Anna-Maria Pappa

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Current Position

Assistant Professor
Department of Biomedical Engineering, Khalifa University, Abu Dhabi, UAE

Education

2017 **PhD in Bioelectronics**, Ecole des Mines de St. Etienne, France

2014 **MSc in Nanosciences and Nanotechnologies**, (GPA: 86%, top 5%) Aristotle University of Thessaloniki (2- year program)

2012 **Diploma (MSs equivalent) in Chemical Engineering (**GPA: 82%, top 2% of the class), Aristotle University of Thessaloniki

Research Experience

2021 – Present **Assistant Professor, Dept. of Biomedical Engineering, Khalifa University, Abu Dhabi, UAE**

2021 – Present **Visiting scholar, Dept. of Chemical Engineering and Biotechnology, University of Cambridge, UK**

2019 – Present **Engineering Research Fellow, Pembroke College, University of Cambridge, UK**

2019 – 2021 **Independent Research Fellow, Dept. of Chemical Engineering and Biotechnology, University of Cambridge, UK**

2019 – 2021 **Visiting scholar, Dept. of Chemical & Biomolecular Engineering, Cornell University, USA**

2017 – 2019 **Postdoctoral Researcher, Dept. of Chemical Engineering and Biotechnology, Bioelectronic Systems Technologies group, University of Cambridge, UK**

2014 – 2017 **Doctoral Researcher, Centre Microelectronique Provence- Ecole Nationale Supérieure des Mines de St Etienne, France** *Marie Curie Fellowship*

2012-2014 **Research assistant, Laboratory of Thin Films and Nanotechnology, Greece**

Honors - Awards

2023 **Top 1% publications award** (Khalifa University) $5K

2019 **Innovators under 35, MIT Technology Review (Europe)**

2018 **Award for attending "Impulse 2018"-** a 3-month entrepreneurship school in Maxwell Centre, Cambridge (cost covered: $3K)

2018 **Most feasible business idea award** – Glasgow Enterprise Fair, 19-21 Nov 2018, Scotland

2017 **L'Oreal-UNESCO Award for Women in Science, France**
Award ($16K)

2017 **Science as Art Award-** MRS Fall Meeting, Boston, USA, 2015 ($ 500 prize)

Research Funding

$525K **UAE-NIH Collaborative Awards 2023:** "Bioelectronic tools to study the macrophage/infection axis for the development of novel therapeutics" 2023-2026 (**PI) (External grant) 2023-2026**

$4M. **RIC-2D External awards 2023**: "Commercial MXene manufacturing toward technology innovations in the UAE and beyond" **co-I** with access to $100K. (**External grant) 2023-2026**

$525K. **RIG 2023**: The use of Emirati human induced pluripotent stem cell (hiPSCs) as an in-vitro model to study and manage obesity. 2023-2026

$100K. **ESIG 2022**: 2D-BioMemFET: 2D BioMembrane interfaced Field Effect Transistors towards next generation consumer bioelectronics, (co-I, with access to 100% of the grant) 2023

$225K **Faculty Starting Grand**, Khalifa University, UAE 2022-2024 (**PI**)

$5K. **EU project NFAA (Nanoscience Foundries & Fine Analysis - NFFA-Europe-Pilot. 101007417 (PI**) "Developing conducting polymer nanostructures", joint collaboration with FORTH, Crete 2023

$5K. **EU project NFAA (Nanoscience Foundries & Fine Analysis - NFFA-Europe-Pilot. 101007417 (co-I**) "2PP scaffolds for 3D bioelectronics", joint collaboration with FORTH, Crete 2022

$5K **Women to impact/ Resilience challenge award** for "TakeAbreath" project
Won 3rd place out of 314 participations and a research award 2021

Fellowships for graduate/postgraduate research

$200K **Oppenheimer Research Fellowship, Cambridge University, UK**
3 yrs individual funding (~ £200k) covering salary, research and travel expenses

