

Muriel Hinard Pádua

- PhD in Technology and Innovation Management, University of Brighton, under the supervision of Professor John Bessant and Professor Nick von Tunzelment (2008)
- Master of Science in Technology and Innovation Management, University of Sussex, SPRU, under the Supervision of Professor Nick von Tunzelman and Dr. Sandy Thomas (1996)
- Degree in Psychology, Classical University (1993)

## Publications

### 1) Thesis

Pádua, M. (2008). Search models and ill-structured problems: a case study on the development of an HIV vaccine. PhD Thesis submitted to the University of Brighton.

Padua, M., (1996). Is Biotechnology Diffusion relevant for Portugal?, Master of Science in Innovation and Technology Management at Science Policy Research Unit (SPRU), University of Sussex.

### 2) Papers

#### 2.1) Papers in international scientific periodicals with referees

Hinard de Padua, M., Duarte, J.D, von Tunzelman, N. Biotechnology in an Intermediate Economy. Demand and supply in Portugal, International Journal of Biotechnology 2002 - Vol. 4, No.2/3 pp. 129-151

Fontes, M, Padua, M, 2002, The impact of biotechnology pervasiveness and user heterogeneity on the organisation of public sector research, Technology Analysis and Strategic Management, Number: 4 Page: 419

#### 2.2. Papers submitted to journals

Pádua, M., Are there rules in games against nature? Lessons learnt from the development of an HIV vaccine, invited for a proposal to be submitted to Research Policy on the Tentative Governance of emergent scientific and technology systems, coordinated by Professor *Stefan* Kuhlmann. If the proposal is accepted, the paper will be published in 2012

#### 2.3. Papers in national periodicals with referees

Fontes, M, Padua, M 2002, "O papel das Instituições de Ciência e Tecnologia na Produção e Difusão do Conhecimento em Biotecnologia", Revista Portuguesa de Gestão, 17 (1).

#### 2.4. Papers in conference proceedings

Pádua, M, Custódio, L., Gilson L., (2010), "A problem centered approach to (radical) innovation: insights gained from the development of an HIV vaccine", paper presented at the International Academy of Management, 30 september-2nd october, Northeast Chapter, Quinnipiac University, US

#### 2.5. Papers presented at Conferences

Pádua, Orsenigo L., Custodio L. (2011). "On the structure of ill-structured problems: an empirical study on the development of HIV vaccine", presented at Dime final conference, 6-8th April, Maastricht

Pádua, M, Custódio, L., Gilson L., (2011), "A problem centered approach to (radical) innovation: insights gained from the development of an HIV vaccine, paper presented at the 7th European meeting of Applied Evolutionary Economics, February 14-16, 2011, Pisa, Italy

Pádua, M., (2010), Are there rules in games against nature? Lessons learnt from the development of an HIV vaccine, presented at the conference "Tentative governance of emergent scientific and technology systems", University of Twente, 28, 29th October 2010.

Pádua, M., Gallo E., Stenner P., (2010), Is the systematic disqualifications of emotions a good thing for a knowledge based economy? Uncovering the bias of current conceptions of rational homo oeconomicus through a political economy lens, presented at the "The revival of Political Economy: Prospects for sustainable provision" organized by CES (Centro de Estudos Sociais de Coimbra) on October 21-23, 2010.

Pádua, M. (2008), "Science based invention: a less crowded of evolutionary economics, lessons learnt from the development of an HIV vaccine", paper presented at the 12th Schumpeter conference, Rio de Janeiro, Brasil

Pádua, M., Orsenigo L. (2003), "Is biotechnology an ill structured or a complex problem?", EMAEE 2003 – The 3rd European Meeting on Applied Evolutionary Economics, University of Augsburg, 9-12 April2003, paper selected for Schumpeter young prize

#### 2.6. Oral communications

Pádua, M. (2000), Diffusion of biotechnology in Portugal: elements for a socio-cognitive approach, Workshop on Cognitive Economics, 15-18 Novembrer 2000, Alessandria - Torino, Italy.

Padua, M (1998) "Knowledge" as an adaptative behavior: The building up of users-producers networks for biotechnology diffusion in an "intermediate economy", presented at the second International Conference on Technology Policy and Innovation, organised by the Instituto Superior Tecnico of Lisbon, 3-5 August, Gulbenkian.

## 2.7. Posters

Padua, M, Custodio, L., 2004. Search models and ill-structured problems: a case-study on the HIV vaccine, presented at Schumpeter conference 2004, Milan, 10-12th June

Padua, M., 2003, As biotecnologias numa economia intermédia: procura e oferta em Portugal, paper presented at the International Conference "Technological Innovation and Globalisation Implications for Intermediate Developed Countries" 23-24 October 2003, Lisbon ISCTE

## 2.8. Book on the pipeline

Based on a series of five papers, I am planning to submit a book on a problem centered approach to the development of an HIV vaccine