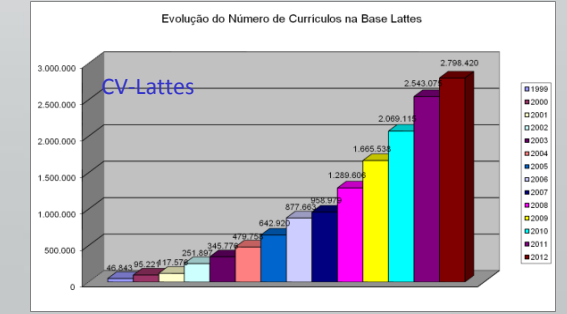
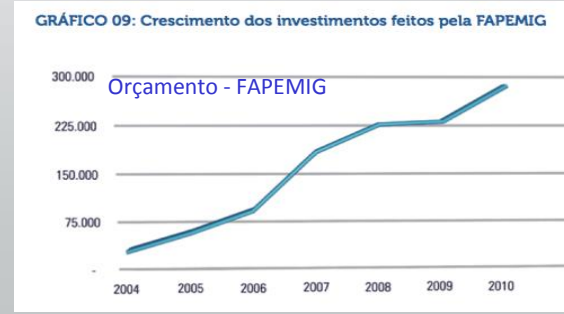
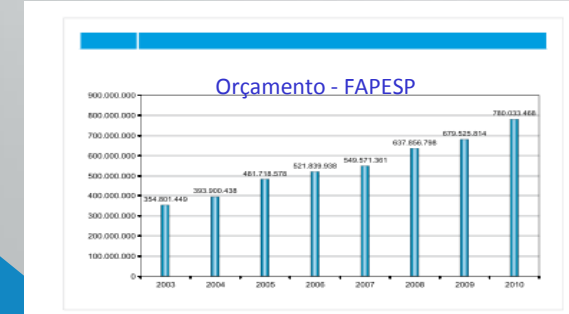
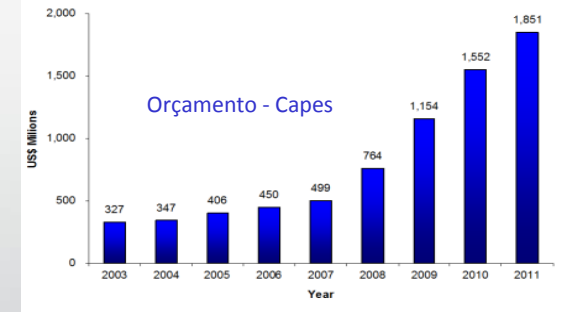
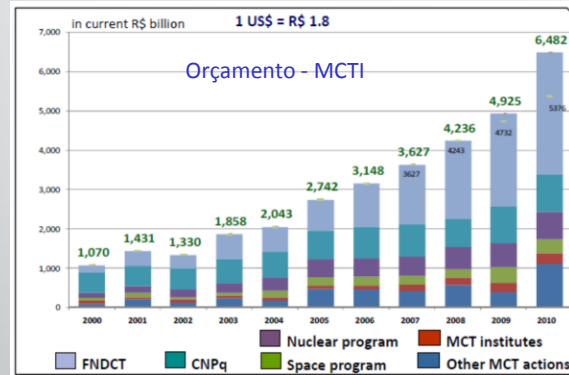
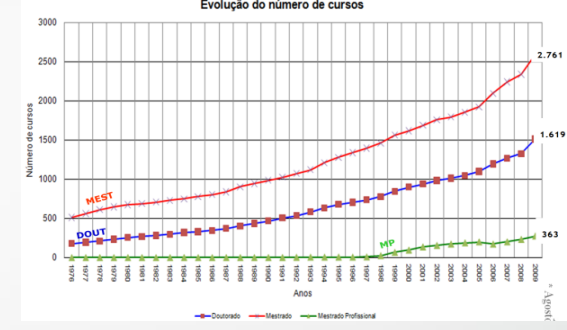
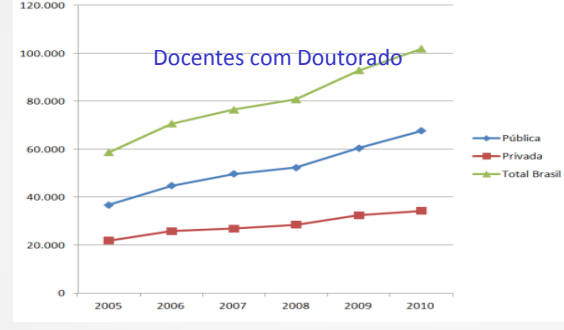
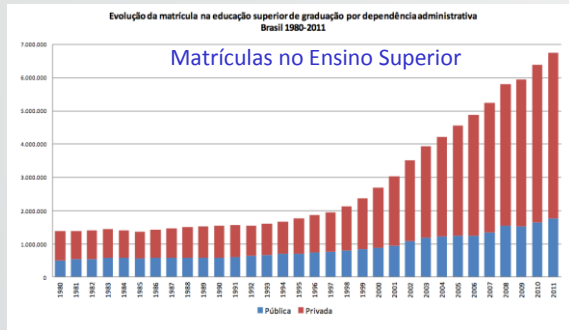
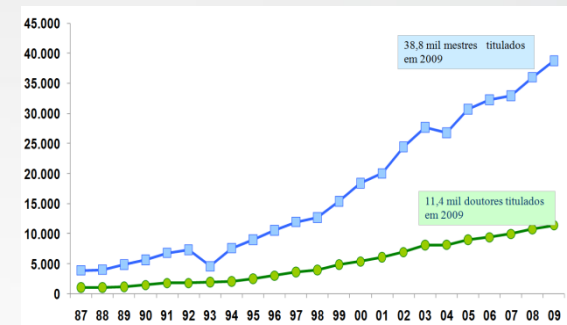
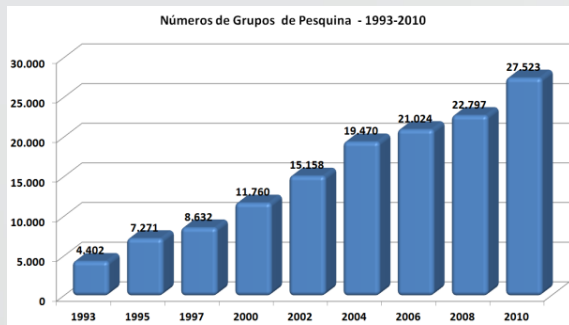