$100K **Maudslay-Butler Fellowship in Engineering, Pembroke College, Cambridge, UK**
3 yrs individual funding covering research expenses and living costs

2017 **Doctoral Research Fellowship** -Marie Curie Initial Training Network - "OrgBio"

Publications

Symbol * denotes shared first- authorship

h-index=21 (scopus), total times cited = 1462 (excluding self-citations), total number of PR articles =46 (5 corr. author, 10 first author) Scopus link Google scholar link

1. A. Saleh, A.Koklu, I. Uguz, **AM Pappa,** S. Inal, "Bioelectronic interfaces of organic electrochemical transistors", **Nature Reviews Bioengineering**, *in press* ***2024***

2. KK Jena, B Fatma, SS Arya, SM Alhassan, V Chan, **AM Pappa**, C Pitsalidis, "High performance flexible triboelectric nanogenerators using bio-derived films made of siloxane-modified castor oil" ***Journal of Materials Chemistry A* 2024**

3. N.B. Alsaafeen, S. S. Bawazir, K. K. Jena, A. Seitak, B. Fatma, C. Pitsalidis*, A. Khandoker*, and **AM Pappa***, One-Pot Synthesis of a Robust Crosslinker-Free Thermo-Reversible Conducting Hydrogel Electrode for Epidermal Electronics, **ACS Applied Materials and Interfaces, 2024**

4. *Z Lu, C Barberio, A Fernandez-Villegas, A Withers, A Wheeler, K Kallitsis, E. Martinelli, A. Savva, B. M Hess,* ***AM Pappa****, G S Kaminski Schierle, RM Owens "Microelectrode Arrays Measure Blocking of Voltage-Gated Calcium Ion Channels on Supported Lipid Bilayers Derived from Primary Neurons"* ***Advanced Science,*** *2304301****, 2023***

5. A Seitak, S Luo, N Cai, K Liao, **AM Pappa,** S Lee, V. Chan "Emergence of MXene-Based Electrochemical Biosensors for Biomolecule and Pathogen Detection" **Sensors and Actuators Reports, 100175, 2023**

6. WC Traberg, J Uribe, V Druet, A Hama, CM Moysidou, M Huerta, R McCoy, D Hayward, A Savva, AMR Genovese, S Pavagada, Z Lu, A Koklu, **AM Pappa**, R Fitzgerald, S Inal, S Daniel, R M Owens, "Organic Electronic Platform for Real-time Phenotypic Screening of Extracellular Vesicle-driven Breast Cancer Metastasis" **Advanced Healthcare Materials, 2301194, 2023**

7. S Arya, SB Dias, HF Jelinek, LJ Hadjileontiadis, **AM Pappa** "The convergence of traditional and digital biomarkers through AI-assisted biosensing: A new era in translational diagnostics? **Biosensors and Bioelectronics, 115387 (2023)**

8. K Kallitsis, AM Pappa, Z Lu, A Alvarez-Fernandez, I Charalambous**,** S Schack, W C Traberg, Q Thiburce, K Bali, G Christie, S Guldin, Susan Daniel, A Salleo, RM Owens "Tailoring the Surface Chemistry of PEDOT: PSS to Promote Supported Lipid Bilayer Formation", **Macromolecular Materials and Engineering,** 2300038, 2023

9. S Arya, **AM Pappa** "Electronic plants: the future of agriculture and urban ecosystems? **Trends in Biotechnology, (2023)**

10. SS Arya, NK Morsy, DK Islayem, SA Alkhatib, C Pitsalidis, **AM Pappa**, "Bacterial Membrane Mimetics: From Biosensing to Disease Prevention and Treatment" **Biosensors 13 (2), (2023), 189**

11. B Abad, K Alberi, KE Ayers, S Badhulika, C Ban, H Béa, F Béron, … **AM Pappa, "**The 2022 applied physics by pioneering women: a roadmap "**Journal of Physics D: Applied Physics 56 (7), (2023), 073001**

