

Curriculum Vitae

Katerina Angelopoulou

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Date and Place of Birth

October 1, 1969 in Larnaca, Cyprus

Elementary Education

Elementary School in Nicosia, Cyprus

High School in Athens, Greece (Graduation 1987)

Degrees

1. B.Sc., Department of Chemistry, University of Athens, Athens, Greece (1987-1992)
2. Ph.D., Department of Clinical Biochemistry, University of Toronto, Toronto, Canada (1992-1997)

Updated: 2000.01.17

Awards

- Student Travel Grant Award given by the American Association of Clinical Chemistry (AACC) to attend the 1993 annual meeting in New York.
- The recipient of the 1993 Young Clinical Chemist Scholarship Award given by the Northeastern Sections of the AACC to attend the 1993 annual meeting in New York.
- The MedChem Laboratories Award for the best poster presentation, Canadian Society of Clinical Chemists (CSCC) annual meeting, Banff, Alberta, April 1993.
- Third place for the best M.Sc. poster presentation, Graduate Symposium Day, Department of Clinical Biochemistry, University of Toronto, June 1993.
- First-place award in honor of outstanding achievement, Student Research Awards, AACC annual meeting, New York, July 1993.
- Second place for the best Ph.D. poster presentation, Graduate Symposium Day, Department of Clinical Biochemistry, University of Toronto, June 1994.
- First place for the best Ph.D. poster presentation, Graduate Symposium Day, Department of Clinical Biochemistry, University of Toronto, June 1996.
- Second-place award in honor of outstanding achievement, Student Research Awards, AACC annual meeting, Chicago, IL, July 1996.
- The MedChem Laboratories Award for the best poster presentation, CSCC annual meeting, Chicago, IL, July 1996.
- Young Investigators' Award, Second Place, for 1997 Platform Presentation by a Doctoral Student, DPLM's Annual Symposium on Advances in Laboratory Medicine, The Hospital for Sick Children, Toronto, June 1997.
- Third-place award in honor of outstanding achievement, Student Research Awards, AACC annual meeting, Atlanta, Georgia, July 1997.

Scholarships

- **1992-1993**
University of Toronto Open Fellowship (\$ 6,800)
- **1993-1994**
University of Toronto Open Fellowship (\$ 10,200)
- **1994-1995**
International Student Differential Fee Waiver Scholarship
- **1995-1996**
International Student Differential Fee Waiver Scholarship
Ontario Graduate Scholarship (OGS) (\$ 11, 859)
- **1996-1997**
International Student Differential Fee Waiver Scholarship

Presentations at Scientific Meetings

A. Poster Presentations

- CSCC Annual Meeting, Banff, Alberta, April 1993
- AACC Annual Meeting, New York, July 1993
- CSCC Annual Meeting, Quebec, Quebec, June 1994
- AACC Annual Meeting, New Orleans, LA, July 1994
- 7th International p53 Symposium, Muskoka, Ontario, June 1994
- CSCC Annual Meeting, Whistler, BC, April 1995
- AACC Annual Meeting, Anaheim, CA, July 1995
- AACC and CSCC Annual Meeting, Chicago, IL, July 1996
- American Association of Cancer Research (AACR) Annual Meeting, San Diego, CA, April 1997
- AACC Annual Meeting, Atlanta, Georgia, July 1997
- AACR Annual Meeting, New Orleans, LA, March 1998
- CSCC Annual Meeting, Ottawa, ON, June 1998 (pending)
- AACC Annual Meeting, Chicago, IL, August 1998 (pending)
- DPLM's 2nd Annual Symposium on Advances in Laboratory Medicine, The Hospital for Sick Children, Toronto, Ontario, June 1998 (pending)

B. Oral Presentations

- AACC Upstate New York Section Spring Meeting, Niagara Falls, NY, May 1993
- AACC Upstate New York Section Spring Meeting, Corning, NY, May 1994
- Peters Academy Rounds in Pathology, Mount Sinai Hospital, Toronto, Ontario, November 1996
- DPLM's 1st Annual Symposium on Advances in Laboratory Medicine, The Hospital for Sick Children, Toronto, Ontario, June 1997

Original Research Papers

1. *Angelopoulou K*, Diamandis EP. Autoantibodies against the p53 tumor suppressor gene product quantified in cancer patient serum with time-resolved immunofluorometry. *Cancer J* 1993; 6: 315-321.
2. *Angelopoulou K*, Diamandis EP, Sutherland D, Kellen JA, Bunting PS. Prevalence of serum antibodies against the p53 tumor suppressor gene protein in various cancers. *Int J Cancer* 1994; 58: 480-487.