Context

Science, Technology and Innovation

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 24° a 13° 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**

© 1 nov 2014, 10h30



Internationalization as strategy of excellence in research



Evolution of international collaboration

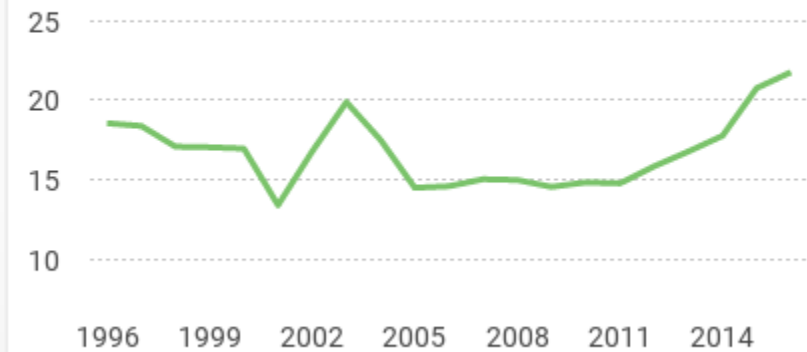
EUA

● % International Collaboration



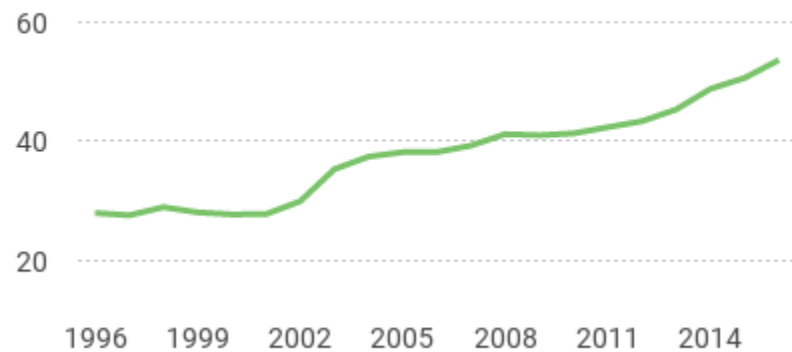
CHINA

● % International Collaboration



REINO UNIDO

● % International Collaboration



ALEMANHA

● % International Collaboration



Evolution of international collaboration

AUSTRÁLIA



COREIA DO SUL



ARGENTINA



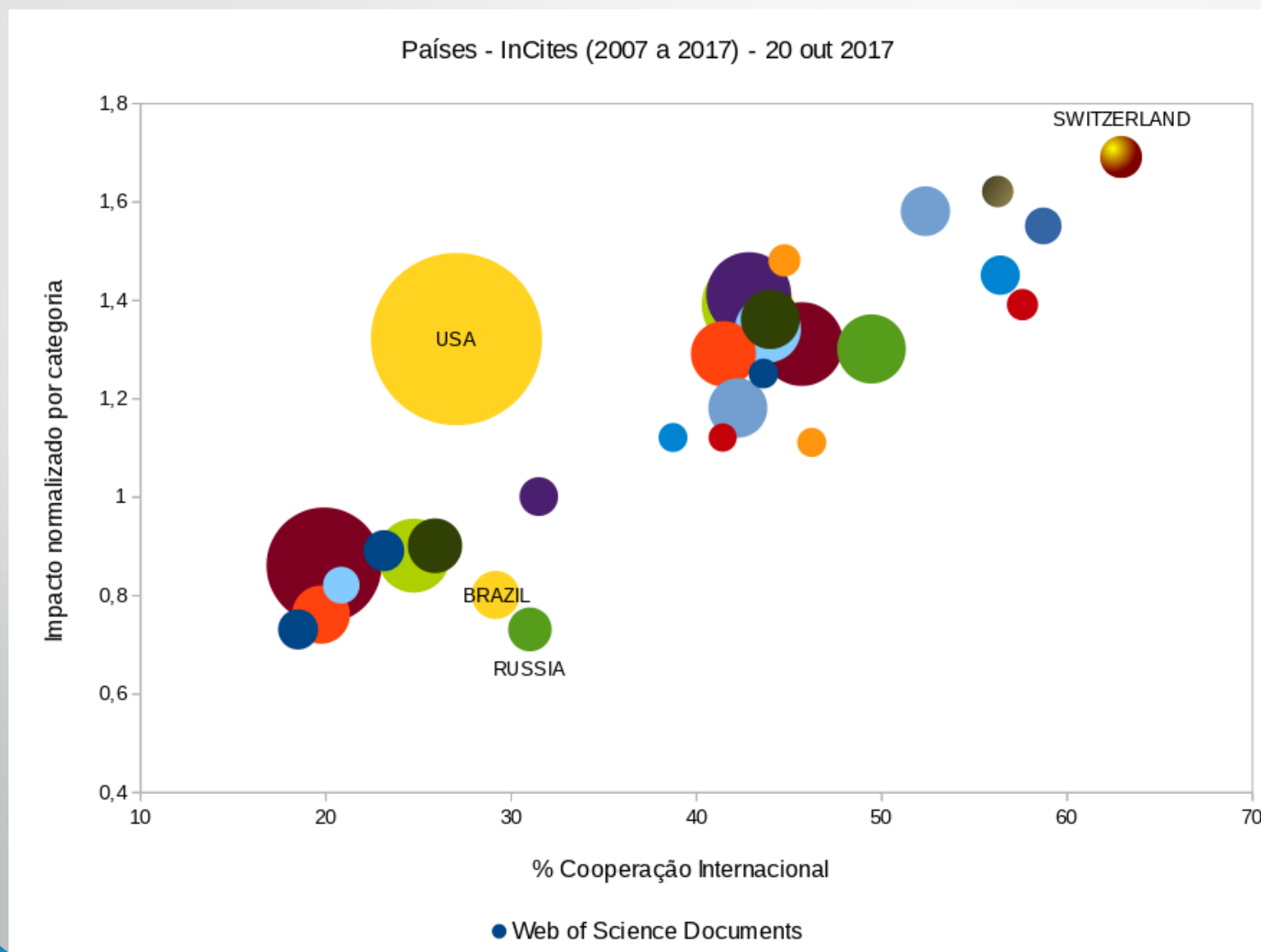
MÉXICO



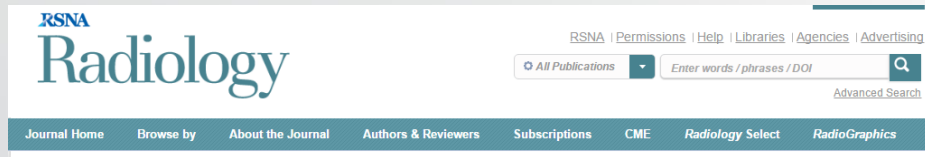
Evolution of international collaboration



