

# II BRISPE

Second Brazilian Meeting on Research Integrity,  
Science and Publication Ethics

IBqM/UFRJ & COOPE • FIOCRUZ • USP • PUCRS

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# **Roundtable: Copyright, Intellectual Property & Ethical Issues in Patenting in Biotechnology and Engineering Sciences**

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# Diagnostics\*

- ▶ Government – public domain is not enough to generate economic and social benefits
- ▶ Laws and rules regulating the exploitation of IP in STI (Bayh–Dole and others), as a stimulus for innovation
- ▶ Awareness of the academy about the value of IP;
  - Review of IP policies
  - Need for greater dissemination of policies between the academic community
- ▶ Strengthen capacity for IP management in STI
  - IP has become an integral part of the management of research

\* Based on *Turning Science into Business, 2003* – Survey carried out in 2001 in 13 countries.

# Impacts on the STIs mission

- ▶ Increased interaction with companies
  - Confidentiality X public domain
  - Introduction of the concept of business in the academia
- ▶ Research results: protecting and/or publishing
  - Academic evaluation policy
- ▶ New forms of knowledge transfer
  - IP licensing and technology commercialization
  - Participation of faculty in start-ups companies
- ▶ Lead to conflicts of interest

Answers require balance between the mission of research and commercialization

# Scenario in Brazil

- ▶ New legislation and governmental programs have changed the Brazilian STI scenario
  - The interaction between STI and Companies becomes a part of the STI research agenda
  - Brazilian universities realized the importance of the intellectual property protection
  - The emergence of specified Offices (NITs) and new innovation management mechanisms

# What's FORTEC?

It's a forum representing those responsible at universities and research institutes by management of innovation policies and activities related to intellectual property and technology transfer.

It was created in 2006, May 1st.

204 public and private STIs.

Website: [www.fortec-br.org](http://www.fortec-br.org)



**Created in March, 2005, the Technology Transfer Office aims to enhance research activity at PUCRS, through the management of Intellectual Property and Technology Transfer.**



## Mission

*“Protecting the intellectual assets of the University and promote the transfer of research results to the productive sector, seeking to strengthen and expand the insertion of PUCRS in society”*

## Main areas

- *Protection of Intellectual Property*
  - *Technology Transfer*
  - *Support to R&D projects*
  - *Training*



# PUCRS IP Policies

- **Resolutions n°s 01 /2007 and 02/2007**

- Establishes the guidelines for the Institutional Policy of Industrial Property and Technology Transfer of PUCRS (01 /07) and Software (02/2007)

- **Main Topics**

- Ownerships rights
- Inventor rights and obligations
  - Confidentiality
  - Disclosure
  - Protect
- Invention disclosure
- Registration Process
- Technology transfer
- Participation of researchers in economic benefits
- Biological Material Transfer
- IP Rights in joint R&D projects
- Enforcement

# Indicators

- ▶ 79 filed patents in Brazil
  - 1 granted
- ▶ 37 filed patents abroad
  - 1 granted in USA, Japan, Korea and China
  - 1 granted in USA
- ▶ 11 registered *softwares*
- ▶ 74 registered trademarks
- ▶ 2 patents licensed to a Brazilian pharmaceutical lab
- ▶ 1 *know how* transfer agreement

**Thank you!**

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