12. **AM Pappa** "In vitro Bioelectronic Systems" **Introduction to Bioelectronics: Materials, Devices, and Applications, (2022), 9-1-9-32, Chapter, AIP publishing,**

13. K Bali, Z Mohamed, A Scheeder, **AM Pappa**, S Daniel, CF Kaminski, RM Owens, I Mela "Nanoscale Features of Tunable Bacterial Outer Membrane Models Revealed by Correlative Microscopy" **Langmuir 38 (29), (2022), 8773-8782**

14. AK Jayaram, **AM Pappa**, S Ghosh, ZA Manzer, WC Traberg, TPJ Knowles, S Daniel, RM Owens "Biomembranes in bioelectronic sensing" **Trends in Biotechnology 40 (1), (2022), 107-123**

15. Z Lu, D van Niekerk, A Savva, K Kallitsis, Q Thiburce, A Salleo, **AM Pappa**, RM Owens "Understanding electrochemical properties of supported lipid bilayers interfaced with organic electronic devices" **Journal of Materials Chemistry C (20), (2022), 8050-8060e**

16. C Pitsalidis, **AM Pappa**, AJ Boys, Y Fu, CM Moysidou, D van Niekerk, J Saez, A Savva, D Iandolo, RM Owens "Organic Bioelectronics for In Vitro Systems" **Chemical Reviews 122 (4), (2022), 4700-4790**

17. J Uribe, WC Traberg, A Hama, V Druet, Z Mohamed, A Ooi, **AM Pappa**, M Huerta, S Inal, RM Owens, S Daniel, "Dual Mode Sensing of Binding and Blocking of Cancer Exosomes to Biomimetic Human Primary Stem Cell Surfaces" **ACS Biomaterials Science & Engineering 7 (12), (2021), 5585-5597**

18. T Tang, A Savva, WC Traberg, C Xu, Q Thiburce, HY Liu, **AM Pappa**, E Martinelli, A Withers, M Cornelius, A Salleo, RM Owens, S Daniel "Functional infectious nanoparticle detector: Finding viruses by detecting their host entry functions using organic bioelectronic devices" **ACS nano 15 (11), (2021), 18142-18152**

19. SF Bint E Naser, H Su, HY Liu, ZA Manzer, Z Chao, A Roy, **AM Pappa**, A Salleo, RM Owens, S Daniel "Detection of Ganglioside-Specific Toxin Binding with Biomembrane-Based Bioelectronic Sensors" **ACS Applied Bio Materials 4 (11), (2021), 7942-7950**

20. HY Liu, **AM Pappa**, TC Hidalgo, S Inal, RM Owens, S Daniel "Biomembrane-based organic electronic devices for ligand–receptor binding studies" **Analytical and Bioanalytical Chemistry 412, (2020), 6265-6273**

21. HY Liu, **AM Pappa,** A Pavia, C Pitsalidis, Q Thiburce, A Salleo, RM Owens, S Daniel "Self-assembly of mammalian-cell membranes on bioelectronic devices with functional transmembrane proteins" **Langmuir 36 (26) (2020), 7325-7331**

22. P Cavassin, **AM Pappa**, C Pitsalidis, H FP Barbosa, R Colucci, J Saez, Y Tuchman, A Salleo, G. C Faria, RM Owens "Organic transistors incorporating lipid monolayers for drug interaction studies" **Advanced Materials Technologies 5 (3), (2020)** 1900680

23. M Kawan, TC Hidalgo, W Du, **AM Pappa**, RM Owens, I McCulloch, S Inal "Monitoring supported lipid bilayers with n-type organic electrochemical transistors", ***Materials Horizons 7 (9),*** **(2020)** ***2348-2358***

24. J. Nightingale, C. Pitsalidis, **A.M, Pappa**, E. Tan, K. Stewart, R. M. Owens and J-S. Kim "Small Molecule Additive for Low-power Accumulation Mode Organic Electrochemical Transistors", ***Journal of Materials Chemistry C*****, (2020) 8, 8846-8855.** *doi:10.1039/D0TC02149K*