Relationship between Internationalization and Visibility

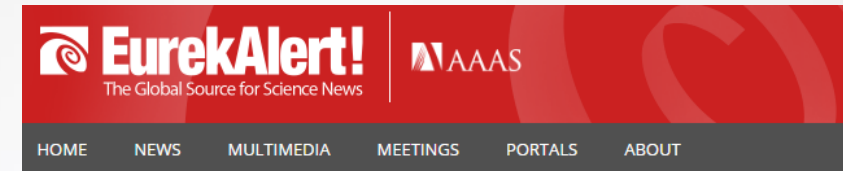


Internationalization and Visibility– Made in Brazil



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

BRASIL	ISRAEL	<p>Images obtained in the case of a 34-year-old woman with confirmed Zika virus infection. Initially seen for a rash at 8 weeks of gestation. Fetal head circumference was in the normal range at 12 and 16 weeks but then decreased to the 10th percentile at 22 weeks and was below the 3rd percentile in subsequent imaging examinations. Photograph of the neonate after birth. RSN.</p>
UFRJ	LIS MATERNITY & WOMEN'S HOSPITAL	
UNIFESP	TEL AVIV UNIVERSITY	
INSTITUTO DE PESQUISA JOAQUIM AMORIM NETO		
MATERNIDADE INSTITUTO DE SAÚDE ELPÍDIO DE ALMEIDA	EUA	
FACULDADE DE CIÊNCIAS MÉDICAS DE CAMPINA GRANDE	HARVARD MEDICAL SCHOOL	
INSTITUTO CÉREBRO	BOSTON CHILDREN'S HOSPITAL	
FUNDAÇÃO DE MEDICINA FETAL LATINO AMERICANA		
FAPERJ		
INSTITUTO D'OR		



PUBLIC RELEASE: 1-NOV-2016

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 da urina e pele de pacientes

D'OR INSTITUTE FOR RESEARCH AND EDUCATION



SHARE REPORT

Zika virus impairs growth in human neurospheres and brain organoids

Patricia P. Garcez^{1,2,*}, Erick Correia Loliola^{2,1}, Rodrigo Madeiro da Costa^{2,1}, Luíza M. Higa^{3,4}, Pablo Trindade^{2,1}, Rodrigo Delvecchio³, Juliana Minardi Nascimento^{2,4}, Rodrigo Brindeiro³, Amílcar Tanuri¹, Stevens K. Rehen^{1,3,4}

