

# Curriculum Vitae

## Personal data

Surname: **Michaelidou**

Name: **Alexandra-Maria**

Mail Address: Laboratory of Dairy Technology,  
Department of Food Science & Technology, School of Agriculture,  
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Date and place of birth: 24 June 1965, Thessaloniki

Family Status: Married, two children

## Academic Qualifications

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1997: PhD in Food Science & Technology, School of Agriculture, Aristotle University of Thessaloniki (AUTH) 1988: Degree in Agriculture, School of Agriculture, AUTH (Hons)

Greek Ministry of Education Undergraduate Scholarships (IKY): 1984-85, 85-86, 87-88

1983: High school degree, Deutsche Schule, Thessaloniki

## Foreign languages

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English: Certificate of English Proficiency (University of Cambridge),  
Certificate of English Proficiency (University of Michigan)

German: Abitur, Deutsche Schule

## IT skills

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Word, Excel, Power Point, SPSS, Web

## Past & Present Employment

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1992-2002: Research Associate, Laboratory of Dairy Technology, Department of Food Science & Technology, School of Agriculture, AUTH.

2000-2002: Laboratory Assistant Teaching Staff, School of Agriculture, AUTH

2002-2010: Lecturer, Department of Food Science & Technology, School of Agriculture, AUTH.

2010– 2018: Assistant Professor, Department of Food Science & Technology, School of Agriculture, AUTH.

2018-: Associate Professor, Department of Food Science & Technology, School of Agriculture, AUTH.

## Teaching in

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### Undergraduate Courses

1997-2013: *Food Analysis Practice*, Department of Food Science and Technology, School of Agriculture, AUTH.

2002-2013: *Human Nutrition*, Department of Food Science and Technology, School of Agriculture, AUTH.

2003-2005: *Topics in Food Science (Operational Programme for Education and Initial Vocational Training II) (co-teaching)*, School of Agriculture, AUTH.

2006-2008: *Dairy Technology*, School of Agriculture, AUTH.

2008-: *Food Analysis(co-teaching)*, Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

2013-: *Food and Nutrition*, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

2013-: *Nutrition and Metabolism*, Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

### Postgraduate Courses

2002-2017: *Advanced Food Chemistry and Biochemistry: Lipids (2002-2004), Proteins (2005- ) (co-teaching)*, Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

2008-2014: *Instrumental Analysis of Food (co-teaching)*, Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

2008-2017: *Advanced Courses in Human Nutrition*, Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

2015-2017: *Advanced Courses in Human Nutrition*, School of Chemistry, Faculty of Sciences, AUTH.

2018-: *Food Chemistry and Nutrition: Proteins (co-teaching)*, Postgraduate Educational Program "Food Science and Nutrition", Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

2018-: *Nutritional Education - Health Education*, Postgraduate Educational Program "Applied Nutrition and Health Promotion", School of Medicine, Faculty of Health Sciences, AUTH.

2019-: *Food Chemistry and Nutrition (co-teaching)*, Postgraduate Educational Program "Food Law", Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.

2019-: *Food Law II: product-specific regulations (co-teaching)*, Postgraduate Educational Program "Food Law", Department of Food Science and Technology,

*Faculty of Agriculture, Forestry and Natural Environment, AUTH.*

*2019-: Pregnancy physiology - Pathophysiology – Epidemiology (co-teaching), Postgraduate Educational Program "Maternal Fetal medicine", School of Medicine, Faculty of Health Sciences, AUTH.*

### **Textbooks**

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- **Michaelidou, A.M.**, "Bioactive milk peptides: Origin, Biological Action, Biochemical Properties" (included in "Topics in Food Science" for the Operational Programme for Education and Initial Vocational Training II)
- **Michaelidou, A.M.**, Textbook in "Human Nutrition"
- **Michaelidou, A.M.**, Textbook in "Food and Nutrition"
- **Michaelidou, A.M.**, Textbook in "Nutrition and Metabolism"
- Vafopoulou-Mastrogiannaki, A. and **Michaelidou, A.M.**, Textbook in "Food Biochemistry Practices".

### **Scientific collaborations**

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- 1<sup>st</sup>Department of Obstetrics and Gynaecology, School of Medicine, Faculty of Health Sciences, AUTH
- 3<sup>rd</sup>Department of Obstetrics and Gynaecology, School of Medicine, Faculty of Health Sciences, AUTH
- 1<sup>st</sup> Neonatal and Intensive Care Clinic, School of Medicine, Faculty of Health Sciences, AUTH
- 2<sup>nd</sup> Department of Obstetrics & Gynecology, Medical School National & Kapodistrian University of Athens, Aretaieio Hospital
- School of Chemistry, Faculty of Sciences, AUTH
- School of Pastoral and Social Theology, Faculty of Theology, AUTH
- Agricultural University of Athens, Greece
- Faculty of Medicine, School of Health Sciences, University of Ioannina, Greece
- Department of Pre-school education, School of Education, University of Ioannina, Greece
- Department of Primary education, School of Education, University of Crete, Greece
- Department of Production and Management Engineering of the Democritus University of Thrace.
- The Institute of Organic and Pharmaceutical Chemistry (IOPC) of National Hellenic Research Foundation, Athens, Greece
- Centre for Research and Technology Hellas (CERTH), Thessaloniki, Greece
- Thessaloniki Science Center and Technology Museum "NOESIS" , Thessaloniki, Greece
- University General Hospital of Thessaloniki AHEPA, Greece
- General Hospital of Thessaloniki Papageorgiou, Greece
- General Hospital of Thessaloniki Ippokrateio, Greece
- General Hospital of Thessaloniki G. Gennimatas, Greece
- Theageneio Anti-Cancer Hospital of Thessaloniki, Greece
- Greek Dairy Industry MEVGALS.A.

- Pagonis-dairy company
- Municipality of Pavlos Melas, Greece
- Municipality of Thessaloniki, Greece
- Municipality of Pilea-Hortiatis, Greece
- Mandoulides Schools, Greece

### **Coordination of Scientific Programs**

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1. **"Study of the stability of olive oil nutritional factors (oleic acid and antioxidants) in the matrix of yogurt during the preservation of a new product"**, 2008-2009, MEVGAL S.A.
2. **"An Investigation of the nutritional value of selected leafy vegetables"**, 2019, A. Vezyroglou and Co
3. **Optimizing the technofunctional and biofunctional attributes of a yoghurt-based product using Bacterial Cellulose Fiber from spent coffee grounds"**, 2020-, Operational Programme "Competitiveness, Entrepreneurship and Innovation" (EPAnEK), Action "RESEARCH – CREATE – INNOVATE".

### **Participation in Scientific Programs**

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1. **FLAIR/SENS** CA, COST 902, 1990-94, **European Union**, «Relating sensory, instrumental and consumer choice studies»
2. **INTERREG**, 1991-1994, **European Union**, «Exploring the microflora of Feta cheese aiming towards improving the product technology»
3. **"Embryometabolomics: Metabolomics as a tool for the assessment of embryo growth and viability in in-vitro fertilisation"**. Thales - Support of the interdisciplinary and/or inter-institutional research and innovation. Operational Programme: Education and lifelong learning "investing in knowledge society", Ministry of Education, Lifelong Learning and Religious Affairs, Greece. National Strategic Reference Framework (NSRF) 2007-2013 "programme for development", European Social Fund, European Union.  
[http://embryometabolomics.web.auth.gr/index\\_en.php](http://embryometabolomics.web.auth.gr/index_en.php), 2011-2015
4. **"Assessment of the contribution of the Greek "Fund for European Aid to the Most Deprived (FEAD/TEBA)"**, Department of Food Science and Nutrition, School of Biotechnology and Development, Agricultural University of Athens, 2018
5. **"Modulating the functional properties of whey proteins by ethanol: application in dairy products."**, 2020-, 1st Call for H.F.R.I. Research Projects to Support Faculty Members & Researchers and Procure High-Value Research Equipment, H.F.R.I.

