



UNIVERSIDADE  
**NOVA**  
DE LISBOA

TALENT DEVELOPMENT IN RESEARCH

# TALENT @ NOVA

14:00 **Welcome**, João Crespo, Vice-Rector for Research

14:15 **Experiences of NOVA's ERC Grantees**

RESEAL, António Jacinto, FCM|NMS  
UNIVERSAL BANKING, Miguel Ferreira, NOVA SBE  
BLACKBOX, Carla Fernandes, FCSH

15:00 **Coffee-break**

15:30 **Experiences of NOVA's ERC Grantees**

CapTherPV, Isabel Ferreira, FCT  
SCENT, Cecília Roque, FCT  
MIMESIS, Cristina Silva Pereira, ITQB  
NEW\_FUN, FCT, Luís Pereira

16:00 **Research Talent Development**, Magdalena Bak-Maier, Advisor of NOVA  
on Talent and Organizational Development

16:30 **Panel Discussion and Q&A**

Magdalena Bak-Maier, Moderator  
Carla Fernandes, FCSH  
Cristina Silva Pereira, ITQB  
Luís Pereira, FCT  
Duarte Barral, FCM  
Mónica Dias, IGC  
Rita Falcão, Nova Investigação

18:00 **Concluding remarks**, Elvira Fortunato, FCT

18:15 **Closure**, António Rendas, Rector of NOVA



### **Elvira Fortunato**

Elvira Fortunato is full professor in Materials Science Department of Faculty of Science and Technology of New University of Lisbon, a Fellow of the Portuguese Engineering Academy since 2009 and decorated with the grade of Grand Officer of the Order of Prince Henry the Navigator by the President of the Republic in 2010, due to her scientific achievements worldwide. In 2015 she was appointed by the Portuguese President Chairman of the Organizing Committee of the Celebrations of the National Day of Portugal, Camões and the Portuguese Communities. She was also a member of the Portuguese National Scientific and Technological Council between 2012-2015 and a member of the advisory board of DG CONNECT (2014-2015). Since November 2015 she become Deputy Adviser of the High Level Group of Scientific Advice Mechanism from DG Research & Innovation European Commission. Currently she is the director of the Institute of Nanomaterials, Nanofabrication and Nanomodeling and of CENIMAT. She is member of the board of trustees of Luso-American Foundation (Portugal/USA, 2013-2020).

Fortunato pioneered European research on transparent electronics, namely thin-film transistors based on oxide semiconductors, demonstrating that oxide materials can be used as true semiconductors. In 2008, she earns in the 1st ERC edition an AdG for the project "Invisible", considered a success story. In the same year she demonstrated with her colleagues the possibility to make the first paper transistor, starting a new field in the area of paper electronics. Fortunato published over 500 papers and during the last 10 years got more than 16 International prizes and distinctions for her work (e.g: IDTechEx USA 2009 (paper transistor); European Woman Innovation prize, Finland 2011).



### **Magdalena Bak-Maier**

Magdalena is a talent developer, educator, researcher, author and the founder of Make Time Count, a company and eco-system devoted to empowering individuals and organisations to succeed and thrive. Magdalena Bak-Maier helps people connect heart and mind and live the connection using neuroscience training (PhD, Caltech) and practitioner insights. Her incisive models and tools have enabled a variety of teams and leaders around the world challenge conventional thinking, tackle turbulence and complexity and deliver outstanding results, while learning how to nurture themselves and others. She is known for having a kick for helping people realise their ambitions and become world-class leaders. She is frequently featured in the national press (Times, FT, Independent), industry magazines (Coaching at Work, Entrepreneur, Psychologies) and on BBC Radio. Grounded in how minds really work, her model for combining heart and mind is helping define a new era for a 'productive individual, employee and leader'.

<https://www.youtube.com/watch?v=L2EfortLr1EI>

She lives in London and world globally.



### **António Jacinto**

António Jacinto is the Coordinator of CEDOC: Chorinc Diseases research Centre at NOVA Medica School (NMS). He is a full professor at NMS, teaching Molecular and Cell Medicine, and researching Tissue Morphogenesis and Repair. He has published strongly in this area, in high impact publications and has obtained international funding in highly competitive programmes. António Jacinto graduated in Biochemistry (1993) at ULisboa and has a PhD in the University of London (1999) in Genetics and Developmental Biology as part of the Gulbenkian PhD Programme in Medicine and Biology. After being a Pot-Doc in the University College London, he started his independent research group at Instituto Gulbenkian de Ciência (2002). From 2004 until 2011, António was at the Instituto de Medicina Molecular as a researcher and coordinating the PhD programme in Cell and Developmental Biology. António Jacinto is an active participant in the scientific community as evaluator of research projects and reviewer of research papers in international publications. He is a member of the Scientific Council for Health and Life Sciences of FCT, a member of the Scientific Council of NMS.



