



Curriculum vitae

Personal Information

FIRST NAME / SURNAME	Kevin Oliveira
EMAIL	kevinoliveira95@gmail.com
NATIONALITY	Portuguese
DATE OF BIRTH	02.11.1995
GENDER	Male

Work Experience

DATES	July 2019 - Now
POSITION	Research Fellow - Nanofabrication for Optoelectronic Application - Micro and Nanofabrication Department
INSTITUTION	INL - International Iberian Nanotechnology Laboratory Braga, Portugal
RESPONSIBILITIES	Advanced architectures for ultra-thin high-efficiency CIGS solar cells with high Manufacturability H2020 - European Project (ARCIGS-M) Clean Room Engineer

Education and Training

DATES	2018 – 2019
QUALIFICATION AWARDED	Master Thesis
TITLE	“Development of a Microdroplet-based Optofluidics Platform for the Analysis of Single Cancer Cells”
INSTITUTION	International Iberian Nanotechnology Laboratory (INL)
GRADE	20/20
DATES	2013 – 2019
QUALIFICATION AWARDED	Integrated Master in Micro and Nanotechnology Engineering
PRINCIPAL STUDIES	Materials, Nanotechnology, Electronics, Physics
INSTITUTION	Faculty of Sciences of the Nova University of Lisbon



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Skills and Competences	Portuguese, French, English
LANGUAGE SPOKEN	High level of communication in several languages
SOCIAL SKILLS AND COMPETENCES	Good capacity to acquire knowledge in different areas, and great desire to learn about new fields
ORGANISATIONAL SKILLS AND COMPETENCES	Great ability to adapt to new working environments High commitment to solve the problems faced
COMPUTER SKILLS AND COMPETENCES	Good knowledge of several softwares (Microsoft Office, AutoCAD, Corel Draw, Origin) Extended knowledge in Windows, Mac OSX and Linux Basic knowledge of different programming language
ADDITIONAL INFORMATION	Experience in several different areas such as: <ul style="list-style-type: none">• Electronics;• Mechanics;• Micro and nanofabrication – Photolithography, DWL (Direct Write Laser), RIE (Reactive-Ion Etching), CVD, PVD;• Microscopy;• UV-Vis spectroscopy;• Raman spectroscopy;• Nanoparticles synthesis;• Microfluidics



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Publications

Peer-reviewed journal
articles

K. Oliveira, A. Teixeira, C. Lopes, P. Piairo, L. Wu, L.
Diéguez, S. Abalde-Cela

AUTHORS **SERS phenotyping of single cancer cells in
microdroplets**

TITLE In preparation

REFERENCE

A. Teixeira, JF. Hernández-Rodríguez, L. Wu, K. Oliveira,
K. Kant, P. Piairo, L. Diéguez, S. Abalde-Cela

AUTHORS **Microfluidics-driven fabrication of a low cost and
ultrasensitive SERS-based paper biosensor**

TITLE Applied Sciences 9(7) , 1387 (2019)

REFERENCE



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Conference Contributions

- AUTHORS** K. Oliveira, M. A. Curado, J. M. V. Cunha, T. S. Lopes, R. M. Ribeiro, A. J. N. Oliveira, J. R. S. Barbosa, A. Violas, C. Rocha, S. Bose, O. Donzel-Gargand, J. P. Teixeira, C. Vinhais, P. A. Fernandes, P. M. P. Salomé
- TITLE** **Nanofabrication for Optoelectronic Applications: Process and know-how (Poster)**
- CONFERENCE YEAR** INL Research Symposium, Braga, Portugal
2019
- AUTHORS** M. A. Curado, K. Oliveira, J. M. V. Cunha, T. S. Lopes, R. M. Ribeiro, A. J. N. Oliveira, J. R. S. Barbosa, A. Violas, C. Rocha, S. Bose, O. Donzel-Gargand, J. P. Teixeira, C. Vinhais, P. A. Fernandes, P. M. P. Salomé
- TITLE** **Nanofabrication for Optoelectronic Applications: International competitive funding (Poster)**
- CONFERENCE YEAR** INL Research Symposium, Braga, Portugal
2019
- AUTHORS** K. Oliveira, A. Teixeira, C. Lopes, P. Piairo, S. Abalde-Cela, L. Diéguez
- TITLE** **SERS phenotyping of single cancer cells in microdroplets (Poster)**
- CONFERENCE YEAR** 3rd Annual Meeting CINBIO. Vigo, Spain
2019



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Conference Contributions

- AUTHORS** A. Teixeira A, JF Hernández-Rodríguez, L. Wu, K. Oliveira, K. Kant, P. Piairol, L. Diéguez, S. Abalde-Cela
- TITLE** **Development of an ultrasensitive and low cost paper-based SERS sensor for cell differentiation (Poster)**
- CONFERENCE** 3rd Annual Meeting CINBIO. Vigo, Spain
- YEAR** 2019
-
- AUTHORS** K. Oliveira, A. Teixeira, C. Lopes, P. Piairol, S. Abalde-Cela, L. Diéguez
- TITLE** **Development of a microdroplet-based optofluidics platform for the analysis of single cancer cells (Poster)**
- CONFERENCE** NanoMed Europe 2019. Braga, Portugal
- YEAR** 2019
-
- AUTHORS** S. Abalde-Cela, A. Teixeira, K. Oliveira, J. M. Fernandes, C. Lopes, K. Kant, L. Wu, P. Piairol, L. Diéguez
- TITLE** **Surface-enhanced Raman scattering spectroscopy meets microfluidics: towards sensitive, automated and high-throughput integrated tools for diagnosis (Oral)**
- CONFERENCE** NanoMed Europe 2019. Braga, Portugal
- YEAR** 2019



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Conference Contributions

- AUTHORS** J. M. Fernandes, K. Oliveira, A. Teixeira, C. Lopes, P. Piairo, S. Abalde-Cela, L. Diéguez
- TITLE** **Cancer single-cell encapsulation and proliferation monitoring in microdroplets (Poster)**
- CONFERENCE YEAR** NanoMed Europe 2019. Braga, Portugal
2019
- AUTHORS** A. Teixeira, K. Oliveira, S. Abalde-Cela, B. Sampaio-Marques, P. Ludovico and L. Diéguez
- TITLE** **A microfluidics platform for the SERS-based detection of acute myeloid leukemia (Poster)**
- CONFERENCE YEAR** NanoMed Europe 2019. Braga, Portugal
2019
- AUTHORS** A. Teixeira, JF Hernández-Rodríguez, L. Costa, K. Oliveira, K. Kant, L. Wu, S. Abalde-Cela, L. Diéguez
- TITLE** **Microfluidics for the simple and low-cost fabrication of a SERS-based paper sensor with ultra-detection capability (Poster)**
- CONFERENCE YEAR** NanoGateway project conference called "MISSION 10.000". Braga, Portugal
2018