25. **A-M. Pappa**, H-Y. Liu, W. Traberg-Christensen, Q. Thiburce, A. Savva, A. Pavia, A. Salleo, S. Daniel, R.M. Owens "Optical and Electronic Ion Channel Monitoring from Native Human Membranes", **ACS Nano, (2020)** *doi:10.1021/acsnano.0c01330*

26. H-Y. Liu*, **A-M. Pappa***, A. Pavia, C. Pitsalidis, A. Salleo, R.M. Owens, S. Daniel "Self-assembly of mammalian cell membranes on bioelectronic devices with functional transmembrane proteins", ***Langmuir***, **(2020) 36, 26, 7325–7331.** *doi:10.1021/acs.langmuir.0c00804*

27. M. Kawan, T. Hidalgo, W. Du, **A. M. Pappa**, R. M. Owens, I. McCulloch, S. Inal "Monitoring Supported Lipid Bilayers with n-type Organic Electrochemical Transistors", **Materials Horizons, (2020) 7, 2348-2358.** *doi:10.1039/D0MH00548G*

28. H-Y. Liu, **A. M. Pappa**, T. C. Hidalgo, S. Inal, R. M. Owens, S. Daniel, "Biomembrane-based Organic Electronic Devices for Ligand–Receptor Binding Studies", ***Analytical and Bioanalytical Chemistry, (2020) 1-9.*** *doi:10.1007/s00216-020-02449-3*

29. F. Decataldo, V. Druet, **A.-M. Pappa**, E. Tan, A. Savva, C. Pitsalidis, J-S. Kim, B. Fraboni, R. M. Owens, D. Iandolo, "BMP-2 functionalized PEDOT:PSS-based OECTs for stem cell osteogenic differentiation monitoring", ***Flexible and Printed Electronics****, (2019) 4 (4), 044006.* *doi:10.1088/2058-8585/ab5bfc*

30. E. Tan, **A.M. Pappa**, C. Pitsalidis, J. Nightingale, S. Wood, F. A. Castro, R. M. Owens, J. Kim, **"**A highly sensitive molecular structural probe applied to in-situ biosensing of metabolites using PEDOT:PSS"**,** ***Biotechnology and Bioengineering, (2019) bit.27187****.* *doi:10.1002/bit.27187*

31. P. Cavassin, **A. M. Pappa**, C. Pitsalidis, H. F. P. Barbosa, R. Colucci, J. Saez, Y. Tuchman, A. Salleo, G. C. Faria, R. M. Owens, "Organic Transistors Incorporating Lipid Monolayers for Drug Interaction Studies", ***Advanced Materials Technologies, (2019) 1900680***. *doi:10.1002/admt.201900680*

32. H. Su, H. Y. Liu, **A. M. Pappa**, T. C. Hidalgo, P. Cavassin, S. Inal, R. M Owens, S. Daniel, "Facile Generation of Biomimetic-Supported Lipid Bilayers on Conducting Polymer Surfaces for Membrane Biosensing", ***ACS Applied Materials & Interfaces (2019) 11 (47), 43799-43810.*** *doi: 10.1021/acsami.9b10303*

33. C Pitsalidis, AM Pappa, CM Moysidou, D Iandolo, RM Owens, "Conducting and conjugated polymers for biosensing applications, **Conjugated Polymers, *(2019)* 697-742 CRC press**

34. E. Bihar, S. Wustoni, **A. M. Pappa**, K. N. Salama, D. Baran, S. Inal "A Fully Inkjet Printed Disposable Glucose Sensor On Paper", ***npj Flexible Electronics (2019) 2 (1), 1-8***. *doi: 10.1038/s41528-018-0044-y*

35. C. Pitsalidis*, **A. M. Pappa***, M. Porel, C. M. Artim, G. C. Faria, D. D. Duong, C. A. Alabi, S. Daniel, A. Salleo, R. M. Owens, "Biomimetic Electronic Devices for Measuring Bacterial Membrane Disruption", ***Advanced Materials, 30 (2018)***. *doi:10.1002/adma.201803130*