3. Levesque MA, D'Costa M, **Angelopoulou K**, Diamandis EP. Time-resolved immunofluorometric assay of p53 protein. Clin Chem 1995; 41: 1720-1729.
4. **Angelopoulou K**, Rosen B, Stratis M, Yu H, Solomou M, Diamandis EP. Circulating antibodies against p53 protein in ovarian cancer: Correlation with clinicopathological features and survival. Cancer 1996; 77: 2146-2152.
5. **Angelopoulou K**, Stratis M, Diamandis EP. Humoral immune response against the p53 tumor suppressor gene product in patients with colorectal carcinoma. Int J Cancer 1997; 70: 46-51.
6. **Angelopoulou K**, Diamandis EP. Detection of the TP53 tumour suppressor gene product and p53 auto-antibodies in the ascites of women with ovarian cancer. Eur J Cancer 1997; 33: 115-121.
7. Zarghami N, Levesque MA, D'Costa M, **Angelopoulou K**, Diamandis EP. Frequency of prostate specific antigen mRNA expression in lung tumors. Am J Clin Path 1997; 108: 184-190.
8. **Angelopoulou K**, Levesque MA, Katsaros D, Shipman R, Diamandis EP. Exon 5 of the p53 gene is a target for deletions in ovarian cancer. Clin Chem 1998; 44: 72-77.
9. **Angelopoulou K**, Diamandis EP. Identification of deletions and insertions in the p53 gene using multiplex PCR and high resolution fragment analysis: application to breast and ovarian tumors. J Clin Lab Analysis (in press), 1997.
10. Bharaj BS, **Angelopoulou K**, Diamandis EP. Rapid sequencing of the p53 gene with a new automated DNA sequencer. Clin Chem (in press), 1998.
11. **Angelopoulou K**, Yu H, Bharaj BS, Giai M, Diamandis EP. p53 gene mutation, tumor p53 protein overexpression and serum p53 autoantibody generation in patients with breast cancer. Int J Cancer (Submitted, 1998).
12. Lianidou ES, Levesque MA, Katsaros D, **Angelopoulou K**, Yu H, Genta F, Massobrio R, Bharaj B, Diamandis EP. Comparative prognostic values of ELISA-detected p53 protein overexpression and p53 gene mutation in epithelial ovarian carcinoma. Clin Chem (Submitted, 1998).
13. Lianidou ES, **Angelopoulou K**, Katsaros D, Diamandis EP. Fragment analysis of the p53 gene in ovarian tumors. Clin Biochem (in press, 1998).
14. **Angelopoulou K**, Borchert G, Lianidou ES, Melegos DN, Lilja H, Diamandis EP. Characterization of the BRCA1-like immunoreactivity of human seminal plasma. (Manuscript in preparation, 1998).
15. **Angelopoulou K**, Zarghami N, Bharaj B, Prody C, Scherer SW, Herbrick J-A, Huizenga J, Diamandis EP. Mapping of a novel 5 kb DNA sequence on human chromosome 5. (Manuscript in preparation, 1998).

Published Abstracts

1. **Angelopoulou K**, Diamandis EP, Kellen J, Bunting P, Sutherland D. Prevalence of antibodies against p53 protein in various cancers. Clin Biochem 1993; 26: 128-129.