### **Coordination of Educational Programs**

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1. **Nutrition in Adolescence.** Program for Health Promotion and Education, 2006-2007, **National Youth Foundation.**
2. Educational program for children aged 10-13 years **"Children in the Magical World of Food"**, **2007-2010. ARISTIDES DASKALOPOULOS Foundation. (IAD)**
3. Research-based nutrition educational program for children and adolescents

of different age and background entitled "**DAIRY PRODUCTS: PLEASURE-HEALTH-FUN**", 2010, MEVGAL S.A.  
[http://www.mevgal.gr/frontend/articles.php?cid=181&header\\_cat=91](http://www.mevgal.gr/frontend/articles.php?cid=181&header_cat=91)

4. "**Awareness raising activities for the prevention of child obesity in Municipality of Pavlos Melas**", a European Funded Program of National Strategic Reference Framework NSRF 2007-2013, part of the Operational Program "Human Resources Development" - Priority "Consolidating the reform of Mental Health. Development of Primary Care Health Protection and Public Health of the population"
5. **Educational program for children aged 9-14 years "Children in the Nutri-Food World"**, 2011-2020

## **Research Supervision**

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### **A. Supervision of Ph.D. Students, Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH**

1. **Fotiou Maria**, Exploring the impact of maternal nutritional status on the compositional profile of mid-trimester biofluids, 2017.
2. **Tsakoumaki Foteini**, Evaluation of maternal nutritional status using biochemical markers - Relation to pregnancy evolution, (In progress).
3. **Kyrkou Charikleia**, Potential impact of the consumption of dairy products enriched with vitamin D in the prevention and management of metabolic diseases, (In progress).

### **B. Supervision of M.Sc. Students, Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH**

1. **Galitsopoulou Augoustina**, Polyamine profiles in ovine and caprine colostrum and mature milk, 2006.
2. **Fotiou Maria**, Amniotic fluid amino acid concentrations in relation to gestational age, maternal nutrient intake and pregnancy outcome in a group of pregnant women, 2009.
3. **Tsiapos Spiros**, Comparison of the in vitro digestion of whey proteins in bovine and caprine milk of indigenous breeds, 2011.
4. **Vasilopoulou Archontia**, Dietary patterns and lifestyle characteristics of patients with a history of atherosclerotic cardiovascular disease, 2011.
5. **Georganta Giannoula**, Adherence to the Mediterranean diet in the second trimester of pregnancy and the potential effect on pregnancy outcome, 2014.
6. **Tsakoumaki Foteini**, Dietary Glycemic Index as a tool for exploring the effect of maternal diet on pregnancy outcome, 2014.
7. **Kyrkou Charikleia**, Development and validation of a semi-quantitative food frequency questionnaire for pregnant women in Greece and potential impact of dietary intake on maternal biological fluids composition, 2015.
8. **Matthaiou Anastasia**, Association between dietary patterns and breast cancer, 2015.
9. **Dimitropoulou Aristeia**, Methodological approaches and evaluation of dietary patterns based on protein intake during pregnancy, 2018.

**Supervision of M.Sc. Students: 2** (In progress)

## Supervision of > 85 B.Sc. Students

### C. External M.Sc.Supervisor

1. **Symeonidou Maria**, Second trimester amniotic fluid glucose, uric acid, phosphate, potassium, and sodium concentrations in relation to dietary habits and pregnancy outcome, 2010. **School of Medicine, Faculty of Health Sciences, University of Thessaly.**
2. **Chatzigeorgiou Maria**, The nutritional education through technology of animation and multimedia, 2011. **Department of Primary Education, University of the Aegean.**

**Supervision of M.Sc. Students: 2** (In progress) in the context of the Postgraduate Educational Program "Applied Nutrition and Health Promotion", School of Medicine, Faculty of Health Sciences, AUTH.

### Participation in three-member advisory committees of Ph.D. Theses

1. **Bouloumpasi Elisavet**. Determination of nitrogenous compounds in grapes from Greek vine varieties and in the produced wines, (In progress). **Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.**
2. **Athanasiadou Elpiniki**. The impact of maternal dietary intake on 2<sup>nd</sup> trimester amniotic fluid metabolites, 2020. **School of Medicine, Faculty of Health Sciences, AUTH.**
3. **Mpinou Panagiota**. Development and study of cereal products with beneficial metabolic effects, (In progress). **Department Of Nutrition And Dietetics, School of Health Science & Education, Harokopio University.**
4. **Kyрана Zacharenia**, Comparison of dimensionality reduction methods and classification into "Data Cubes": Novel methodological approaches and extensions (in progress) **Department of Field Crops and Ecology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.**

### Participation in enquiry committees of Ph.D. Theses

#### A. Participation in enquiry committees of Ph.D. Theses of AUTH

1. **Irakli Maria**, Development and validation of high-performance liquid chromatography for the determination of antioxidant compounds in cereal samples, 2012. **Department of Chemistry, Faculty of Sciences, AUTH.**
2. **Bozoudi Despoina**. Microbial composition and physicochemical attributes of traditional Feta cheese made in different mountainous regions, 2017. **Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.**
3. **Nikolaidis Athanasios**. Effect of whey protein denaturation on the

physicochemical properties of whey-based products, 2018. **Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH.**

- 4. Aitsidou Vasiliki.** Household food waste: socio-ecological dimensions between rural and urban households in the municipality of Eordaia, 2019. **Department of Agricultural Economics, School of Agriculture, Forestry and Natural Environment, AUTH.**

## **B. Participation in external enquiry committees of Ph.D. Theses**

**Faculty of Science & Engineering/Department of Chemistry, The University of Waikato, New Zealand**

**Gill Brendon,** Analysis of Nucleosides and Nucleotides in Milk and Infant Formula, 2013

## **Publications**

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### **A. PhD thesis**

**Michaelidou-Koniordou, A.M.** 1997. Protein hydrolysis, peptide mapping, isolation and characterization during ripening of Feta cheese. PhD thesis, Thessaloniki

### **B. Book Chapters**

- B1.** Yildiz, F., Kotzekidou, P., **Michaelidou, A.M.** and Nocella, G. 2007. Functional Foods in Mediterranean and Middle Eastern Countries: History, Scope and Dietary Habits. In: *Anti-Angiogenic Functional and Medicinal Foods*, J. Losso, F. Shahidi and D. Bagchi (eds), CRC Press, p.177-212.
- B2. Michaelidou, A.M.** 2008. Vitamin and Mineral Overconsumption. *Nutrition & Metabolism*, Zambelas, A. (ed). Parisianou scientific editions (Rendering of «*Nutrition and Metabolism*» in Greek), 1<sup>st</sup> edition, M. Gibney, I.A. Macdonald and H.M. Roche (eds.), Blackwell Publishing Ltd, 2003), p. 418-428.
- B3. Michaelidou, A.M.** 2008. Undernutrition. *Nutrition & Metabolism*, Zambelas, A. (ed). Parisianou scientific editions (Rendering of «*Nutrition and Metabolism*» in Greek), 1<sup>st</sup> edition, M. Gibney, I.A. Macdonald and H.M. Roche (eds.), Blackwell Publishing Ltd, 2003), p. 429-438.
- B4. Michaelidou, A.M.,** Tsakoumaki, F., Fotiou, M., Kyrkou, C., Athanasiadis, A.P. 2019. Metabolomics in amniotic fluid. In: *New Technologies and Perinatal Medicine: Prediction and Prevention of Pregnancy Complications*, M. Hod, V. Berghella, M. D'Alton, G.C. Di Renzo, E. Gratacos, V. Fanos (eds.), CRC Press.
- B5.** Kyrkou, C., Tsakoumaki, F., **Michaelidou, A.M.,** Biliaderis, K., Rodriguez-Perez, C., Segura-Carretero, A. 2020 (in press). Composition and Analysis of Functional Components of Olive Leaves, Kyritsakis, A. (ed). (Rendering of Olives and Olive oil as Functional Foods: Bioactivity, Chemistry and Processing (Eds.: Kiritsakis A.P. & Sahidi F.), John Wiley & Sons, Ltd., New York, USA, pp. 383-399).

