

## CURRICULUM VITAE

Kyriacos N. Felekis, Ph.D.

### Personal Information

Date of Birth: 28 September 1975

Place of Birth: Nicosia, Cyprus

### Contact Information

University of Nicosia

Department of Life and Health  
Sciences

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### Education

- 1987-1994 *High School Diploma*. The Grammar School Nicosia, Nicosia, Cyprus.
- 1996-2000 *BSc, Biotechnology*, Worcester Polytechnic Institute, Worcester, Massachusetts, USA.
- 2000-2004 *PhD, Pathology and Laboratory Medicine*, Boston University School of Medicine, Boston, Massachusetts, USA.

### Research Experience and Professional Career

- 1999 *Summer Fellowship*, Localization of G $\beta$  subunit of yeast pheromone receptor. University of Massachusetts Medical Center, Department of Microbiology and Molecular Genetics.  
**Advisor: Dr. Duane Jenness**
- 1999 *Major Qualifying Project*, Transcriptional regulation of  $\alpha$ 2A adrenergic receptor in CATH.a cells. Boston University School of Medicine, Department of Medicine.  
**Advisors: Dr. Diane Handy**
- 2001- 2004 *PhD Dissertation*, Mechanism of AND-34/BCAR3-induced Rac and Cdc42 activation in breast cancer. Boston University School of Medicine, Hematology and Oncology, Department of Medicine.  
**Advisor: Dr. Adam Lerner**
- 2008 *Part-time Lecturer*, **University of Nicosia**, Department of Life and Health Sciences.

- 2009 *Part-time Lecturer, Cyprus University of Technology, Department of Electrical Engineering and Information Technology.*
- 2004-2011 *Scientist. University of Cyprus, Department of Biological Sciences.*
- 2011-Present *Associate Professor. University of Nicosia, Department of Life and Health Sciences (Associate Head of Department).*
- 2011-Present *Associate Professor of Histopathology/ Histopathology Lead/ PBL Tutor, St. George's University of London Medical School at UNIC.*
- 2011-Present *Researcher. University of Nicosia Research Foundation (UNRF).*
- 2016-Present *Head of Department University of Nicosia, Department of Life and Health Sciences*

#### **Honors/Awards**

- 1996-2000 *Fulbright Scholar, Cyprus-American Scholarship Program.*
- 1998 *Summer Undergraduate Fellowship, Appollonion General Hospital, Clinical Laboratory, Nicosia, Cyprus.*
- 1999 *Summer Research Fellowship, University of Massachusetts Medical Center. Department of Molecular Genetics.*
- 2000 *First Prize Award in poster competition, Transcriptional regulation of  $\alpha$ 2A adrenergic receptors. Worcester Polytechnic Institute.*
- 2000 *Third Prize Award, Interactive Qualifying Project competition, Health Care System of Cyprus. Worcester Polytechnic Institute.*
- 2001 *Stephen Salisbury Award, Award for Academic Excellence. Worcester Polytechnic Institute.*
- 2000-2004 *PhD Studentship, Boston University School of Medicine, Department of Pathology and Laboratory Medicine.*
- 2004 *Henry Russek Achievement Award. Award for Achievement in Science. Henry Russek Foundation.*
- 2006 *ESHG Annual Conference. Fellowship.*

- 2007-2008     *Cyprus Kidney Association Research Fellowship*
- 2009            *Experience Researcher. 1<sup>st</sup> Prize Award, FOITO 2009 Research Promotion Foundation, Student: Evi Touvana.*
- 2017            *ESHG Annual Conference. Fellowship.*

### **Societies-Professional Bodies**

- 2015- Present     *Cyprus National Bioethics Committee (CNBC), Member*
- 2016-2018        *Cyprus Society of Human Genetics (CSHG), Governing Board Member- Secretary*
- 2010- Present     *Molecular Medicine Research Centers, Member of the Executive Committee*
- 2011- Present     *Mediterranean Center for Cancer Research, Member*
- 2009- Present     *International Research Promotion Council, Cyprus Chapter National Coordinator*
- 2001-Present     *American Association of Immunologists, Trainee Member.*
- 2001-Present     *American Association of Molecular and Cellular Biology, Associate Member.*
- 2011-2013        *Research Ethics Committee, University of Nicosia, Member.*
- 2002-2003        *American Association for the Advancement of Science (AAAS), Member*