### **Miguel Ferreira**

Miguel A. Ferreira holds the Banco BPI Chair in Finance at Nova School of Business and Economics. He is also a research associate of the European Corporate Governance Institute (ECGI) and the Center for Economic Policy Research (CEPR), and a consultant of the Bank of Portugal. He has a PhD in Finance from the University of Wisconsin-Madison, a Master in Economics from Nova School of Business and Economics, and a Licenciatura in Business from ISCTE. He has been a recipient of several grants and awards including a European Research Council (ERC) grant. His research interests include corporate finance and governance. His research has been published in top academic journals including the Journal of Finance, Journal of Financial Economics, Journal of Financial and Quantitative Analysis, Review of Finance and Review of Financial Studies.



### **Carla Fernandes**

Carla Montez Fernandes (carla.fernandes@fcsh.unl.pt): MA and Ph.D in Linguistics. Assistant Professor at IPEiria until 2007, currently working as Senior Researcher at FCSH - Universidade Nova de Lisboa. Awarded a European Research Council grant for her interdisciplinary project "BlackBox - A collaborative platform to document performance composition: from conceptual structures in the backstage to customizable visualizations in the front-end", running at FCSH-UNL from 2014 to 2019 under her direction. Research Partner in EU-funded projects at the crossings of Arts&Science. Principal Investigator of the FCT-funded TKB project in Portugal (A Transmedia Knowledge-Base for contemporary dance) with international partners from the AHK Amsterdam, The Forsythe Foundation, and Coventry University since 2009. At present her research focus is in the intersection of Cognitive Linguistics, Multimodal Communication and the Performing Arts, particularly concerning the annotation of multimodal corpora in dynamic and collaborative digital archives for the analysis/documentation of contemporary dance. Author of book chapters and papers in international journals and conferences in the fields of Multimodal Communication, Performance Studies, Digital Media and Intangible Heritage.



### **Isabel Ferreira**

PhD in Hydrogenated amorphous and nanocrystalline Silicon produced by HWP-CVD Technique, October 2002 at Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa (FCT-UNL), in the field of Materials Engineering, specialization in Optoelectronics and Microelectronics. Since 2013 is Associated Professor at Department of Materials Science (DCM) of "FCT-UNL, being Assistant professor in the period of 2002-2013 at FCT-UNL. In the period of 2002-2014 was a member of the scientific board of DCM. Vice-director of the Materials Research Centre-CENIMAT (2008-2014), responsible by the Electronic Materials and Nanotechnologies group (2006-2013); member of the executive board of the DCM (from 2008-2014) and Coordinator of the Master Course in Micro and Nanotechnologies of FCT-UNL (from 2013-2014).

With a background in Materials Science she has been performing scientific work in the field of materials for energy conversion and storage with focus on the development of new thin films for photovoltaics, thermoelectrics, and batteries application. Her scientific track-record can be summarized as: Scientific papers –ISI, 175; Citations, 1727; h Factor, 22; Patents, 6; Supervising of PhD Students 7; Supervising of MSc students 30; Prizes, 5.



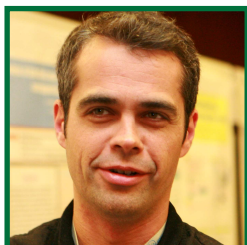
### **Cecília Roque**

Cecília Roque is an Assistant Professor at Departamento de Química, researcher at UCIBIO and head of the Biomolecular Engineering Lab at Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa. She holds a degree in Chemical Engineering (Major in Biotechnology) and a PhD in Biotechnology from Instituto Superior Técnico. Cecília has been a Visiting Scholar at the University of Cambridge and at the Catholic University of America, a Post-doctoral researcher at the Institute of Biotechnology (University of Cambridge) and at INESC-MN (Lisbon, Portugal). Her research focus on biotechnology, namely on the development of novel affinity receptors towards important biopharmaceuticals, as well as on the design of smart-responsive platforms for bioseparation, biosensing and biomedical applications. Cecília has been awarded the "1K Business Plan Competition" in 2001 (CEC, University of Cambridge), the "Programa de Estímulo à Investigação" in 2006 (Fundação Calouste Gulbenkian), the "Scientific Merit Award UNL-Santander Totta-Edição 2009/2010" in 2010 (Universidade Nova de Lisboa and Santander Totta Bank) and the 1st Honorable mention from SHIC'11 (by Hovione). Cecília has been recently awarded with a Starting Grant from the European Research Council (2014) to explore non-invasive diagnostic devices for bacterial detection.