36. C. M. Proctor, A. Slezia, A. Kaszas, A. Ghestem, I. del Agua, **A. M. Pappa**, C. Bernanrd, A. Williamson, G. G. Malliaras, "Electrophoretic drug delivery for seizure control", ***Science advances (2018) 4 (8), eaau1291*** *doi: 10.1126/sciadv.aau1291*

37. **A. M. Pappa**, D. Ohayon, A. Giovannitti, I. P. Maria, A. Savva, I. Uguz, J. Rivnay, I. McCulloch, R. M. Owens, S. Inal "Direct metabolite detection with an n-type accumulation mode organic electrochemical transistor", ***Science advances (2018) 4 (6), eaat0911.*** *doi: 10.1126/sciadv.aat0911*

38. **A. M. Pappa,** O. Parlak, G. Scheiblin, P. Mailley, A. Salleo, R. M. Owens, "Organic Electronics for Point-of-Care Metabolite Monitoring", ***Trends in biotechnology, (2018) 36 (1), 45-59*** *doi:10.1016/j.tibtech.2017.10.022*

39. V. F. Curto, B. Marchiori, A. Hama, **A. M. Pappa**, M. Ferro, M. Braendlein, J. Rivnay, M. Fiocchi, G. G. Malliaras, M. Ramuz, R. M Owens, "Organic transistor platform with integrated microfluidics for in-line multi-parametric in vitro cell monitoring", **Microsystems & nanoengineering (2017) 3 (1), 1-12** *doi: 10.1038/micronano.2017.28*

40. C. Pitsalidis, D. Ohayon, **A. M. Pappa**, A. Hama, Y. Zhang, L. Gallais, R. M. Owens, Laser "Patterning of Self-Assembled Monolayers on PEDOT:PSS Films for Controlled Cell Adhesion", ***Advanced Materials Interfaces,* (2017) 1–8**.

41. I. Uguz, C. M. Proctor, V. F. Curto, **A. M. Pappa**, M. J. Donahue, M. Ferro, R. M. Owens, G. G. Malliaras, "A microfluidic ion pump for in vivo drug delivery" ***Advanced Materials (2017) 29 (27), 1701217.*** *doi:10.1002/adma.201701217*

42. S. Inal, A. Hama, M. Ferro, C. Pitsalidis, J. Oziat, D. Iandolo, **A. M. Pappa**, M. Hadida, M. Huerta, D. Marchat, P. Mailley, R. M. Owens, "Conducting Polymer Scaffolds for Hosting and Monitoring 3D Cell Culture", ***Advanced Biosystems,* (2017) 1700052**. *doi:10.1002/adbi.201700052*

43. **A.M. Pappa**, S. Inal, K. Roy, Y. Zhang, C. Pitsalidis, A. Hama, J. Pas, G. G. Malliaras, R. M. Owens, "Polyelectrolyte Layer by Layer Assembly on Organic Electrochemical Transistors" ***ACS Applied Materials & Interfaces (2017), 9, 10427***. *doi:10.1021/acsami.6b15522*

44. M. Braendlein*, **A. M. Pappa***, M. Ferro, A. Lopresti, C. Acquaviva, E. Mamessier**,** G. G. Malliaras, R. M. Owens, "Lactate detection in tumor cell cultures using organic transistor circuits", ***Advanced Materials (2017) 29(13), 1605744*** *doi:10.1002/adma.201605744*

45. X. Strakosas, M. Huerta, M. J. Donahue, A. Hama, **A. M. Pappa**, M. Ferro, M. Ramuz, J. Rivnay, R. M. Owens, "Catalytically enhanced organic transistors for in vitro toxicology monitoring through hydrogel entrapment of enzymes" ***Journal of Applied Polymer Science (2016) 134 (7)***. *doi:10.1002/app.44483*