### **C. Publications in Peer-reviewed Journals (Science CitationIndex)**

- C1.** Alichanidis, E. and **Michaelidou, A.M.** 1990. Glycoproteins in the heat- and acid-stable fraction of ovine milk. *Journal of Dairy Research* 57: 507- 515.
- C2.** **Michaelidou, A.**, Alichanidis, E., Urlaub, H., Polychroniadou, A. and Zerfiridis, G.K. 1998. Isolation and Identification of Some Major Water-soluble Peptides in Feta Cheese. *Journal of Dairy Science* 81: 3109-3116.
- C3.** Polychroniadou, A., **Michaelidou, A.** and Paschaloudis, N. 1999. Effect of time, temperature and extraction method on the trichloroacetic acid-soluble nitrogen of cheese. *International Dairy Journal* 9: 559-568.
- C4.** Valsamaki, K., **Michaelidou, A.** and Polychroniadou, A. 2000. Biogenic amine production in Feta cheese. *Food Chemistry* 71: 259-266.
- C5.** Romeih, E.A., **Michaelidou, A.**, Biliaderis, C.G. and Zerfiridis, G.K. 2002. Low-fat white-brined cheese made from bovine milk and two commercial fat mimetics: Chemical, physical and sensory attributes. *International Dairy Journal* 12: 525-540.
- C6.** **Michaelidou, A.**, Katsiari, M.C., Kondyli, E., Voutsinas, L.P. and Alichanidis, E. 2003. Effect of a commercial adjunct culture on proteolysis in low-fat Feta-type cheese. *International Dairy Journal* 13: 179-189.
- C7.** **Michaelidou, A.**, Katsiari, M.C., Voutsinas, L.P., Kondyli, E. and Alichanidis, E. 2003. Effect of commercial adjunct cultures on proteolysis in low-fat Kefalograviera-type cheese. *International Dairy Journal* 13: 743- 753.
- C8.** **Michaelidou, A.M.**, Alichanidis, E., Polychroniadou, A. and Zerfiridis, G. 2005. Migration of water-soluble nitrogenous compounds of Feta cheese from the cheese blocks into the brine. *International Dairy Journal* 15: 663-668.
- C9.** **Michaelidou, A.** and Steijns, J. 2006. Nutritional and technological aspects of minor bioactive components in milk and whey: Growth factors, vitamins and nucleotides. Review. *International Dairy Journal* 16: 1421-1426.
- C10.** Papastoyiannidis, G., Polychroniadou, A., **Michaelidou, A.M.** and Alichanidis, E. 2006. Fermented milks fortified with B-group vitamins: Vitamin stability and effect on resulting products. *Food Science and Technology International* 12: 521-529.
- C11.** **Michaelidou, A.**, Katsiari, M.C., Voutsinas, L.P., Polychroniadou, A. and Alichanidis, E. 2007. Effect of multiple-species starters on peptide profile and free amino acids in low-fat Kefalograviera-type cheese. *Food Chemistry* 104:800-807.
- C12.** **Michaelidou, A.M.** 2008. Factors influencing nutritional and health profile of milk and milk products. *Small Ruminant Research* 79: 42-50.
- C13.** Plakantara, S., **Michaelidou, A.M.**, Polychroniadou, A., Menexes, G. and Alichanidis, E. 2010. Nucleotides and nucleosides in ovine and caprine milk during lactation. *Journal of Dairy Science* 93 :2330-2337.
- C14.** Athanasiadis, A.P., **Michaelidou, A.M.**, Fotiou, M., Menexes, G., Theodoridis, T.D., Ganidou, M., Tzevelekis, B., Assimakopoulos, E., Tarlatzis, B.C. 2011. Correlation of 2nd trimester amniotic fluid amino acid profile with gestational age and estimated fetal weight. *The journal of*

*maternal-fetal & neonatal medicine*, 24(8), 1033-1038.

- C15.** Fotiou, M., **Michaelidou, A.M.**, Athanasiadis, A.P., Menexes, G., Symeonidou, M., Koulourida, V., Ganidou, M., Theodoridis, T.D., Tarlatzis, B.C. 2015. Second trimester amniotic fluid glucose, uric acid, phosphate, potassium, and sodium concentrations in relation to maternal pre-pregnancy BMI and birth weight centiles. *The journal of maternal-fetal & neonatal medicine*, 28(8), 910-915.
- C16.** Galitsopoulou, A., **Michaelidou, A.M.**, Menexes, G., Alichanidis, E. 2015. Polyamine profile in ovine and caprine colostrum and milk. *Food Chemistry*, 173: 80-85.
- C17.** Vasilopoulou, A., Galitsianos, I., Fotiou, M., Menexes, G., Tsakoumaki, F., Tsitlakidou, P., Psirropoulos, D., **Michaelidou, A.M.** 2015. An exploratory study of dietary intake patterns among adults diagnosed with cardiovascular risk factors. *International Journal of Food Sciences and Nutrition*, 66(4): 458-465.
- C18.** Athanasiadou, E., Kyrkou, C., Fotiou, M., Tsakoumaki, F., Dimitropoulou, A., Polychroniadou, E., Menexes, G., Athanasiadis, P.A., Biliaderis, G.C., **Michaelidou, A.M.** 2016. A culture-specific semi- quantitative food frequency questionnaire for use in the Mediterranean area: Development and Validation. *Nutrients*, 8, 522, doi: [10.3390/nu8090522](https://doi.org/10.3390/nu8090522)
- C19.** Fotiou, M., **Michaelidou, A.M.**, Masoura, S., Menexes, G., Koulourida, V., Biliaderis, C.G., Tarlatzis, B.C., Athanasiadis, A.P. 2016. Second trimester amniotic fluid uric acid, potassium, and cysteine to methionine ratio levels as possible signs of early preeclampsia: A case report. *Taiwanese Journal of Obstetrics and Gynecology*, 55(6): 874-876.
- C20.** Hadnađev M., Dapčević-Hadnađev, T., Lazaridou, A., Moschakis, T., **Michaelidou, A.M.**, Popović, S. and Biliaderis, C.G. 2017. Hempseed meal protein isolates prepared by different isolation techniques. Part I. Physicochemical properties. *Food Hydrocolloids*. Available online in 9 December 2017. DOI: 10.1016/j.foodhyd.2017.12.015.
- C21.** Bozoudi D., Kondyli E., Claps S., Hatzikamari M., **Michaelidou A.**, Biliaderis C.G., Litopoulou-Tzanetaki E. 2018. Compositional characteristics and volatile organic compounds of traditional PDO Feta cheese made at two different mountainous areas of Greece. *International Journal of Dairy Technology*, 71: 1-10. DOI: 10.1111/1471-0307.12497.
- C22.** Kyrkou C., Tsakoumaki F., Fotiou M., Dimitropoulou A., Symeonidou M., Menexes G., Biliaderis C.G., **Michaelidou A.M.** 2018. Changing trends in nutritional behavior among university students in Greece, between 2006 and 2016. *Nutrients*, 10(1), 64.
- C23.** Fotiou, M., Fotakis, C., Tsakoumaki, F., Athanasiadou, E., Kyrkou, C., Dimitropoulou, A., Tsiaka, T., Chatziioannou, A.C., Sarafidis, K., Menexes, G., Theodoridis, G., Biliaderis, C.G., Zoumpoulakis, P., Athanasiadis, A.P., **Michaelidou, A.M.** 2018. <sup>1</sup>H NMR-based metabolomics reveals the effect of maternal habitual dietary patterns on human amniotic fluid profile. *Scientific Reports*, 8:4076, DOI:10.1038/s41598-018-22230-y.
- C24.** Tsafraqidou, P., Michaelidou A.M., Biliaderis, C.G., Fermented cereal-based products: nutritional aspects, possible impact on gut microbiota and health implications. 2020. *Foods (Special issue Cereal-Based Fermented Foods: Bioactive Components and Potential Health Benefits)* 9(6), 734.

