



Academic Personnel Short Profile / Short CV

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|-----------------------------|--------------------------|
| University: | University of Nicosia |
| Surname: | Koumas |
| Name: | Laura |
| Rank/Position: | Adjunct Faculty |
| Faculty: | Sciences and Engineering |
| Department: | Life and Health Sciences |
| Scientific Domain: * | Immunology |

** Field of Specialization*

Academic qualifications (list by highest qualification)

| Qualification | Year | Awarding Institution | Department | Thesis title (Optional Entry) |
|---------------|------|-----------------------------|-----------------------------|--|
| PhD | 2002 | University of Rochester, NY | Microbiology and Immunology | Human fibroblast diversity: Isolation and characterization of Thy-1+ and Thy-1- subpopulations |
| MSc | 2000 | University of Rochester, NY | Microbiology and Immunology | |
| BA | 1998 | Rutgers University, NJ | Biological Sciences | |



Employment history in Academic Institutions/Research Centers–List by the three (3) most recent

| Period of employment | | Employer | Location | Position |
|----------------------|-------|--|-----------------|---------------------------------------|
| From | To | | | |
| 2020 | Today | University of Nicosia | Nicosia, Cyprus | Adjunct Faculty |
| 2002 | Today | Karaiskakio Foundation/ Center for the Study of Hematological Malignancies | Nicosia, Cyprus | Head of Cellular Pathology-Immunology |

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected – (max total 10)

| Ref. Number | Year | Title | Other authors | Journal and Publisher / Conference | Vol. | Pages |
|-------------|------|---|--|------------------------------------|------|-----------|
| 1 | 2021 | The PML-RARA fusion is not detectable in historical blood samples of acute promyelocytic leukaemia patients | WG.Dunn, MS. Gu, MA., J Cooper, JF. Nomdedeu, K Nicolaou, J Chi, P Costeas, GS. Vassiliou. | Annals of Hematology | 10 | 4472-4475 |
| 2 | 2021 | Normalizing the Microenvironment Overcomes Vessel Compression and Resistance to Nano-immunotherapy in Breast Cancer Lung Metastasis | FMpekris, MPanagi, CVoutouri, JD. Martin, RSamuel, S Takahashi, N Gotohda, T Suzuki, PPapageorgis, P Demetriou, CPierides, P Costeas, M Kojima, G Ishii, A Constantinidou, K Kataoka, H Cabral, and T Stylianopoulos | Advanced Science | 8(3) | 1-12 |
| 3 | 2020 | The rare DNA ligase IV syndrome: A case report | PGerasimou, A Miltiadous, I Kyprianou, J Chi, R Gavrielidou, E Socratous, L Loizou, E Papachristodoulou, E Karaoli, A Loizos, V Anastasiadou, P Costeas | Human Pathology | 22 | 1-5 |
| 4 | 2019 | NGS COMBINED WITH ASO REAL-TIME PCR BASED MRD DETECTION ASSAY FOR PEDIATRIC ALL PATIENTS: PF188 | Nicolaou K, Chi J, Koumas L., Loizou L., Karaoli E, Papachristodoulou E, Loizos A., Costeas P. | HemaSphere | 46 | |
| 5 | 2019 | GENERIC IMATINIB FOR THE TREATMENT OF CHRONIC MYELOID LEUKAEMIA- CLINICAL EXPERIENCE OVER | Prokopiou, C, Frangoulides, A, Neokleous N, Seimeni, O, Koumas, S, Papadopoulos, P, Giannou, E., Lerni, M., Costeas, P. | Hemasphere | 886 | |