2. **Angelopoulou K**, Diamandis EP. New methodology for measuring anti-p53 antibodies in human serum. Clin Biochem 1993; 26: 129.
3. **Angelopoulou K**, Diamandis EP, Bunting PS. Colorectal carcinoma elicits a humoral immune response against p53 mutant protein. Clin Biochem 1994; 27: 201.
4. **Angelopoulou K**, Stratis M, Diamandis EP. Humoral immune response against p53 tumor suppressor gene product in women with ovarian cancer. Clin Chem 1995; 41: 811.
5. **Angelopoulou K**, Stratis M, Diamandis EP. Serum p53 autoantibodies: Incidence in ovarian carcinoma. Clin Biochem 1995; 28: 340.
6. **Angelopoulou K**, Diamandis EP, Dunn JM, Jia Q. Fragment analysis of the p53 gene: method development and clinical applications. Clin Chem 1996; 42: 202.
7. **Angelopoulou K**, Yu H, Diamandis EP. p53 autoantibodies in sera of breast cancer patients: Association with p53 gene mutations and p53 protein overexpression. Clin Chem 1997; 43: 271-272.
8. Lianidou ES, **Angelopoulou K**, Diamandis EP. Identification of deletions and insertions in the p53 gene in ovarian tumors by high resolution fragment analysis and DNA sequencing. Clin Chem 1997; 43: 272.
9. **Angelopoulou K**, Katsaros D, Diamandis EP. The exon 5 of the p53 tumor suppressor gene is a target for deletions in ovarian cancer. Cancer Res 1997; 38: 270.
10. **Angelopoulou K**, Yu H, Diamandis EP. Mutational spectrum of the p53 gene, tumor p53 protein overexpression and serum p53 autoantibody generation in patients with breast cancer. Cancer Res 1998; 39: 547.
11. Levesque MA, Lianidou ES, **Angelopoulou K**, Yu H, Genta F, Durando A, Massobrio R, Bharaj B, Diamandis EP. Mutational analysis versus ELISA for the detection of p53 gene abnormalities in ovarian carcinoma. Cancer Res 1998; 39: 230-231.
12. Bharaj B, **Angelopoulou K**, Diamandis EP. Rapid sequencing of the p53 gene with the MicroGene Blaster automated DNA sequencer. Cancer Res 1998; 39: 547.
13. Diamandis EP, Kogan I, Prody C, **Angelopoulou K**, Zarghami N, Herbrick J, Scherer S. Cloning of a novel nucleotide sequence from human lung tissue. Cancer Res 1998; 39: 133.
14. **Angelopoulou K**, Borchert G, Melegos DN, Lianidou E, Lilja H, Diamandis EP. BRCA1-specific antibodies react strongly with a protein present in seminal plasma. Clin Chem 1998 (in press).
15. Diamandis EP, **Angelopoulou K**, Zarghami N, Herbrick J, Scherer S. Mapping of a novel 5 kb sequence on human chromosome 5. Clin Chem 1998 (in press).
16. **Angelopoulou K**, Diamandis EP, Zarghami N, Herbrick J, Scherer S. Cloning of a new gene that is overexpressed in lung cancer cell lines. Clin Biochem 1998 (in press).

Journal Reviewer

- International Journal of Cancer
- British Journal of Cancer

Teaching Experience

- Laboratory instructor in a three-day Molecular Biology Workshop (sponsored by the Department of Clinical Biochemistry, University of Toronto), June 25-27, 1993 and November 14-16, 1994, The Toronto Hospital.
- Teaching assistant of a graduate course entitled “Molecular Biological Aspects of Analytical Biochemistry: Molecular Biology Techniques” (CLB 1510), 1994-1997, Department of Clinical Biochemistry, University of Toronto.
- Supervisor of two “fourth year projects” carried out by fourth year undergraduate students in the Department of Clinical Biochemistry, University of Toronto, 1994-1995 and 1995-1996.

Laboratory Skills

- Cell Culture
- Baculovirus Infections and Recombinant Protein Expression
- Immunoassay Development (Time-Resolved Fluorometric Detection System)
- Gel Filtration Chromatography
- Ion Exchange Chromatography
- Western, Southern, Northern Blotting
- Immunoprecipitation
- Protein A Affinity Chromatography
- Protein, DNA, RNA Extraction
- Polymerase Chain Reaction (PCR, Asymmetric PCR, Multiplex PCR, RT-PCR)
- DNA Sequencing (manual and automated)
- Fragment Analysis
- *In vitro* Transcription
- DNA Cloning and Plasmid Purification
- Rapid Amplification of cDNA Ends (RACE)