#### **D. Publications of Abstracts of Conferences in SCI Journals**

- D1. Michaelidou, A.,** Athanasiadis, A., Fotiou, M., Koutsos, A., Leventis, C. and Bontis, J. 2009. Amniotic fluid amino acid concentrations in relation to gestational age and maternal nutrient intake in a group of pregnant women. The Society for Maternal-Fetal Medicine (SMFM) 29th Annual Scientific Meeting, January 26-31, San Diego, CA, USA. *American Journal of Obstetrics & Gynecology* 199(6-Suppl.A):S208.
- D2.** Fotiou, M., Georganta, G., Tsakoumaki, F., **Michaelidou, A.M.,** Athanasiadis, A., Menexes, G., Ganidou, M., Theodoridis, G., Biliaderis, C.G., Tarlatzis, B. 2013. Second trimester amniotic fluid amino acid levels in relation to maternal pre-pregnancy Body Mass Index. XI World Congress of Perinatal Medicine, June 19-22, Moscow, Russia. *Journal of Perinatal Medicine* 41(Suppl.1): 1397.
- D3.** Athanasiadis, A., Zoumpoulakis, P., **Michaelidou, A.M.,** Fotakis, C., Fotiou, M., Tsakoumaki, F., Georganta, G., Menexes, G., Ganidou, M., Theodoridis, G., Biliaderis, C.G., Tarlatzis, B. 2013. Gestational age and maternal pre-pregnancy body mass index: potential determinants of human amniotic fluid metabolic profile. XI World Congress of Perinatal Medicine, June 19-22, Moscow, Russia. *Journal of Perinatal Medicine* 41(Suppl.1): 1402.
- D4.** Fotakis, C., Fotiou, M., Chatziioannou, A.C., Zoumpoulakis, P., **Michaelidou, A.M.,** Menexes, G., Athanasiadou, N., Kyrkou, C., Tsakoumaki, F., Gika, H., Athanasiadis, A.P., Theodoridis, G., Biliaderis, C.G., Tarlatzis, B.C. 2014. Dietary patterns are reflected in the metabolic profiles of second trimester maternal blood and amniotic fluid. XXIV European Congress of Perinatal Medicine, June 4-7, Florence, Italy. *The journal of maternal-fetal & neonatal medicine* 27(Suppl.1): 337.

#### **E. Publications in Peer-reviewed international conference Proceedings**

- E1. Michaelidou, A.M.,** Alichanidis, E., Polychroniadou, A. and Zerfiridis, G. 2004. Equilibrium of water-soluble N of Feta cheese between the cheese blocks and the brine. *4<sup>th</sup> Symposium on Cheese Ripening, Characterization and Technology*, March 21-25, Prague, Czech Republic, p.76 (abstract).
- E2.** Galitsopoulou, A., **Michaelidou, A.M.** and Vafopoulou, A. 2004. Intracellular aminopeptidase and esterase/lipase activities of propionibacterium *Acidipropionici* 4.6: Influence of pH and NaCl. *4<sup>th</sup> Symposium on Cheese Ripening, Characterization and Technology*, March 21-25, Prague, Czech Republic, p.124 (abstract).
- E3.** Galitsopoulou, A., **Michaelidou, A.M.** and Polychroniadou, A. 2007. Polyamines in ovine and caprine colostrum and mature milk. *IDF 5<sup>th</sup> International Symposium on the Challenge to Sheep and Goats Milk Sectors*, April 18-20, Alghero, Italy, p.138-140.
- E4.** Plakantara, S., Polychroniadou, A. and **Michaelidou, A.M.** 2007. Nucleotides and Nucleosides in ovine and caprine colostrums and milk. *IDF 5<sup>th</sup> International Symposium on the Challenge to Sheep and Goats Milk Sectors*, April 18-20, Alghero, Italy, p.141-143.
- E5.** Dombrou, A., Psomiadou, V. and **Michaelidou, A.M.** 2007. Phosphopeptides

in kefalograviera cheese: Detection and crude fractionation. *IDF 5<sup>th</sup> International Symposium on the Challenge to Sheep and Goats Milk Sectors*, April 18-20, Alghero, Italy, p.328-329.

- E6.** Peristeri, C., Philippidou, N., **Michaelidou, A.M.** and Vafopoulou, A. 2007. Proteolysis and ACE-inhibitory activity in kefalograviera cheese. *IDF 5<sup>th</sup> International Symposium on the Challenge to Sheep and Goats Milk Sectors*, April 18-20, Alghero, Italy, p.330-332.
- E7. Michaelidou A.** 2007. Factors affecting nutritional and health components in milk and milk products. *IDF 5<sup>th</sup> International Symposium on the Challenge to Sheep and Goats Milk Sectors*, April 18-20, Alghero, Italy (**invited speaker**)
- E8. Michaelidou, A.,** Alichanidis, E. and Polychroniadou, A. 2008. Protein degradation in Feta cheese: a new approach. *5<sup>th</sup> IDF Symposium on Cheese Ripening*, March 9-13, Bern, Switzerland, p.101 (abstract).
- E9. Michaelidou, A.,** Kondyli, E., Katsiari, M.C., Alichanidis, E. and Voutsinas, L.P. 2008. Proteolysis of Galotyri-type cheese made using different procedures. *5<sup>th</sup> IDF Symposium on Cheese Ripening*, March 9-13, Bern, Switzerland, p.111 (abstract).
- E10. Michaelidou, A.,** Katsiari, M.C., Kondyli, E., Alichanidis, E. and Voutsinas, L.P. 2008. Effect of Starters on proteolysis during storage of Galotyri-type cheese. *5<sup>th</sup> IDF Symposium on Cheese Ripening*, March 9-13, Bern, Switzerland, p.120 (abstract).
- E11.** Athanasiadis, A.P., **Michaelidou, A.M.**, Fotiou, M., Menexes, G., Theodoridis, T., Ganidou, M., Assimakopoulos, E. and Tarlatzis, B.C. 2010. 2<sup>nd</sup> trimester amniotic fluid amino acid levels in relation to gestational age at delivery. *XXII European Congress of Perinatal Medicine*, May 26-29, Granada, Spain. *Advances in Perinatal Medicine*, p.91-93.
- E12.** Fotiou, M., **Michaelidou, A.M.**, Athanasiadis, A.P., Menexes, G., Ganidou, M., Tzevelekis, F., Athanasiadou, E., Assimakopoulos, E. and Tarlatzis, B.C. 2010. 2<sup>nd</sup> trimester amniotic fluid amino acid levels related to maternal nutrient intake and neonatal growth. *XXII European Congress of Perinatal Medicine*, May 26-29, Granada, Spain. *Advances in Perinatal Medicine*, p.323-326.
- E13.** Athanasiadis, A., **Michaelidou, A.**, Symeonidou M., Fotiou, M., Koulourida, V., Tzevelekis, B., Tonakanian, A., Assimakopoulos, E., Tarlatzis, B. 2011. Second trimester amniotic fluid glucose, uric acid and potassium levels in relation to pregnancy outcome. *9<sup>th</sup> International Scientific Meeting of the Royal College of Obstetricians and Gynaecologists (RCOG)*, September 27-30, Athens, Greece. P1.204 <http://epostersonline.com/rcog2011/?q=node/3508>.
- E14.** Athanasiadis, A., **Michaelidou, A.M.**, Menexes, G., Fotiou, M., Tsakoumaki, F., Tsitsia, I., Theodoridis, T., Tzevelekis, B., Assimakopoulos, E., Tarlatzis, B. 2011. The impact of maternal pre-pregnancy body mass index and weight gain on birth size parameters. *10<sup>th</sup> World Congress of Perinatal Medicine*, November 8-11, Punta del Este, Uruguay. p. 368.
- E15.** Fotiou, M., **Michaelidou, A.M.**, Athanasiadis, A., Menexes, G., Nari, A., Kyrkou, C., Ganidou, M., Tzevelekis, B., Assimakopoulos, E., Tarlatzis, B. 2011. Is dietary pattern of pregnant women associated with neonatal weight? *10<sup>th</sup> World Congress of Perinatal Medicine*, November 8-11, Punta del Este, Uruguay. p.377.