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|----|------|--|--|---------------------------|-----|-----------|
| | | A SIX YEAR PERIOD: PB1950 | | | | |
| 6 | 2016 | Eye on the B-ALL: B-cell receptor repertoires reveal persistence of numerous B-Lymphoblastic leukemia subclones from diagnosis to relaps | Bashford-Rogers RJM, Nicolaou K, Bartram J, Goulden NJ, Loizou L, Chi J, Hubank M, Kellam P, Costeas PA, Vassiliou G | Leukemia | 30 | 2312-2321 |
| 7 | 2015 | Gene expression changes in HLA mismatched mixed lymphocyte cultures reveal genes associated with allorecognition. | Nicolaidou V, Stylianiou C, Vassiliou GS, Bodman-Smith KB, Costeas P. | Tissue Antigens | 85 | 267-277 |
| 8 | 2014 | Calreticulin gene exon 9 frameshift mutations in patients with thrombocytosis | Chi J, Nicolaou KA, Nicolaidou V, Mitsidou A, Pierides C, Manoloukos M, Barbouti K, Melanthiou F, Prokopiou C, Vassiliou GS, Costeas P | Leukemia | 28 | 1152-1154 |
| 9 | 2012 | Induction of discrete apoptotic pathways by bromo-substituted indirubin derivatives in invasive breast cancer cells | Nicolaou KA, Liapis V, Evdokiou A, Constantinou C, Magiatis P, Skaltsounis AL, Costeas PA, Constantinou AI. | BiochemBiophys Res Commun | 17 | 76-82 |
| 10 | 2003 | Thy-1 expression in fibroblast subsets defines myofibroblastic or lipofibroblastic phenotypes | TJ Smith, N Blumberg, S Feldon and RP Phipps | Am J Pathol | 163 | 1291-1300 |

**Exhibitions (where applicable).List the five (5) more recent and other five (5) selected.
(max total 10)**

| Ref. Number | Date | Topic | International / Local | Location* | Role in Exhibition |
|-------------|------|---|-----------------------|-----------|----------------------|
| 1 | 2020 | First Report of a KMT2A-USP2 Fusion using RNA Next Generation Sequencing in a Pediatric Mixed Phenotype Acute Leukemia | Local | Cyprus | Presenter/ Poster |
| 2 | 2020 | Integrated Hemato-oncology Investigation and Support in Childhood Acute Lymphoblastic Leukemia (ALL) patients: Experience of One Integrated Diagnostic Center | Local | Cyprus | Presenter/ Poster |
| 3 | 2019 | Generic imatinib for the treatment of chronic myeloid leukaemia-clinical experience over a six year period: | International | Greece | Poster |
| 4 | 2019 | NGS combined with ASO real-time PCR-based MRD detection assay for pediatric ALL patients | International | Greece | Poster |
| 5 | 2017 | Development and Validation of flow cytometry panels | International | Greece | Poster |
| 6 | 2017 | Multidisciplinary diagnostic and monitoring approach with flow cytometry and NGS in ALL | International | Greece | Poster |
| 7 | 2015 | Case report of B-ALL lineage switch to AML during the course of therapy | International | Italy | Oral Presentation |
| 8 | 2014 | B-ALL case study | Local | Nicosia | Poster |
| 9 | 2013 | Gene expression changes in HLA mismatched mixed lymphocyte cultures reveal genes associated with GVHD | Local | Nicosia | Poster |
| 10 | 2003 | Cytokine gene polymorphisms in leukemia development. | International | Bulgaria | Poster |

* Specify venue, geographic location etc

| Research Projects. List the five (5) more recent and other five (5) selected (max total 10) | | | | |
|---|-----------|---|---|---------------------|
| Ref. Number | Date | Title | Funded by | Project Role* |
| 1 | 2019-2022 | Epigenetic Modulation for the generation of innovative cellular immunotherapies against Graft versus Host Disease | Research Promotion Foundation (RPF), Cyprus | Project Coordinator |
| 2 | 2019-2022 | Retrospective Analysis of Clonal Transformation | RPF, Cyprus | Project Coordinator |
| 3 | 2010 | New Infrastructure: Development of the Center for the Study of Hematological Malignancies | RPF, Cyprus | Team member |
| 4 | 2004-2006 | Immunogenetic factors in the development of chronic leukemia | RPF, Cyprus | Young investigator |
| 5 | 2004 | Graft versus Host disease | RPF, Cyprus | Partner |

*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other



**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

| Ref. Number | Period | Organization | Title of Position or Service | Key Activities |
|-------------|-----------|----------------------------------|------------------------------|----------------|
| 1 | 2006-2009 | Cyprus Society of Human Genetics | Board Member | |

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10)(Optional Entry)**

| Ref. Number | Date | Title | Awarded by: |
|-------------|------|--|--|
| 1 | 2015 | European Specialization in Histocompatibility and Immunogenetics Honorary Disploma | The European Specialization in Transplantation Immunology, histocompatibility and Immunogenetics (ESHI-UEMS) |