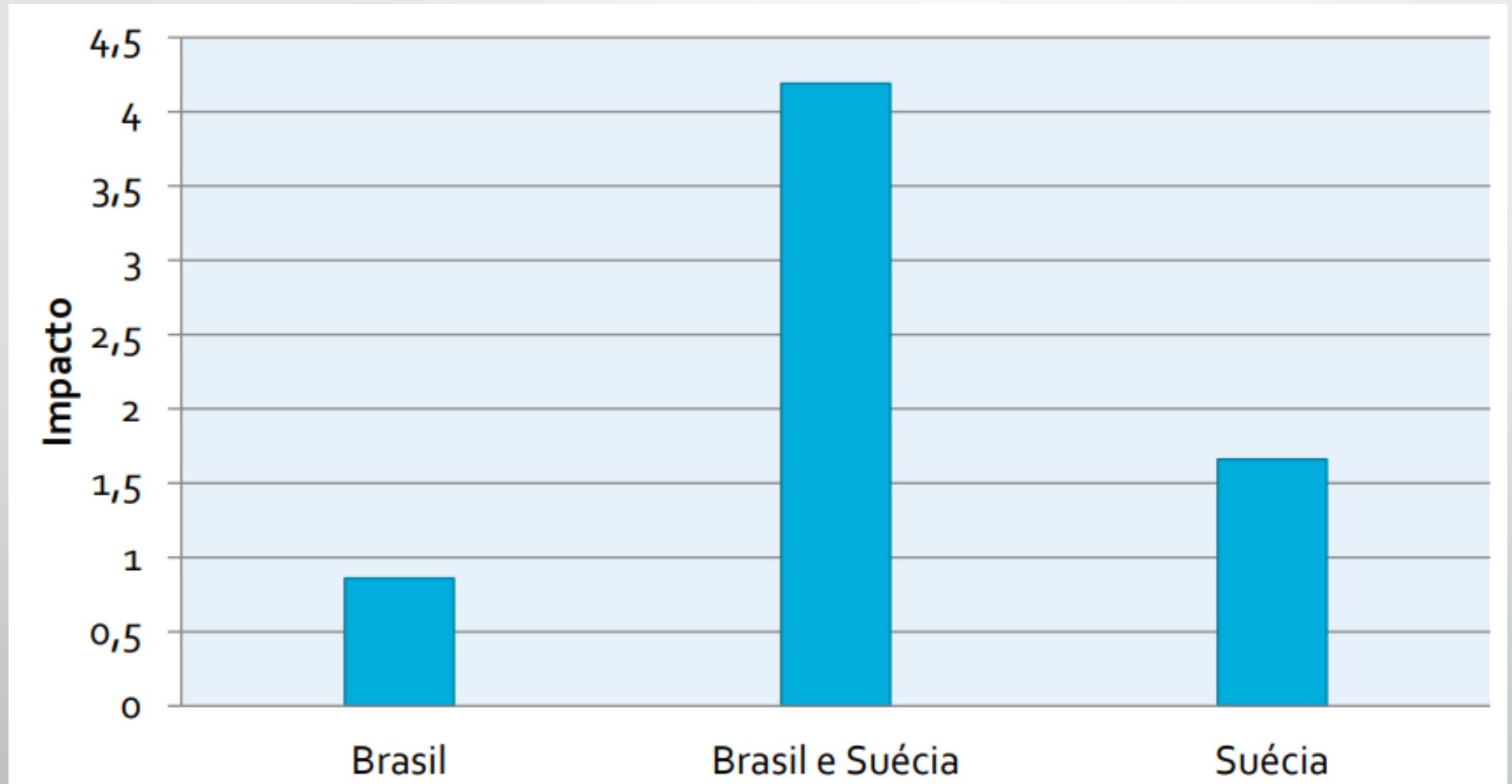
* Author Affiliations

¹Corresponding author. Email: pgarcez@icc.ufrj.br (P.P.G.); srehen@science.ufrj.br (S.K.R.)

[†] These authors contributed equally to this work.

Science 30 Apr 2016

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 Council for Scientific and Technological Development CNPq

.The main funding agency of Brazilian Governament.

.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

Bolsas de Pesquisa

Estimulo à pesquisa	Formação e qualificação de pesquisadores
Iniciação à pesquisa	Desenvolvimento Tecnológico, e Inovação

Fomento à Ciência e Tecnologia

Edital Universal	Chamadas Temáticas	Difusão Popularização
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Internacionalização da C&T

INCT

Parceria com Ministérios & Agências

Ações em Parcerias com os Estados

PPP

PRONEM

PRONEX

PIBIC

PPSUS

DCR

Fomento a Inovação

RHAE Pesquisador na Empresa

Energia

Biotec.

TIC

Bolsas de Fomento Tecnológico

BJT

DAI

START-UP BR

Where we are investing



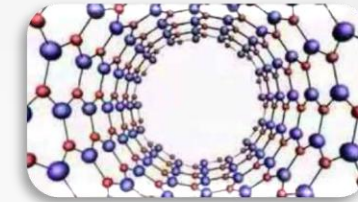
Some programs and actions



National Biodiversity Research System (Sisbiota)



Institutional Programs for Scientific and Technological Initiation (ICT)



Nanotechnology



Women and Science

Taxonomy Training (PROTAX)



Biodiversity Research (PPBio)



Archipelago and Ocean Islands



Biodiversity and Biotechnology Network of the Legal Amazon



Looking forward to seeing
you in CNPq!