### **Additional Teaching Experience**

- 1999            *Peer Assistant. General Biology. **Worcester Polytechnic Institute.** Worcester, MA.*
- 2002            *Medical Integrated Problem Course. **Boston University School of Medicine.** Boston, MA.*
- 2005            *Guest Lecturer. Molecular Genetics I. **University of Cyprus.***

- 2005 *Guest Lecturer.* Special Topics in Human Genetics.  
**University of Cyprus.**
- 2006 *Guest Lecturer.* Introduction to Human Genetics.  
**University of Cyprus.**
- 2008 *Part-time Lecturer.* Elements of Biology and Anatomy and Physiology. **University of Nicosia.**
- 2009 *Part-time Lecturer.* Anatomy and Physiology I. **University of Nicosia.**
- 2009 *Part-time Lecturer.* Introduction to Biology. **Cyprus University of Technology.**

## **Grants**

**2017: Coordinator**

Funding Body: European Commission (Horizon 2020)  
“Advanced Personalized, multi-scale computer models preventing Osteoarthritis”  
[OActive]  
Amount: 4, 984, 033 Euros (36 months)  
University of Nicosia

**2016: Partner**

Funding: Universitas Foundation Internal Grants  
“Bovine XenomiRs as a novel potential mechanism for Colorectal Cancer (CRC) initiation and progression [Acronym: “MicroFOOD”]  
Amount: 20, 000 Euros (18 months)  
University of Nicosia

**2009: Collaborator, Group Leader**

Funding Body: Research Promotion Foundation and European Structural Funds.  
Principal Investigator: Constantinos Deltas  
Call Identifier Code: New Infrastructure/ΣTPATH/0308/24  
“Creation of a kidney specific Biobank and infrastructure for genomics/proteomics research”.  
Amount: 3,845,656 Euro (48 months)  
University of Cyprus

**2008: Collaborator**

Funding Body: Research Promotion Foundation and European Structural Funds.  
Principal Investigator: Despo Fatta

- Call Identifier Code: UPGRADE/DURABLE/0308  
“Fate, Effect and Removal Potential of Xenobiotics present in Aqueous Matrices (IX-Aqua).”  
Developed and supervise the work packages for the Biological assessment of Xenobiotics in treated waste water.  
Amount: 90, 000 Euros (48 months)  
University of Cyprus
- 2008: **Principal Investigator**  
Funding Body: Research Promotion Foundation  
Call Identifier Code: ΔΙΑΚΤΩΡ/ΔΙΣΕΚ/0308/07  
“The role of microRNAs (miRNAs) in the development of Polycystic Kidney Disease”  
Amount: 112, 500 (30months)  
University of Cyprus
- 2008: **Collaborator/Supervisor**  
Principal Investigator: Constantinos Deltas  
Funding Body: Research Promotion Foundation  
Call Identifier Code: ΠΕΝΕΚ/ΕΝΙΣΧ/0308/23  
“Animal Model of Type II Polycystic Kidney Disease”  
Amount: 90,000 (36 months)  
University of Cyprus
- 2008: **Collaborator/Supervisor**  
Principal Investigator: Constantinos Deltas  
Funding Body: Research Promotion Foundation  
Call Identifier Code: ΥΓΕΙΑ/ΒΙΟΣ/0308(BE)/17  
“Functional study of molecular pathomechanisms underlying glomerular basement membrane pathology in mice and cellular models”  
Amount: 120, 000 (36 months)  
University of Cyprus
- 2007: **Scientific Coordinator**  
Principal Investigator: Constantinos Deltas  
Funding Body: Research Promotion Foundation  
Call Identifier Code: ΠΕΝΕΚ ΕΝΙΣΧ/0506/20, ΜΥΚΗΝΕΣ  
“Kidney epithelial cells from PKD transgenic rat as a cellular model for treatment of Polycystic Kidney Disease”  
Amount: 60, 000 CYP (36 months)  
University of Cyprus
- 2006: **Collaborator**  
Principal Investigator: Constantinos Deltas and George Chalepakis  
Funding Body: Research Promotion Foundation