46. **A. M. Pappa,** V. F. Curto, M. Braendlein, X. Strakosas, M. J. Donahue, M. Fiocchi, G. G. Malliaras, R. M. Owens, "Organic transistor arrays integrated with finger-powered microfluidics for multianalyte saliva testing" ***Advanced healthcare materials (2016) 5 (17), 2295-2302*** ***doi:10.1002/adhm.201600494***

47. C. Pitsalidis, **A. M. Pappa**, S. Hunter, A. Laskarakis, T. Kaimakamis, M. M. Payne, J. E. Anthony, T. D. Anthopoulos, S. Logothetidis, "High mobility transistors based on electrospray-printed small-molecule/polymer semiconducting blends" ***Journal of Materials Chemistry C,* 4 (2016) 3499–3507**
doi:10.1039/c6tc00238b

48. C. Pitsalidis, **A. M. Pappa**, S. Hunter, M. M. Payne, J. E. Anthony, T. D. Anthopoulos, S. Logothetidis, "Electrospray-processed soluble acenes toward the realization of high-performance field-effect transistors" ***ACS Applied Materials Interfaces,* 7 (2015) 6496−6504** *doi:10.1021/am508162m*

49. V. Karagkiozaki, S. Logothetidis, **A. M. Pappa** "Nanomedicine for atherosclerosis: molecular imaging and treatment" ***Journal of biomedical nanotechnology (2015) 11 (2), 191-21*** doi:10.1166/jbn.2015.1943

50. **A. M. Pappa**, V. Karagkiozaki, S. Krol, S. Kassavetis, D. Konstantinou, C. Pitsalidis, L. Tzounis, N. Pliatsikas, S. Logothetidis, "Oxygen-plasma-modified biomimetic nanofibrous scaffolds for enhanced compatibility of cardiovascular implants", ***Beilstein Journal Nanotechnology* 6 (2015) 254−262**. *doi:10.3762/bjnano.6.24*

Book Chapters

1. **Handbook of Conducting Polymers**,4th edition, 2019, TAYLOR & FRANCIS, Conducting and Conjugated Polymers for Biosensing Applications
C. Pitsalidis, **A.M. Pappa**, C.M Moysidou, D. Iandolo and R. M. Owens

2. **Handbook of Bioelectronics**, AIP publishing, In vitro Bioelectronic systems, **A.M. Pappa**

Patents

1. N-type polymer based electrochemical device for direct enzymatic metabolite sensing and methods of making and using USA, 2020, no.16/962,971. **A.M. Pappa**, A. Giovannitti, S. Inal.

Selected Presentations

**a full list can be provided upon request*

1. **iCANX youth talks** (online event with more than **10K** attendees) **Invited seminar** on "membrane on chip" 5 September 2023
2. **2023 NANOTEXNOLOGY**, **Invited talk** on "Membrane on chip", Thessaloniki, Greece, 1-8 July
3. **2023 Nanoseries**, **Invited talk on**"Organic (nano)bioelectronics for next generation point-of-care sensors: Zooming into cell membrane" ICMM-CSIC Material Science Institute of Madrid, Spain June 19-21, 2023
4. **Decode EU-Horizon project, Invited Keynote talk on** "In vitro bioelectronics", Medical School, National and Kapodistrian School, Athens, Greece, June 20, 2023
5. **IEEE FLEPS 2023**, **Invited panel participation** on "Diversity in science", Northeastern University, Boston, 9-15 July 2023
6. **12th International Conference on Flexible electronics** (ICFPE2022),**Invited talk** on flexible organic bioelectronics Jeju Korea, 11-14 October 2022
7. **SPIE Optics and Photonics** 2023, **Invited** talk on organic biomembrane transistors, Aug 22-24 2022
8. **New York University Abu Dhabi**, **Invited Seminar** on in vitro bioelectronics, March 2022
9. **FORTH, Crete**, **Invited** seminar on in vitro bioelectronics, July 2022
10. **IEEE International Flexible Electronics Technology Conference** (IFETC), virtual, Aug 2021 **Invited talk, "**Next generation point-of-care biosensors"
11. **Istituto Italiano di Tecnologia (IIT),** virtual, 2021 **Invited Seminar "**Cell membranes on-chip"
12. **Department of Bioengineering KAUST**, virtual, 2020, Saudi Arabia, **Invited seminar,** "Cell membranes on-chip"
13. **MRS 2020 Spring/Fall Meeting**, virtual, *"Studying Human Cell Membrane Function Using Bioelectronic Technologies"*
14. **Virtual seminars in Biomedical Science**, 2020, Imperial College, UK, **Invited Talk,** "Cell membranes on-chip"
15. **Graphene CDT Advanced Lecture Series**, 2019, Cambridge Graphene Center, UK, **Invited Seminar** *"Biomimetic organic electronic devices for drug discovery"*