- E16.** Fotiou, M., Symeonidou, M., Athanasiadis, A., **Michaelidou, A.M.**, Menexes, G., Kyrogianni, A., Theodoridis, T., Tzevelekis, B., Assimakopoulos, E., Tarlatzis, B. 2011. Associations of maternal smoking status, alcohol consumption and dietary caffeine intake with neonatal weight. *10<sup>th</sup> World Congress of Perinatal Medicine*, November 8-11, Punta del Este, Uruguay.p. 385.
- E17.** Fotiou, M., **Michaelidou, A.M.**, Athanasiadis, A.P., Menexes, G., Koulourida, V., Biliaderis, C.G., Tarlatzis, B.C. 2012. Second trimester amniotic fluid metabolites as early biomarkers of neonatal growth – preliminary results. *Workshop on Holistic Analytical Technologies for BioMedical, Food and Plant Sciences*, November 9-11, Athens, Greece, p. 45.
- E18.** Tsakoumaki, F., Fotiou, M., Georganta, G., **Michaelidou, A.M.**, Athanasiadis, A., Tzevelekis, B., Ganidou, M., Tarlatzis, B. 2013. Dietary Glycemic Index during the 2nd trimester of pregnancy: The potential effect on neonatal weight. *5<sup>th</sup> South East European Congress of Perinatal Medicine*, March 1-3, Thessaloniki, Greece.
- E19.** Georganta, G., Fotiou, M., Tsakoumaki, F., **Michaelidou, A.M.**, Athanasiadis, A., Tzevelekis, B., Ganidou, M., Tarlatzis, B. 2013. Adherence to the Mediterranean diet in the 2nd trimester of pregnancy and the potential effect on neonatal weight. *5<sup>th</sup> South East European Congress of Perinatal Medicine*, March 1-3, Thessaloniki, Greece.
- E20.** Virgiliou, C., Fotiou, M., **Michaelidou, A.**, Athanasiadis, A.P., Menexes, G., Koulourida, V., Biliaderis, C.G., Tarlatzis, B.C., Theodoridis, G. 2013. HPLC and LC-MS/MS for the detection of early biomarkers of neonatal growth in human amniotic fluid. *39<sup>th</sup> International Symposium on High- Performance-Liquid-Phase Separations and Related Techniques (HPLC2013)*, June 16-20, Amsterdam, The Netherlands.
- E21.** Fotiou, M., Koulourida, V., Tsakoumaki, F., **Michaelidou, A.M.**, Athanasiadis, A.P., Menexes, G., Theodoridis, T.D., Tarlatzis, B. 2014. Correlation between biochemical markers in amniotic fluid and maternal serum in the 2nd trimester of pregnancy. *30<sup>th</sup> Jubilee Congress - The fetus as a patient*, May 8–11, Budva, Montenegro.
- E22.** Chatziioannou, A.C., Zoumpoulakis, P., Fotakis, C., Athanasiadis A.P., Fotiou, M., **Michaelidou, A.M.**, Gika, E., Theodoridis, G. 2014. Nuclear magnetic resonance spectroscopic analysis of the metabolic profile of human amniotic fluid and blood serum. MET-GR III workshop: *Metabolic and Protein Network analysis in Systems Biology*, September 18-20, Patra, Greece.
- E23.** Athanasiadis AP, Fotakis C, Tsiaka T, Athanasiadou E, Kyrkou C, Dimitropoulou A., Tsakoumaki F, Fotiou M, Zoumpoulakis P, **Michaelidou AM**, Biliaderis CG, Tarlatzis B. 2015. Reflection of intake of energy generating nutrients in the 2nd trimester: amniotic fluid metabolic profile. 14<sup>th</sup> World Congress in Fetal Medicine, June 21-25, Crete, Greece.
- E24.** Fotiou, M., Fotakis, C., Athanasiadou, E., Tsakoumaki, F., Kyrkou, C., Tsiaka, T., Dimitropoulou, A., Zoumpoulakis, P., Tarlatzis, B.C., Biliaderis, C.G., **Michaelidou, A.M.**, Athanasiadis, A.P. 2015. Maternal dietary protein intake is reflected in the metabolic profile of second trimester amniotic fluid – an NMR-omics approach. *12<sup>th</sup> World Congress of Perinatal Medicine*, November 3-6, Madrid, Spain.

- E25.** Fotiou, M., Fotakis, C., Athanasiadou, E., Tsakoumaki, F., Kyrkou, C., Tsiaka, T., Dimitropoulou, A., Zoumpoulakis, P., Tarlatzis, B.C., Biliaderis, C.G., **Michaelidou, A.M.**, Athanasiadis, A.P. 2015. Maternal habitual dietary protein intake is reflected in second trimester amniotic fluid, serum, and urine NMR metabolic profiles. *6th Congress of South East European Society of Perinatal Medicine (SEESPM)*, December 4-6, Zagreb, Croatia.
- E26.** Fotiou, M., Fotakis, C., Tsakoumaki, F., Kyrkou, C., Athanasiadou, E., Tsiaka, T., Chatziioannou, A.C., Dimitropoulou, A., Menexes, G., Theodoridis, G., Tarlatzis, B.C., Biliaderis, C.G., Athanasiadis, A.P., Zoumpoulakis, P., **Michaelidou, A.M.** 2016. Exploring the link between maternal dietary protein intake and the metabolic profile of second trimester amniotic fluid. *4th Workshop on Holistic Analytical Methods for System Biology Studies*, April 17-19, Thessaloniki, Greece.
- Fotiou, M., Fotakis, C., Tsakoumaki, F., Kyrkou, C., Athanasiadou, E., Tsiaka, T., Chatziioannou, A.C., Dimitropoulou, A., Menexes, G., Theodoridis, G., Tarlatzis, B.C., Biliaderis, C.G., Athanasiadis, A.P., Zoumpoulakis, P., **Michaelidou, A.M.** 2016. Exploring the link between maternal dietary protein intake and the metabolomic profile of second trimester amniotic fluid. *XXV European Congress of Perinatal Medicine*, June 15-18, Maastricht, the Netherlands, p. 266.
- E27.** Dimitropoulou A., Fotakis C., Fotiou M., Tsakoumaki F., Kyrkou C., Menexes G., Athanasiadis A.P, Biliaderis C.G., Zoumpoulakis P., **Michaelidou A.M.** 2017. Exploring the link between the circulatory and excreted metabolome during pregnancy – a pilot study. *3rd IMEKOFOODS. Metrology Promoting Harmonization & Standardization in Food & Nutrition*, October 1–4, Thessaloniki, Greece.
- E28.** Fotiou, M., Kyrkou, C., Tsakoumaki, F., Dimitropoulou, A., Virgiliou, C., Fotakis, C., Athanasiadou, E., Loukri, A., Papadopoulos, S., Stamkopoulos, A., Gika, H., Theodoridis, G., Athanasiadis, A.P., Biliaderis, C.G., Zoumpoulakis, P., **Michaelidou, A.M.** 2017. A pilot study to explore the link between habitual diet and urinary biomarkers during pregnancy. *3rd IMEKOFOODS. Metrology Promoting Harmonization & Standardization in Food & Nutrition*, October 1–4, Thessaloniki, Greece.

## **Recognition of Academic Work**

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- Αναφορές : 1092
- h-index: 12

## **F. Publications in Peer-reviewed national conference Proceedings**

- F1. Michaelidou, A.** 2008. Nutritional aspects of Cereal foods. *Trends in cereal science and technology: Industrial applications (ISEKI)*, February 4-5, Thessaloniki(abstract).
- F2. Michaelidou, A.M.** and Zerfiridis, G. 2005. Contribution of milk and milk products to the nutrition of Greeks nowadays. *Three-day workshop: The History of Greek Milk and of its Products*, October 7-9, Xanthi, p. 45- 55.
- F3. Michaelidou, A.M.** 2007. Milk: The archetypal functional food. *17th Scientific Symposium of Hellenic Society of Animal Production Proceedings*, February

10, Thessaloniki, Special Issue No32: p. 59-74.

