

[Updated on [May 2018](#)]

## Short biography of Luis Paulo N. Rebelo

e-mail address : [luis.rebelo@fct.unl.pt](mailto:luis.rebelo@fct.unl.pt) ; mobile phone: 93 435 20 23

<http://www.dq.fct.unl.pt/en/staff/professors/luis-paulo-da-silva-nieto-marques-rebelo>

<http://orcid.org/0000-0002-5247-2443>

<https://scholar.google.pt/citations?user=5174pMoAAAAJ&hl=en>



### Management Experience

Dean of *Instituto de Tecnologia Química e Biológica (ITQB) – UNL*, 2011 – 2013

Director and Coordinator of the *Laboratório Associado ITQB Oeiras* – the largest and most prominent Scientific-Technological-Entrepreneurship Portuguese Consortium (*ITQB - Instituto Gulbenkian de Ciência - IBET – Centro de Doenças Crónicas - UNL*), combining top private and public institutions, with a PhD holders research/education/entrepreneurship pool of circa 800 people, 2011 – 2013.

Vice-Dean of ITQB – UNL, 2008 – 2011

Executive Director of *Instituto de Biologia Experimental e Tecnológica (IBET)*, 2006 – 2007

Director and founder member of GenIBET-Biopharmaceuticals, 2006 – 2007

Member of the Board of Directors of IBET, 2004 – 2006

Chair of the Division of Technology of ITQB – UNL, 2003 – 2011

Chair of the Division of Chemistry of ITQB – UNL, 2012 – 2014

### Academic Experience

Full Professor of Structural Chemistry, *FCT – UNL*, 2016 (April) - p

Member of the NOVA-Rectory Teaching Quality Council (UNL), 2010 – 2011

Member of the Evaluation Panel for Chemistry of *Fundação para a Ciência e Tecnologia*, 2008 – 2011

Chair of the first PhD Program in Chemical and Biological Sciences of ITQB – UNL, 2003 – 2006

Full Professor of Structural Chemistry, ITQB – UNL, 2009 – 2016 (April)

Research Associate at Princeton University, 1997

Visiting Professor at the University of Tennessee and Oak Ridge National Laboratory, 1996

Visiting Scientist, Cornell University, 1985

*Agregação* at ITQB – UNL, 2005

Ph.D. – with highest honours – *Universidade Nova de Lisboa*, 1989

Graduation in Chemical Engineering, 1983, IST – UTL, with high honours (mark: 18/20)

### Membership of Boards

Elected-Member, Institute Council of ITQB-UNL, 2014 – 2016

Elected-Member of the Scientific Council of ITQB – UNL, 2002 – 2014

Elected-Member, Board of Directors of the Portuguese Chemical Society, 1987 – 1989

Editor-in-Chief of *Química* – Bulletin of the Portuguese Chemical Society, 1995 –1997

Member of the Advisory Editorial Board of *J. Chem. Eng. Data*, 2009 – 2012

Member of the IUPAC's Task Group for the Standardization of Ionic Liquids, 2003 – 2005

Member of the Council of Chairs and International Advisory Board of the Congresses on Ionic Liquids (COIL), 2007 - p

Main Financial-Management Achievements: (i) As Dean, has provided a Public Educational-Research Institution, ITQB NOVA, with an unique balanced private and/or competitive (80%) *versus* State (20%) budget; (ii) As Researcher, has competitively earned and attracted more than 6.5 M€ in financed, competitive national and international projects/grants (some European).

Main Technological Transfer-Private Attractive Entrepreneurship: As researcher – four published patents (one European).

Main Educational-Pedagogical Achievements: Has taught in six distinct institutions: *Instituto Superior Técnico*–U.T.L., *Faculdade de Ciências e Tecnologia*–U.N.L., The University of Tennessee–USA, Princeton University–USA, *Instituto Superior de Ciências da Saúde*, and *Instituto de Tecnologia Química e Biológica*–U.N.L.

Main research interests: Molecular Thermodynamics and Engineering Processes of Liquids and Liquid Solutions (theory and experiments), in particular, Ionic Liquids, Isotope Effects, Metastable Liquids, and Polymer Solutions.

Scholarship/Scientific Research Statistics:

**h-index = 59** (=65, Google Scholar); **Citations > 13 000** (> 15 500, Google Scholar); **Articles > 250**; **Abstracts to Conferences > 350**; **Plenary Lectures to Conferences = 12**; **Books as author: 1** (> 18 000 downloads); **Book Chapters > 20**; **Financed Scientific Projects ≈ 6.5 M€**; **Patents = 4**; **More than 30 papers with more than 100 citations.**

**Highly Cited Papers\*** = 14; **Hot Papers\*\*** = 2; **Listed in the top 1,000 most World Highly Cited Scientists in Chemistry (ESI<sup>SM</sup>)**;  
**I.F.<sup>2014</sup> of the best published top-5 Journals between 45.6 – 11.4**; **PhD Students supervised = 15**; **Post-docs supervised > 30**

Note: **\*\*Hot Papers** are among **the top 0.1%** in their respective fields; **\*Highly Cited Papers** are among **the top 1%** for their field and publication year.

### **The most relevant scientific paper**

Martyn J. Earle, José M.S.S. Esperança, Manuela A. Gilea, José N. Canongia Lopes, Luís P.N. Rebelo\*, Joseph W. Magee, Kenneth R. Seddon, Jason A. Widegren,

*“The distillation and volatility of Ionic Liquids”,*

*Nature* 2006, **439**, 831-834;

**cited over 1 350 times** (WoS and Scopus), over **1 750** (Google Scholar) **“Rank #1 as Most Cited Article” worldwide in Chemistry** in June/July 2007 by Science Watch – WoK.

Noted as **Highly Cited Paper\*** by ESI-WoS. Spotted by ESI-WoS as a **Hot Paper\*\*** in 2007.