“Murine models of Polycystic Kidney Disease. The role of epithelial-mesenchymal disturbances in disease progression”

Amount: 10, 350 CYP (24 months)

University of Cyprus

**2005: Collaborator**

Principal Investigator: Constantinos Deltas

Funding Body: Research Promotion Foundation

Call Identifier Code: ΑΠΟΝΕ/0505/03, ΔΟΥΠΙΟΣΜΥΣ

“Mouse model of Polycystic Kidney Disease type 2”

Amount: 35, 000 CYP

University of Cyprus

**Laboratory Accreditation**

2002-2004                      Chemical Safety Officer. Boston University School of Medicine.

2002-2004                      Laboratory Animal Research Certified. Boston Medical Center (LASC).

**Submission to databases**

Microarray data, NCBI GEO, sample number [GSE11500]

Microarray data, NCBI GEO, sample number [GSE19460]

**Reviews-Evaluations-Assesments**

- Editorial Board Member: *Biochemistry and Cell Biology*
- I serve as a reviewer for:
  - *Journal of Padiatric Biochemistry*
  - *PLoS Journals*
  - *BMC Genomics*
  - *BMC Nephrology*
  - *Scientific Reports, Nature Publishing Group*
- EUROSTARS Technical Expert
- SSC-G Assessor- University of Nicosia Medical School
- SSC-T Assessor- University of Nicosia Medical School
- National Science Center, Poland
- Participated in PhD and MSc examination committees- Cyprus School of Molecular Medicine and University of Cyprus

**People who have been Trained/Supervised**

*Panayiota Koupepidou*, PhD Candidate, University of Cyprus  
*Gregory Papageorgiou*, PhD Candidate, University of Cyprus  
*Marlen Vasquez*, PhD Candidate, University of Cyprus  
*Myrtani Pieri*, PhD, University of Cyprus  
*Nancy Lambrianides*, PhD, University of Cyprus  
*Louiza Papazachariou*, PhD Student, University of Cyprus  
*Jane Burke*, Master Student, Boston University School of Medicine  
*Evi Touvana*, Master Student, University of Cyprus  
*Vassilis Christofi*, Undergraduate Student, Aristoteles University of Thessaloniki  
*Matt Qiao*, High School Student, Half Hollow Hills High, New York, USA  
*Marc Freedman*, High School Student, Half Hollow Hills High, New York, USA  
*Andy Mashawari*, High School Student, Half Hollow Hills High, New York, USA  
*George Georgiou*, Undergraduate Student, University of Nicosia  
*Vanessa Chaton*, Undergraduate Summer Student, University of Poitiers, France  
*Lucia Protopapa*, Undergraduate Student, University of Nicosia  
*Andrea Christofides*, PhD Candidate, University of Cyprus  
*Ilektra Sperdouli*, PhD, Aristotle University Greece, Visiting Scientist  
*Savvas Kattamis*, Undergraduate Student, University of Nicosia  
*Myrto Nicolaidou*, Undergraduate Student, University of Nicosia  
*Froso Sophocleous*, Undergraduate Student, University of Nicosia  
*Marios Argyrou*, PhD Candidate, University of Nicosia  
*Stavri Procopiou*, Undergraduate Student, University of Nicosia  
*Constantina Mylona*, Undergraduate Student, University of Nicosia  
*Andria Theodorou*, Undergraduate Student, University of Nicosia  
*Christiana Savva*, Postdoctoral Fellow, University of Nicosia  
*Xanthi Sophocleous*, PhD Candidate, University of Nicosia

### **Invited Lectures/ Posters**

Felekis K. *AND-34 in B lymphocytes. Pathology and Laboratory Medicine Department Weekly Seminars, Boston University School of Medicine. Boston, USA. November 8, 2001. Oral Presentation*