- F4.** Garsen, A., Petrou, A., Anastasiadou, M., **Michaelidou, A.M.**, Nikolakakis, I. and Ntotas, D. 2008. Composition of adipose tissue of breast and leg quarter carcass of broilers as affected by the replacement of soybean meal with chickpea and the addition of vegetable oils. *Proceedings of 2nd Pan- Hellenic Meeting of Inter- scientific Society for food Safety with subject "Current nutritive trends for Food Quality and Safety"*. Presented as poster. Thessaloniki, 6-8 June 2008. p. 42 (abstract).
- F5.** **Michaelidou, A.M.** 2008. Dairy products and nutrition. Perspectives and future trends. *1<sup>st</sup> Greek Panhellenic Conference for Milk and Dairy Products*, October 9-10, Athens. *Greek Journal of Dairy Science and Technology*, Special Issue 2009: p. 260-273 (**invited speaker**).
- F6.** Hatziantoniou, T., Symeonidou, M. and **Michaelidou, A.** 2008. Record and evaluation of milk and dairy products consumption among children. *1<sup>st</sup> Greek Panhellenic Conference for Milk and Dairy Products*, October 9-10, Athens. *Greek Journal of Dairy Science and Technology*, Special Issue 2009: p. 616-620.
- F7.** Symeonidou, M., Kotsoni, E., Fotiou, M. and **Michaelidou, A.** 2008. Record and evaluation of milk and dairy products consumption among adolescents. *1<sup>st</sup> Greek Panhellenic Conference for Milk and Dairy Products*, October 9-10, Athens. *Greek Journal of Dairy Science and Technology*, Special Issue 2009: p. 621-625.
- F8.** Symeonidou, M., **Michaelidou, A.** and Karagiannidou, V. 2008. Record and evaluation of milk and dairy products consumption among students of Aristotle's University of Thessaloniki. *1<sup>st</sup> Greek Panhellenic Conference for Milk and Dairy Products*, October 9-10, Athens. *Greek Journal of Dairy Science and Technology*, Special Issue 2009: p. 611-615.
- F9.** Fotiou, M., Koutsos, A., Leventis, C., **Michaelidou, A.** and Athanasiadis, A. 2008. Record and Evaluation of Milk and Dairy Products Consumption in a Group of Pregnant Women. *1<sup>st</sup> Greek Panhellenic Conference for Milk and Dairy Products*, October 9-10, Athens. *Greek Journal of Dairy Science and Technology*, Special Issue 2009: p. 626-630.
- F10.** Ioannidi, A., **Michaelidou, A.M.** and Vafopoulou-Mastrogiannaki, A. 2008. TNBS and tyrosine-tryptophan methods as criteria of cheese ripening. *1<sup>st</sup> Greek Panhellenic Conference for Milk and Dairy Products*, October 9-10, Athens. *Greek Journal of Dairy Science and Technology*, Special Issue 2009: p. 554-557.
- F11.** Amboulou, A., Danias, K., Filippidou, N., **Michaelidou, A.**, Vafopoulou, A. and Vasiliadou, D. 2008. Study on proteolysis of fermented milk with probiotic cultures *1<sup>st</sup> Greek Panhellenic Conference for Milk and Dairy Products*, October 9-10, Athens. *Greek Journal of Dairy Science and Technology*, Special Issue 2009: p. 542-545.
- F12.** **Michaelidou, A.M.** 2008. The importance of milk and milk products in the diet. *Satellite Symposium "Dairy Products – Nutrition and Health", 22<sup>nd</sup> Military Medicine Conference*, November 8, Thessaloniki (**invited speaker**).
- F13.** Symeonidou, M., Fotiou, M., **Michaelidou, A.** and Karagiannidou, V. 2008. Record and Evaluation of dietary habits among students of Aristotle's University of Thessaloniki. *8<sup>th</sup> Macedonian Congress on Nutrition and Dietetics*, October 16-17, Thessaloniki, PP013 (abstract).

- F14.** Fotiou, M., Koutsos, A., Leventis, C., **Michaelidou, A.** and Athanasiadis, A. 2008. Record and Evaluation of dietary habits in a group of pregnant Greek women. *8<sup>th</sup> Macedonian Congress on Nutrition and Dietetics*, October 16-17, Thessaloniki, PP012 (abstract).
- F15.** Fotiou, M., Athanasiadis, A., **Michaelidou, A.**, Tzevelekis, F., Ganidou, M., Zorba, E., Asimakopoulos, E. and Tarlatzis, V. 2009. Record of dietary habits in a group of pregnant Greek women. Relation between dietary intake and amniotic fluid essential amino acids. *11<sup>th</sup> Panhellenic Congress of Obstetrics and Gynecology*, May 28-31, Athens, p. 98 (abstract).
- F16.** Athanasiadis, A., **Michaelidou, A.**, Koulourida, V., Symeonidou, M., Ganidou, M., Theodoridis, T., Tzevelekis, F., Asimakopoulos, E. and Tarlatzis, V. 2009. Determination of glucose, K and Na ions, phosphate ions and uric acid in amniotic fluid. Correlation with estimated fetal weight, during the 2<sup>nd</sup> trimester of gestation. *15<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, September 18-20, Thessaloniki. *Perinatal Medicine and Neonatology* 4: p. 54 (abstract).
- F17.** **Michaelidou, A.**, Athanasiadis, A., Menexes, G., Zorba, E., Fotiou, M., Dambala, P., Tzevelekis, F., Asimakopoulos, E. and Tarlatzis, V. 2009. Determination of free amniotic fluid amino acids. Correlation with estimated fetal weight and birthweight. *15<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, September 18-20, Thessaloniki, *Perinatal Medicine and Neonatology* 4: p. 83 (**Award**) (abstract).
- F18.** Galitsianos, I., **Michaelidou, A.**, Vasilopoulou, A., Koutsos, A. and Leventis, C. 2009. Dietary habits of adolescence in relation to the risk factors of atherosclerosis and the principles of the Mediterranean Diet. *15<sup>th</sup> Pan-Hellenic Conference of Internal Medicine*, October 13-17, Athens, p. 87 (abstract).
- F19.** Fotiou, M., **Michaelidou, A.**, Athanasiadis, A., Moustakis, D., Nari, A., Kyrkou, C., Tsakoumaki, F., Athanasiadi, E., Tzevelekis, B., Assimakopoulos, E., Tarlatzis, B. 2011. Record and evaluation of maternal macronutrient intake - Correlation with neonatal somatometric parameters. *16<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, October 21- 23, Athens, *Perinatal Medicine and Neonatology* 6: p. 101 (abstract).
- F20.** Tsakoumaki, F., Fotiou, M., **Michaelidou, A.**, Athanasiadis, A., Pampori, G., Ragou, F., Tzevelekis, B., Assimakopoulos, E., Tarlatzis, B. 2011. The effect of dietary glycemic index on pregnancy outcome – Review. *16<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, October 21-23, Athens, *Perinatal Medicine and Neonatology* 6:p. 150-151 (abstract).
- F21.** Fotiou, M., **Michaelidou, A.**, Menexes, G., Tsakoumaki, F., Tsitsia, I., Athanasiadi, E., Tonakanian, A., Athanasiadis, A. 2011. The impact of maternal pre-pregnancy body mass index and weight gain on birth size parameters (Rendering in Greek). *16<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, October 21-23, Athens, *Perinatal Medicine and Neonatology* 6: p. 152 (abstract).
- F22.** Fotiou, M., Symeonidou, M., **Michaelidou, A.**, Menexes, G., Moustakis, D., Kyrogianni, A., Athanasiadis, A., Tzevelekis, B., Assimakopoulos, E., Tarlatzis, B. 2011. Associations of maternal smoking status, alcohol consumption and dietary caffeine intake with neonatal weight (Rendering in Greek). *16<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, October 21-23, Athens, *Perinatal Medicine and Neonatology* 6: p. 219 (abstract).