16. **Newnham College Natural Sciences Society**, *2019, Cambridge University, UK,* **Invited Seminar** *"Merging synthetic biology with bioelectronics"*

17. **GRC Bioanalytical Sensors**, 2018, Newport, USA, **Invited Talk**, *"Interfacing Electronics with Biology In Vitro: From Diagnostics to Drug Discovery"*

18. **Centre for Plastic Electronics Annual Symposium,** 2018, Imperial College, UK, **Invited Seminar** *"Interfacing electronics with biology in vitro: From diagnostics to drug discovery"*

19. **Biological & Environmental Science & Engineering Division, KAUST**, 2018, Saudi Arabia, **Invited Seminar**, *"Interfacing electronics with biology across multiple length scales: From diagnostics to drug discovery"*

20. **MRS 2017 Fall Meeting** 2017, Boston, USA, **Contributed Talk**, *"Antimicrobial compound screening using organic transistors"*

21. **MRS 2016 Fall Meeting** 2016, Boston, USA, **Contributed Talk** *"Layer by Layer assemblies on Organic Electrochemical Transistors"*

22. **Winter School in Bioelectronics, BioEl2016**, Kirchberg, Austria **Contributed Talk** *"Multianalyte detection in saliva using organic electrochemical transistors"*

23. **MRS 2015 Fall Meeting** 2015, Boston, USA, **Contributed Talk** *"Multianalyte sensors based on organic electrochemical transistors"*

Selected Media Interactions

1. **Press release**, "Low-cost plastic sensors could monitor a range of health conditions", ***link***
2. **MRS bulletin,** "The quest for materials solutions to the coronavirus pandemic", 2020, ***link***
3. **BBC east** "Covid on chips", 2020 ***video***
4. **Science Daily,** "Cell 'membrane on a chip' could speed up screening of drug candidates for COVID-19", 2020, ***link***
5. **Phys.org,** "Paper sensors remove the sting of diabetic testing", 2019, ***link***
6. **Science Daily**, "Low-cost plastic sensors could monitor a range of health conditions", 2018, ***link***
7. **Ellines.com "**2 Greek researchers won in the "Women in Science" awards for 2017**"** ***link***

Entrepreneurial Skills & Organizational Service

Entrepreneur and personal development events

∞ **Impulse programme**, Maxwell Centre, Cambridge, entrepreneurial programme for scientists and academic entrepreneurs, (Sponsored by PDoc & OdPA society) 2018

∞ **Glasgow Enterprise Fair**, Postdocs 2 Innovators, insights into the process of research commercialization, starting a business, finding funding, and self-employment, 2018

Organization of international conferences

∞ Symposium organizer in MRS Fall 2023, MRS 26-1 Dec 2023, Boston, USA

∞ Symposium organizer in MAT-SUS, Nanoge, Torremolinos, Spain 2023,

∞ Symposium organizer in MRS Spring 2022, MRS 14-18 May 2022, Honolulu, Hawai

∞ Organizing Committee, "Fête de la science" 15 Oct 2016 Center of Microelectronics, France

∞ Organizing Committee, International Conference in Nanosciences and Nanotechnologies, 2011-2014, Greece