*Felekis K. AND-34-induced activation and antiestrogen resistance in breast cancer requires phosphatidylinositol 3-kinase. Henry Russek Scientific Conference. Boston University School of Medicine. Boston, USA. April, 2004.*

Felekis K. *RNA Interference: Natural phenomenon and a powerful laboratory tool. Medical Research Center, Faculty for Clinical Medicine, University of Heidelberg. Mannheim, Germany. November, 2004. Oral Presentation*

Felekis KN, Koupepidou P, Kastanos E, Gretz N, Tsiokas L, and Deltas C. *Use of RNAi technology in cellular models as a therapeutic approach to type2 autosomal dominant polycystic kidney disease. FASEB Summer Research Conference. August 6, 2005.*

Felekis KN, Koupepidou P, Kastanos E, Gretz N, Tsiokas L, and Deltas C. *Polycystin-2 regulates cellular proliferation in a p21/Cdk-2-independent manner.* **ESHG Annual Conference**, Amsterdam, Netherlands, May 6, 2006.

Felekis KN, Koupepidou P, Kastanos E, Bai CX, Gretz N, Tsiokas L, and Deltas C. *Polycystin-2 regulates cellular proliferation in a p21/Cdk-2-independent manner: implication for p57 involvement.* **ESHG Annual Conference**, Nice, France, June 16, 2007.

Felekis KN. *Cell Biology of Polycystic Kidney Disease.* **Recent Advances in Health and Medical Sciences**, Pafos, Cyprus, 7-12 March, 2008. **Oral Presentation**

Felekis KN, Koupepidou P, et. al. *Mutant polycystin-2 induces proliferation in primary rat tubular epithelial cells in a STAT-1/p21- independent fashion accompanied instead by alternation in expression of p57<sup>KIP2</sup> and Cdk2.* **1st International Conference 2008 of the Cyprus Society of Human Genetics.** Nicosia, Cyprus, October 3-4, 2008.

Felekis KN, Koupepidou P, Kränzlin B, Sticht C, Gretz N, Deltas C. *Cyst formation in the PKD2 (1-703) transgenic rat precedes deregulation of proliferation-related pathways.* **21st Annual Meeting of the European Renal Cell Study Group.** Delphi, Greece, March 26-29, 2008. **Oral Presentation**

Kyriacos N. Felekis, Carsten Sticht, Norbert Gretz and Constantinos Deltas. *The role of microRNAs (miRNA) in the development of Polycystic Kidney Disease.* **MicroRNA Europe 2009.** Cambridge, UK, November 2-3, 2009.

Kyriacos N. Felekis, Gregoris Papagregoriou, Carsten Sticht, Norbert Gretz and Constantinos Deltas. *Mir-99b is involved in early stages of PKD progression.* **MicroRNA Europe 2010.** Cambridge, UK, November 2-3, 2010. **Oral Presentation**

Kyriacos N. Felekis, Gregoris Papagregoriou, Carsten Sticht, Norbert Gretz and Constantinos Deltas. *Mir-99b is involved in early stages of PKD progression .* **2nd International Conference 2010 of the Cyprus Society of Human Genetics.** Nicosia, Cyprus, November 26-27, 2010. **Oral Presentation**

Kyriacos N. Felekis, Gregoris Papagregoriou, Carsten Sticht, Norbert Gretz and Constantinos Deltas. *Mir-99b is involved in early stages of PKD progression.* **EuroKup COST Action**, Pissouri, Cyprus, November 6-7, 2010.

Kyriacos N. Felekis, Gregoris Papagregoriou, Carsten Sticht, Norbert Gretz and Constantinos Deltas. *MicroRNAs and Kidney Diseases.* **University of Cyprus**,



**Department of Biological Sciences Weekly Seminars**, Nicosia, Cyprus,  
February 25<sup>th</sup>, 2011.

Kyriacos N. Felekis, Konstantinos Voskarides, Harsh Dweep, Carsten Sticht, Norbert Gretz, Constantinos Deltas. Increased number of microRNA target sites in genes encoded in CNV regions. Evidence for an evolutionary genomic interaction. **ESHG Annual Conference**, Amsterdam, Netherlands, May 28-31, 2011. **Oral Presentation**.