- F23.** Kyrkou, C., Fotiou, M., **Michaelidou, A.**, Athanasiadis, A., Athanasiadi, E., Tzevelekis, B., Tonakanian, A., Assimakopoulos, E., Tarlatzis, B. 2012. Record of maternal dietary micronutrient intake - Correlation with neonatal weight. *12<sup>th</sup> Panhellenic Congress of Obstetrics and Gynecology*, May 17-20, Thessaloniki, p. 77.
- F24.** Kyrkou, C., Fotiou, M., Symeonidou, M., **Michaelidou, A.**, Athanasiadis, A., Athanasiadi, E., Koulourida, B., Tzevelekis, B., Ganidou, M., Kougioumstidou, A., Assimakopoulos, E., Tarlatzis, B. 2012. Correlation of maternal dietary micronutrient intake with 2<sup>nd</sup> trimester amniotic fluid composition. *12<sup>th</sup> Panhellenic Congress of Obstetrics and Gynecology*, May 17-20, Thessaloniki, p.81.
- F25.** Tsakoumaki, F., Georganta, G., Fotiou, M., **Michaelidou, A.M.**, Athanasiadis, A., Tzevelekis, B., Ganidou, M., Tarlatzis, B. 2013. Dietary Glycemic Index during the 2nd trimester of pregnancy: The potential effect on neonatal weight (Rendering in Greek). *17<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, November 1-3, Athens (Abstract - Rendering in Greek).
- F26.** Georganta, G., Tsakoumaki, F., Fotiou, M., **Michaelidou, A.M.**, Athanasiadis, A., Tzevelekis, B., Ganidou, M., Tarlatzis, B. 2013. Adherence to the Mediterranean diet in the 2nd trimester of pregnancy and the potential effect on neonatal weight. *17<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, November 1-3, Athens (Abstract - Rendering in Greek).
- F27.** Fotiou, M., Georganta, G., Tsakoumaki, F., **Michaelidou, A.M.**, Athanasiadis, A., Menexes, G., Ganidou, M., Theodoridis, G., Biliaderis, C.G., Tarlatzis, B. 2013. Second trimester amniotic fluid amino acid levels in relation to maternal pre-pregnancy Body Mass Index. *17<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, November 1-3, Athens (Abstract - Rendering in Greek).
- F28.** Athanasiadis, A., Zoumpoulakis, P., **Michaelidou, A.M.**, Fotakis, C., Fotiou, M., Tsakoumaki, F., Georganta, G., Menexes, G., Ganidou, M., Theodoridis, G., Biliaderis, C.G., Tarlatzis, B. 2013. Gestational age and maternal pre-pregnancy body mass index: potential determinants of human amniotic fluid metabolic profile (Rendering in Greek). *17<sup>th</sup> Panhellenic Congress of Perinatal Medicine*, November 1-3, Athens.
- F29.** Georganta, G., Dimitropoulou, A., Done, E., Athanasiadi, E., Kyrkou, C., Tsakoumaki, F., Fotiou, M., Klonos, E., Tarlatzis, B., Athanasiadis, A., **Michaelidou, A.M.** 2015. Correlation of amniotic fluid free amino acid with the daily consumption of food groups. *18<sup>th</sup> Congress of Perinatal Medicine, 16-18<sup>th</sup> October*, Athens, Greece.
- F30.** Tsakoumaki, F., Tsaroucha, S., Syroglou, S., Dimitropoulou, A., Georganta, G., Athanasiadi, E., Kyrkou, C., Fotiou, M., Kakanis, S., Tarlatzis, B., Athanasiadis, A., **Michaelidou, A.M.** 2015. Evaluation of the potential role of carbohydrate quality as a measure of the effect of maternal diet on amniotic fluid composition. *18<sup>th</sup> Congress of Perinatal Medicine, 16-18<sup>th</sup> October*, Athens, Greece.

**F31.** Fotiou, M., Tsakoumaki, F., Dimitropoulou, A., Kyrkou, C., Athanasiadi, E., Koulourida, V., Menexes, G., **Michaelidou, A.M.**, Toufakis, V., Tarlatzis, B, Athanasiadis, A. 2015. Association between amniotic fluid and maternal blood serum biomarkers during the 2<sup>nd</sup> trimester of pregnancy. *18<sup>th</sup> Congress of Perinatal Medicine, 16-18<sup>th</sup> October, Athens, Greece.*

**F32.** Tsakoumaki F., Kyrkou C., Dimitropoulou A., **Michailidou A.M.** 2018. The educational program "Children in the Nutri-Food World". Pre-conference meeting of the conference "HEALTH EDUCATION: A Valuable Life Gift from teacher to Student. The Collaboration with the Academic community and the Health Services, 20<sup>th</sup> May, 2018, Thessaloniki, Greece (abstract).

### **G. Reports**

**G1.** Korhonen, H. and **Michaelidou, A.M.**, 2004. IDF Action Team «Appropriate technologies for functional dairy products», 3rd Meeting, IDF World Dairy Summit, November 21-26, Melbourne, Australia.

**G2.** **Michaelidou, A.M.** and Korhonen, H., 2005. *IDF Action Team «Appropriate technologies for functional dairy products», 4<sup>th</sup> Meeting*, February 28, Cambridge, UK.

**G3.** **Michaelidou, A.M.**, 2007. *IDF Standing Committee on Nutrition and Health Meeting, IDF World Dairy Summit*, September 29 - October 4, Dublin, Ireland. *Milk Science and Technology* (2008)1:89-91.

**G4.** **Michaelidou, A.M.**, 2007. *IDF Standing Committee on Nutrition and Health Meeting*, May 21, Amsterdam, The Netherlands.

**G5.** **Michaelidou, A.M.**, 2008. *IDF Standing Committee on Nutrition and Health Meeting*, May 26, Paris, France.

**G6.** **Michaelidou, A.M.**, 2009. *IDF Standing Committee on Nutrition and Health Meeting*, May 25, Amsterdam, The Netherlands. *Milk Science and Technology* (2009) 1:64-67.

### **Frequent manuscript reviewer for the Journals**

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- Bioactive Carbohydrates and Dietary Fiber
- International Journal of Environmental Research and Public Health
- Journal of Chromatography B
- Nutrients
- Nucleosides, Nucleotides and Nucleic Acids
- Journal of Medicinal Food
- Journal of Clinical Medicine
- Mediterranean Journal of Rheumatology

- External reviewer for the National Science Centre Poland (<http://www.ncn.gov.pl>)

### Membership in Scientific Societies

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- UK Nutrition Society
- American Society for Nutrition