### **Cristina Silva Pereira**

Dr Cristina Silva Pereira is head of the Lab of Applied and Environmental Mycology at ITQB, has just been awarded a Consolidator Grant by the European Research Council (ERC). The funding of almost €2Million for a period of five years will allow Cristina to develop her vision of mimicking the functionality of plant polyesters to develop wound dressing biomaterials that combine antimicrobial and skin regeneration properties. Her vision is to develop novel and efficient antifungal therapies. Cristina has coordinated the Lab of Applied and Environmental Mycology at ITQB since 2008. She is also a Visiting Research Fellow at the University of the West of Scotland and at the Queens' University Ionic Liquid Centre (UK). She studied Applied Chemistry - Biotechnology at the Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa and started her research career at the Instituto de Biologia Experimental e Tecnológica (iBET). During her PhD, she worked at ITQB, the John Innes Centre and the Institute of Food Research (UK). In the last five years, she has published over 30 scientific articles in international journals. As Cristina Maria da Costa, she wrote and published poems and short stories, a hobby that strengthens her scientific creativity.



### **Luís Pereira**

Prof. Luis Pereira was born in Lisbon, Portugal, in 1977. He received the Engineering degree in Materials Science in 2001 and has finished the Ph.D. in Microelectronics and Optoelectronics Materials in 2008 at Universidade Nova de Lisboa. His Ph.D. work was focused on polycrystalline silicon and high k dielectrics for TFT's application.

The expertise gained on oxide materials for electronics allowed focusing the pos-doc activities on the development printed inorganic chromogenic materials and electronic devices on paper and plastic substrates. He was involved in the team that demonstrated for the first time transistors made of oxides with paper as dielectric. He is currently a researcher at CENIMAT/I3N coordinating and participating in R&D projects and his current research interests are on paper electronics, electrochromic and thermochromic inorganic nanostructured materials. He has authored and co-authored 156 publications in peer-reviewed journals and proceedings of the ISI with more than 3500 citations and has a H factor of 32.



### **Mónica Dias**

Mónica is a group leader at the Gulbenkian Institute (Portugal). Her laboratory is interested in general principles in biology regarding the counting and assembling of complex sub-cellular structures, and their variations observed during development, in disease and evolution. She did her PhD at University College in London, under the supervision of Professor Jeremy Brockes and a post doc with Professor David Glover (University of Cambridge, UK). At the same time she did a 2 year diploma course on science communication (Birkbeck College in London). She is the recipient of awards including an EMBO Installation Grant (2007), the Eppendorf Prize (2007), the European Research Council Starting Grant (2010), membership of the EMBO Young Investigator Programme (2009), membership of EMBO (2015), European Research Council Consolidator Grant (2015). She has been faculty of a variety of renown summer courses such as the Physiology course In the Marine Biology Laboratory (US) (2013) and the Evolutionary Cell Biology Course at the Kavli Institute for Theoretical Physics in Santa Barbara (US) (2015).



### **Duarte Barral**

Dr. Duarte Barral graduated in Microbiology and Genetics from the Faculty of Sciences of the University of Lisbon. He did his PhD in Biology at Imperial College London and then a post-doc at Brigham and Women's Hospital, Harvard Medical School, where he became an Instructor in Medicine. He established his independent research group at the Chronic Diseases Research Center (CEDOC), NOVA Medical School|Faculdade de Ciências Médicas (NMS|FCM). His research focuses on understanding the regulation of membrane traffic with the ultimate goal of finding new therapeutic strategies for diseases caused by defects in this type of intracellular transport. He is currently a Group Leader at CEDOC, an Invited Assistant Professor at NMS|FCM, member of the directive board of CEDOC, member of the Scientific Council of NMS|FCM, member of the Scientific Advisory Board of BioSYS PhD Program and Raríssimas rare diseases association, coordinator of the Inter-University Doctoral Program in Ageing and Chronic Diseases (PhDOC) and review editor for Frontiers in Membrane Traffic. He has published 27 articles.