**Kyriacos N. Felekis**, Genomic interaction of miRNAs and CNVs during Evolution. Cyprus Society of Human Genetics, Research Conference on Basic Science, Nicosia, Cyprus, June 30, 2011. **Oral Presentation**.

**Kyriacos N. Felekis**. The role of non-coding RNAs in human disease. **OELMEK 8<sup>th</sup> Annual Conference**, Pafos, Cyprus, 27-28<sup>th</sup> of April, 2012. **Oral Presentation**

Voskarides K, **Felekis K**, Pieri M, Demosthenous P, Arsali M, Papazachariou L, Xydakis D, Athanasiou Y, Stylianou K, Goulielmos G, Loizou P, Savige J, Daphnis E, Höhne M, Völker LA, Benzing T, Pierides A, Deltas C. A rare penetrant mutation in *NEPH3* confers high risk of proteinuria and renal failure on the background of hematuric glomerulopathies. **The 9<sup>th</sup> International Podocyte Conference** April 22-25, 2012 - Miami, USA. **Poster Presentation**

Christofides A, Papagregoriou G, Dweep H, Gretz N, **Felekis KN**, Deltas C (2012) MicroRNAs are potential regulators of gene transcription by their direct binding on intergenic DNA target sequences in human cells: The hsa-miR-548c-5p example. Research Work of Postgraduate Students. Event organized by the **Faculty of Pure and Applied Sciences**, University of Cyprus. 16-17 November, 2012. **Poster Presentation**

Voskarides K, **Felekis K**, Pieri M, Demosthenous P, Arsali M, Papazachariou L, Xydakis D, Athanasiou Y, Stylianou K, Goulielmos G, Loizou P, Savige J, Daphnis E, Höhne M, Völker LA, Benzing T, Pierides A, Deltas C. A rare penetrant mutation in *NEPH3* confers high risk of proteinuria and renal failure on the background of hematuric glomerulopathies. **European Society of Human Genetics Annual Conference**, Paris, France, May 2013. **Poster Presentation**

Pieri M, Stefanou C, Zaravinos A, Erguler K, Dweep H, Sticht C, Anastasiadou N, Zouvani I, Felekis K, Voskarides K, Gretz N, Deltas C (2013) Evidence for activation of the unfolded protein response in collagen IV nephropathies. **25<sup>th</sup> Anniversary Meeting of the European Renal Cell Study Group**. Eynsham Hall, Oxford, UK 21-24 March, 2013. **Oral presentation**

Pieri M, Stefanou C, Zaravinos A, Erguler K, **Felekis K**, Lapathitis G, Dweep H, Sticht C, Anastasiadou N, Zouvani I, Voskarides K, Gretz N, Deltas C (2013)

Evidence for activation of the unfolded protein response in collagen IV nephropathies. **50th ERA-EDTA Congress**, Istanbul, Turkey, May 18-21, 2013. **Poster Presentation**

**Kyriacos N. Felekkis.** MicroRNAs and Ageing. **2<sup>nd</sup> Symposium. Pathways to Indefinite Lifespans.** Nicosia, Cyprus, May 14<sup>th</sup>, 2014. **Oral Presentation**

**Kyriacos N. Felekkis.** Homo sapiens exhibit a distinct pattern of CNV genes regulation: an important role of miRNAs and SNPs in expression plasticity. **4<sup>th</sup> International Conference of the Cyprus Society of Human Genetics**, Nicosia, Cyprus, October 10-11, 2014. **Oral Presentation**

**Kyriacos N. Felekkis.** Homo sapiens exhibit a distinct pattern of CNV genes regulation: an important role of miRNAs and SNPs in expression plasticity. **40<sup>th</sup> FEBS Congress**, Berlin, Germany, July 4-9, 2015. **Poster Presentation**

**Kyriacos N. Felekkis.** Evolutionary and Unique Regulation of Human Genes by miRNAs. **OELMEK 12<sup>th</sup> Annual Conference**, Nicosia, Cyprus, 16<sup>th</sup> of April, 2016. **Oral Presentation**