### Invited Speaker

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- **Michaelidou A.M.** 2005. Traditional foods: Past, Present and Future. *Women Cooperative Panorama 27-29 May*, American Farm School.
- **Michaelidou A.M.** 2007. Factors affecting nutritional and health components in milk and milk products. *IDF 5th International Symposium on the Challenge to Sheep and Goats Milk Sectors*, April 18-20, Alghero, Italy.
- **Michaelidou A.M.** 2007. Nutrition situation: National and global trends. Conference "Claim the Right to Food", *Ministry of Rural Development and Food*, 15-16 October, Larissa.
- **Michaelidou A.M.** 2007. Consumption of dairy products: Current trends and future perspectives. *Conference "The protection of Greek dairy and cheese products and the enhance of their competitiveness in the Greek and international market" during the Greek Milk and Cheese Festival*, Ministry of Agriculture, 5-7 October, Athens.
- **Michaelidou A.M.** 2007. "Nutrition and Health. Adopting healthy eating behavior from adolescence can be challenging. "Diet and adolescents" under the "Initiatives Education Health Aid Program" EPEAEK II, *National Youth Institute, Ministry of Education*, June.
- **Michaelidou A.M.** 2008. Milk and dairy products in human nutrition-progress and perspectives. *1st National Scientific Conference for milk and its products*, 9-10 October, Athens.
- **Michaelidou A.M.** 2008. Milk in the diet. Functional and nutritional attributes. Satellite Symposium "Milk - Nutrition and Health", *22th Medical Congress Armed Forces*, November 8, Thessaloniki.
- **Michaelidou A.M.** 2012. Determining the nutritional value of food. *4th NATIONAL CONFERENCE AGROTICA «New Crops and Technologies in Georgia as Prospect Development"*, February 5, Thessaloniki.
- **Michaelidou A.M.** 2013. Maternal dietary habits and breast milk composition. Papageorgiou Hospital, *21st World Breastfeeding Week: Focus the nursing mother. Breast Milk - Valuable every drop of*, November 4, Thessaloniki.
- **Michaelidou A.M.** 2014. Amniotic fluid uric acid, potassium and amino acid levels in a case-study of preeclampsia. *Department of Chemistry, AUTH. Meeting for EmbryoMetabolomics Project-Presentation of Methods and Results*, December 11, Thessaloniki.

- **Michaelidou A.M.** 2015. The impact of maternal nutrition on the health of offspring. 11<sup>th</sup> Macedonian Congress on Nutrition, May 15, Thessaloniki.
- **Michaelidou A.M.** 2016. Fruits and vegetables in our diet. 6<sup>o</sup> NATIONAL CONFERENCE AGROTICA "New Crops and Technologies in the cultivation of fruit and vegetables", 30-31 January, Thessaloniki.
- **Michaelidou A.M.** 2017. "Food & Nutrition". "Educational workshop on safe food handling practices", Hellenic Support Division, "OPLARHIGOU DIMITRIOU DALIPI" Camp, 18<sup>th</sup> July 2017 Thessaloniki, Greece.
- **Michaelidou, A.M.** 2018. Vitamin D and Pregnancy. Second Mediterranean Experts Meeting on "Vitamin D, in the prevention of health disparities during adult life, Mediterranean experts meeting", 30-31<sup>th</sup> August 2018, Thessaloniki, Greece.
- **Michaelidou, A.M.** 2018. "Mediterranean diet: Nutritional and functional attributes of manufactured products of Western Macedonia". Meeting for the anti-cancer foods of the region of Western Macedonia, 20<sup>th</sup> October 2018, Ptolemaida, Kozani, Greece.
- **Michaelidou, A.M.** 2019. The nutritional value of dairy products. 1st Pancyprian Conference for the Cypriotic Dairy Industry "All about dairies", 9<sup>th</sup> February 2019, Nicosia, Cyprus. (*keynote speaker*)
- **Michaelidou, A.M.** 2019. "Mediterranean diet: a sustainable dietary pattern". Hellenic Scientific Society for Genetic Improvement of Plants, 22<sup>th</sup> February, 2019, Thessaloniki, Greece.
- **Michaelidou, A.M.** 2019. "Milk and Dairy products: Nutritional attributes and potential health benefits." 3<sup>st</sup> Pancyprian Milk Convention, 13<sup>th</sup> June 2019, Nicosia, Cyprus.
- **Michaelidou, A.M.** 2020. "Nutrition Quality Assurance Standards (HALAL, COSHER)". Postgraduate Educational Program "Food Law", Department of Food Science and Technology, Faculty of Agriculture, Forestry and Natural Environment, AUTH. 16<sup>th</sup> September 2020, Thessaloniki, Greece.
- **Michaelidou, A.M.** 2020. "The impact of maternal nutrition on pregnancy evolution and outcome: a holistic approach". 13<sup>th</sup> Macedonian Conference on Nutrition and Dietetics, 25-27 September 2020, Thessaloniki (Round Table Moderator)

### **Coordination in International Committees**

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- Representative of the National Dairy Committee "Nutrition and Health" in **International Dairy Federation conferences.**

### **Participation in International Committees**

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- Member of the Action Team "Appropriate technologies for functional dairy products" of the **International Dairy Federation.**
- Member of the Action Team «Up-date of contents of the IDF Nutrition Website» of the **International Dairy Federation.**

## **Administrative activities**

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- Participation in the Committee of Food Science and Technology curriculum of the Department of Food Science and Technology.
- Participation in the Organizing Committee of the Workshop "Foods: Quality, Nutrition, Safety" of School of Agriculture, AUTH, in the frame of 80<sup>th</sup> celebration of the School, Thessaloniki, 2 November 2007.
- Member of the board meetings of Interdisciplinary Postgraduate Program "Landscape Architecture" (2009-2010).
- Representative of the Department of Food Science and Technology in the board meetings of Agricultural School (2009-2010, 2016-2017, 2018-2019).
- Master of ceremony of Commencement of School of Agriculture, Faculty of Agriculture, Forestry and Natural Environment, Aristotle University of Thessaloniki (November 2015-July 2018).
- Reciprocal scholarships-Program coordinator in Faculty of Agriculture, Forestry and Natural Environment.
- Director and Member of the Steering Committee of the Postgraduate Program "Food Science and Nutrition", Department of Food Science and Technology, School of Agriculture, School of Agriculture, Faculty of Agriculture, Forestry and Natural Environment, Aristotle University of Thessaloniki.

## **Social Activities**

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- "Fruits, Delight and Health", invited speaker Velventos, July 6-8, 2007.
- Participation in the event "Who should advise us about our diet?", held by the KEPKA - Consumers Protection Center on, December 2, 2007
- Participation in the event "Nutrition and Health", held by the Women's Cultural Association of the Municipality of Pilea, "Kapoutzida", May 7, 2008.
- Participation in the event "Quality – Safety – Foods, held by the Municipality of Thermi, Greece and the "Ecology and Environment" newspaper, February 27, 2008.
- Participation in the event held under the "Initiatives Support Program in Health Education", May 6, 2008, 1<sup>st</sup> Professional School, Kilkis. Lecture about "Dietary habits of adolescents".
- Educational programs for children aged 10 to 13 and adults – in the events of "Auth Open Sundays", May 13 & 27, June 10, 2012.
- Lecture on "Nutrition & Health: a lifelong relationship", in the seminar "Bee, Nature, Humans", held by Environmental Education Center of Arnaia, April 19,

2013.

- Lecture on "Food & Nutrition". Hellenic Open University of the Municipality of Thermaikos, November 14, 2013.
- Lecture on "Nutrition in school", Department of Programms and Lifelong Learning, Directorate of Education and Sport, Municipality of Thessaloniki, December 1, 2014.
- Lecture on "Nutrition and health." Thessaloniki Science Festival. May 14 & 15, 2015.
- "Balanced Diet" – Educational seminars for parents and teachers. Municipality of Thessaloniki. April 2016.
- Educational programs for children aged 9 to 12 – in the events of "Auth Open Sundays", May 15, 22 & 29, 2016.
- Educational programs for children aged 9 to 12 – in the events of "Auth in town", October 8 & 9, 2016.
- **Michaelidou, A.M.**, Kyrkou, C., Fotiou, M., Tsakoumaki, F., Dimitropoulou, A., 2016. Legumes in human diet. *Georgia-Livestock, Special Issue: legumes*. AgroTypos Publications, 20-22.
- **Michaelidou, A.M.**, Kyrkou, C., Fotiou, M., Tsakoumaki, F., 2016. Functional and nutritional aspect of legumes. "*Epi gis*". Magazine Publisher: Piraeus Bank, Issue 8, p. 12.
- Lecture on healthy eating behavior entitled "Adopting healthy eating behavior from adolescence can be challenging." Mandoulides Schools, May 19, 2017. In the frame of the "Nutrition week" of Ministry of Education, Lifelong Learning and Religious Affairs.
- Educational programs for children aged 6 to 12 – in the events of "Auth Open Sundays", May 20, 2018.