

# Metodología Científica Tarea 1

Luis Angel

January 2022

## 1 Introduction

El presente documento contiene los requerimientos de Anteproyectos doctorales de 5 universidades extranjeras. Contiene la estructura de la propuesta que se sugiere.

## 2 University of São Paulo, São Paulo, Brazil <sup>1</sup>

1. Introduction
  2. Definitions
  3. OIC Structure
    - 3.1 Composition, Management and Committees Structure
    - 3.2 Support to host Institution and Partner Institution
    - 3.3 Participation of the Company
    - 3.4 OIC Research, Innovation e Dissemination Outputs
  4. Support offered by FAPESP and the Company
    - 4.1 Items that may be funded by FAPESP
    - 4.2 Company funding
    - 4.3 Required Institutional Support
  5. Proposal Presentation and Minimum Requirements
  6. Proposal Review and Selection Criteria
    - 6.1 Objects of Review
  7. Timeline
  8. Implementation of the Approved Proposal
- ANNEX I: Detailed Description of Technology Areas and Topics of Interest
- ANNEX II: Proposal Format
- ANNEX III: Items Funded by FAPESP and by the Company
- ANNEX IV: Compliance with Laws, Ethics and Business Principles

---

<sup>1</sup><https://fapesp.br/15248/call-for-research-proposals-shell-brasil-fapesp-engineering-research-center-erc>

### 3 Leibniz Universität-Hannover <sup>2</sup>

institute

project title

project description

required skills

contact/ supervisor

### 4 Université Grenoble Alpes <sup>3</sup>

-Contexto científico y/o tecnológico, objetivos del proyecto y posicionamiento en el escenarios locales, nacionales e internacionales (1 página)  
- Programa científico / Metodología / Resultados esperados (2 páginas)  
- Organización del proyecto: cronograma, personal involucrado y porcentaje de tiempo previsto, asociaciones, uso de créditos, colaboraciones planificadas (1 página)

### 5 National Center for Biotechnology Information, U.S. National Library of Medicine <sup>4</sup>

- Introduction
- Review of literature
- Aims and objectives
- Research design and method
- Ethical considerations
- Budget
- Appendices
- Citations

---

<sup>2</sup>[https://www.uni-hannover.de/fileadmin/Internationales/Science\\_and\\_Engineering/VIPile\\_1SD.pdf](https://www.uni-hannover.de/fileadmin/Internationales/Science_and_Engineering/VIPile_1SD.pdf)

<sup>3</sup>[https://arcane.univ-grenoble-alpes.fr/sites/labex-arcane/files/Mediatheque/guide\\_de\\_l'application\\_dr2021.pdf](https://arcane.univ-grenoble-alpes.fr/sites/labex-arcane/files/Mediatheque/guide_de_l'application_dr2021.pdf)

<sup>4</sup><https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5037942/>

## 6 University of Houston <sup>5</sup>

- Introduction
- Problem Statement
- Objectives
- Preliminary Literature Review
- Methodology

## 7 Mi propuesta

- Introducción
- Estado del arte
- Metodología
- Análisis teórico del modelo matemático
- Diseño del experimento computacional
- Presentación de los resultados
- Análisis de los resultados
- Conclusiones
- Limitaciones de la investigación
- Trabajo futuro
- Bibliografía

---

<sup>5</sup><https://www.uh.edu/lson5/documents/A20sample20proposal20with20comment.pdf>