Myrtani Pieri and **Kyriacos Felekkis.** Bovine XenomiRs as a novel potential mechanism for Colorectal Cancer (CRC) initiation and progression. **5<sup>th</sup> International Conference of the Cyprus Society of Human Genetics**, Nicosia, Cyprus, October 14-15, 2016. **Oral Presentation**

**Kyriacos N. Felekkis.** Evolutionary and Unique Regulation of Human Genes by miRNAs. **5<sup>th</sup> International Conference of the Cyprus Society of Human Genetics**, Nicosia, Cyprus, October 14-15, 2016. **Oral Presentation**

**Kyriacos N. Felekkis.** Evolutionary and Unique Regulation of Human Genes by miRNAs. **Aristotle University Cyprus, School of Pharmacy, Departmental Seminar Series, Thessaloniki, Greece.** January 27<sup>th</sup>, 2017 **Oral Presentation**

Rana Abu Manneh, Froso Sophocleous, Dweep Harsh, Gregoris Papagregoriou, Myrtani Pieri, **Kyriacos N. Felekkis.** Bovine XenomiRs as a novel potential mechanism for Colorectal Cancer (CRC) initiation and progression. **European Society of Human Genetics Conference**, Copenhagen, Denmark, May 27<sup>th</sup>- 30<sup>th</sup>, 2017. **Poster Presentation.**

**Kyriacos N. Felekkis.** Bovine XenomiRs as a novel potential mechanism for Colorectal Cancer (CRC) initiation and progression. **Pancyprian Conference for Prevention, Diagnosis and Treatment of Cancer**, Nicosia, Cyprus, 6<sup>th</sup>-7<sup>th</sup> May, 2017. **Oral Presentation.**

**Kyriacos N. Felekis.** MicroRNA regulation of Ribosomal Proteins in Colorectal Cancer: a potential therapeutic target. 3<sup>rd</sup> International Oncology Conference, Limassol, Cyprus, 24<sup>th</sup>-27<sup>th</sup> October 2017. Oral Presentation.

### **Books**

Felekis K and Voskarides K. *Genomic Elements in Health Disease and Evolution: the “junk” DNA*. **Springer Publishing Group**, 2015.

### **List of Publications**

- 1) Voskarides K, Stefanou C, Pieri M, Demosthenous P, Felekis K, Arsali M, Athanasiou Y, Xydakis D, Stylianou K, Daphnis E, Goulielmos G, Loizou P, Savage J, Höhne M, Völker LA, Benzing T, Maxwell PH, Gale DP, Gorski M, Böger C, Kollerits B, Kronenberg F, Paulweber B, Zavros M, Pierides A, Deltas C. A functional variant in NEPH3 gene confers high risk of renal failure in primary hematuric glomerulopathies. Evidence for predisposition to microalbuminuria in the general population. **PloS ONE**, 2017; **12(12): e0174274**.
- 2) Felekis K. *MicroRNAs and Aging: Biomarkers or Therapeutics Targets?* **Curr Aging Sci**. 2017;**10(2):80-82**.
- 3) Vasquez MI, Tarapoulouzi M, Lambrianides N, Hapeshi E, Felekis K, Saile M, Sticht C, Gretz N, Fatta-Kassinos D. *Assessing the potential of pharmaceuticals and their transformation products to cause mutagenic effects: Implications for gene expression profiling*. **Environ Toxicol Chem.**, 2016 Nov., **35(11):2753-2764**.
- 4) Dweep H, Kubikova N, Gretz N, Voskarides K, Felekis K. *Homo sapiens exhibit a distinct pattern of CNV genes regulation: an important role of miRNAs and SNPs in expression plasticity*. **Scientific Reports**, 2015 Jul **16;5:12163**.
- 5) Dweep H, Gretz N, Felekis K. A schematic workflow of collecting information about the interaction of copy number variants and microRNAs with existing resources. **Methods Mol Biol**, 2014; **1182:307-320**.
- 6) Dweep H, Georgiou GD, Gretz N, Deltas C, Voskarides K, Felekis K. CNVs-microRNAs Interactions Demonstrate Unique Characteristics in the Human Genome. An Interspecies in silico Analysis. **PloS ONE**, 2013; **8(12):e81204**
- 7) Myrtani Pieri, Charalambos Stefanou, Apostolos Zaravinos, Kamil Erguler, Kostas Stylianou, George Lapathitis, Christos Karaiskos, Isavella Savva, Revekka Paraskeva, Harsh Dweep, Carsten Sticht, Natassa Anastasiadou, Ioanna Zouvani, Demetris Goumenos, Kyriacos

Felekis, Moin Saleem, Konstantinos Voskarides, Norbert Gretz, Konstantinos Deltas. Evidence for activation of the unfolded protein response in collagen IV nephropathies. **JASN**. 2013, 25 (2); 260-275.

- 8) Papagregoriou G, Erguler K, Dweep H, Voskarides K, Koupepidou P, Athanasiou Y, Pierides A, Gretz N, Felekis KN, Deltas C. A miR-1207-5p binding site polymorphism in HBEGF gene is associated with disease severity in CFHR5 glomerulonephritis, **PloS ONE**, 2012;7(2):e31021. (co-corresponding author)
- 9) Deltas C and Felekis K. Is suppression of cyst growth in PKD enough to preserve renal function?: STAT6 inhibition a novel promising target. **JAK-STAT Journal**, 1(3): 216-218. *Commentary*
- 10) Felekis KN, Voskarides K, Dweep H, Sticht C, Gretz N, Deltas C (2011). Increased number of microRNA target sites in genes encoded in CNV regions. Evidence for an evolutionary genomic interaction. **Molecular Biology and Evolution**, 28(9):2421-4.
- 11) Felekis KN, Touvana E, Stephanou C, Deltas (2010) C. MicroRNAs: a newly discovered class of RNA molecules that play a role in health and disease. **HIPPOCRATIA**, 14(4): 236-40.
- 12) Felekis KN, Koupepidou P, Kränzlin B, Sticht C, Gretz N, Deltas C (2010). Cyst formation in the PKD2 (1-703) transgenic rat precedes deregulation of proliferation-related pathways. **BMC Nephrology**, 11:23
- 13) Felekis KN, Koupepidou P, Kastanos E, Bai CX, Witzgall R, Gretz N, Tsiokas L, Deltas C (2008). Mutant polycystin-2 induces proliferation in primary rat tubular epithelial cells in a STAT-1/p21-independent fashion accompanied instead by alternations in expression of p57KIP2 and Cdk2. **BMC Nephrology**, 9:10.
- 14) Felekis K and Deltas C (2006). RNA Interference: A Powerful laboratory tool and its therapeutic implications. **HIPPOKRATIA**. 10(3): 112-115.
- 15) Felekis K and Lerner A (2005). Characterization of AND-34. **Methods of Enzymology**. 407:55-63.
- 16) Felekis K, Narshimhan R, Castro A, Quilliam L and Lerner A (2005). AND-34 activates phosphatidylinositol 3-kinase and induces antiestrogen resistance in a SH2 and GEF-like dependent manner. **Mol. Cancer Res.** 3(1): 32-41.

- 17) Cai D, Felekkis K \* Near RI, O'Neil GM, van Seventer JM, Golemis EA, Lerner A (2003). The GDP exchange factor AND-34 is expressed in B cells, associates with HEF-1, and activates Cdc42. **J Immunol.** 170(2): 969-78. (\* First Co-author).
- 18) Cai D, Iyer A, Felekkis KN, Near RI, Luo Z, Chernoff J, Albanese C, Pestell RG, Lerner A (2003). AND-34/BCAR3, a GDP exchange factor whose overexpression confers antiestrogen resistance activates Rac, PAK1, and the cyclin D1 promoter. **Cancer Res.** 63(20): 6802-8.
- 19) Tiwari S, Felekkis K, Moon EY, Flies A, Sherr DH, Lerner A (2003). Among circulating hematopoietic cells, B-CLL uniquely expresses functional EPAC-1 but EPAC1-mediated Rap-1 activation does not account for PDE4 inhibitor-induced apoptosis. **Blood.** 103(7):2661-7.