

PERSONAL INFORMATION

Surname / First name : Goras Georgios
 Date of birth : 08/01/1978
 Place of birth : Athens
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**EDUCATION**

- 2014** : Post doc “Detection of viruses in bees using molecular analysis”. Aristotle University of Thessaloniki, Research Committee, Laboratory of Apiculture
- 2005-2011** : Ph.D. “Impact of different age of combs on disease control, development and productivity of bee hives”. Aristotle University of Thessaloniki, School of Agriculture, Laboratory of Apiculture
- 2002-2005** : Msc “Methods of royal jelly production”. Aristotle University of Thessaloniki, School of Agriculture, Laboratory of Apiculture
- 1997-2002** : Degree of Agriculturist. Aristotle University of Thessaloniki, School of Agriculture

WORK – RESEARCH EXPERIENCE

- 2018 - Today** : Assistant Professor, Sericulture – Apiculture Laboratory, Faculty of Crop Science, Agricultural University of Athens
- 2003-2018** : Research Fellow, Agriculturist, Ph.D. Apiculture, Laboratory of Apiculture, School of Agriculture, Aristotle University of Thessaloniki. Participation in projects :
- Technical supporting to produce qualified beekeeping products for the firm “ATTIKI SA”
 - Technical supporting to produce qualified beekeeping products for the firm “APIVITA SA”
 - Certification of the Laboratory “Accreditation of Laboratory of Apiculture”
 - Analysis of physiochemical and other characteristics of honey – Detection of acaricide residues in the frame of beekeeping program of 2011 – 2013
 - Control bee-eaters that causing problems to the beekeeping of Cyprus
 - Biological control of varroa mite by thermotherapy
 - Alternative methods of American foulbrood (AFB) and European foulbrood (EFB) control
 - Certification of native bee queens by genetic investigation
 - Quality standards and geographical origin of royal jelly
 - Characteristics of Cyprian honey
 - Control of Nozemosis caused by *N. ceranae* with alternative and conventional ways
 - Side effects on honeybees and their honey from the aerial application of ULV against adults population of mosquitoes by the use of biocide products Aqua-K-Othrine EW and Pesquard S102 at the rice fields of West Thessaloniki
 - Enhancing the quality attributes of processed honey and avoiding crystallization by the application of non-thermal process
 - Services for carrying and research for assignment the effect of time storage and heating on the quality criteria HMF and Diastase of Cyprus honey in the frame of beekeeping program 2011 – 2013. Action E
 - Identity of Greek royal jelly and pollen – Qualitative criteria
 - Rescue, breeding and maintenance of genetic material in Greek bee populations
 - Physiochemical characteristics of especial Greek honeys
 - Chemical analysis of bee products
 - Beekeeping training
 - Implementation of the Action Bee-conomy SP.3 – Actions for supporting and developing the economy of bee products

- 2013-2014** : Associate Researcher, Agriculturist, Ph.D. Apiculture. Project POL-AEGIS : Aegean sea pollinators. University of the Aegean, Research Committee
- 2012-2013** : Associate Researcher, Agriculturist, Ph.D. Apiculture. Project Model establishment for the prediction of honeydews in pinus and fir forests. Institute of Mediterranean Forest Ecosystems, NAGREF, Hellenic Agricultural Organization "DEMETER"
- 2013-2018** : Associate Researcher, Agriculturist, Ph.D. Apiculture. Establishment of GLP for bees and wild bees in ANADIAG Hellas. ANADIAG Hellas, Veroia, Greece
- 2005-2006** : Agriculturist, Research Assistant, Msc Apiculture. Guide and statistical analysis of data from different types of cereal cultivation. NAGREF, Cereal Institute.
- 2004-2005** : Agriculturist. Chemical analysis of plant products for plant protection residues. Ministry of Agriculture.

TEACHING EXPERIENCE

- 2018 - Today** : Sericulture – Apiculture Laboratory, Faculty of Crop Science, Agricultural University of Athens
- 2003-20118** : Laboratory of Apiculture, School of Agriculture, Aristotle University of Thessaloniki. Trainer in adult apiculture seminars (more than 800hrs)
- 2005-Today** : NAGREF, Hellenic Agricultural Organization "DEMETER"
Agriculturist, Certified instructor. Beekeeping training (more than 400hrs)
- 2009-2016** : American Farm School of Thessaloniki. Agriculturist, Certified instructor, MSc Ph.D. Apiculture. Beekeeping training (more than 750hrs)
- 2016-2017** : Aristotle University of Thessaloniki, Faculty of Agriculture, Forestry and Natural Environment, School of Agriculture
Teaching of "Applied Beekeeping" course in accordance with Presidential Decree 407/80
- 2015-2016** : University of Thessaly, School of Agricultural Sciences, Department of Agriculture Crop Production and Rural Environment.
Teaching of "Beekeeping" courses.
- 2012-2013** : Technological Educational Institute of Thessaly, Department of Animal Production. Teaching of beekeeping to students of Technological Institute.
- 2008-2009** : Alexander Technological Educational Institute of Thessaloniki, Department of Animal Production.
Teaching of beekeeping to students of Technological Institute

OTHER LANGUAGES

- ENGLISH : Independent user

COMPUTER SKILLS AND COMPETENCES

- Windows
- Internet
- Microsoft Office
- Statistical program SPSS
- Image processing program Photoshop
- Bioinformatics programs (Gene Runner, ClustalW, Clustal X, TreeView, Blast, SimPlot, Mega)
- ECDL

TECHNICAL SKILLS AND COMPETENCES

Beekeeping knowledge
Molecular and chemical analysis of bees and bee products (PCR, RT-PCR)
Knowledge of accreditation of a lab for chemical analysis
Knowledge of GLP
Statistical analysis

OTHER ACTIVITIES

Member of Geotechnical Chamber of Greece
Member of the Hellenic Scientific Society of Beekeeping and Sericulture
Registered in the Register of Certified Adult Trainers (Registration Number EB 18713)

CONTINUOUS TRAINING

- 19-22/09/2017** : 17th National Insect Conference. Hellenic Scientific Society of Beekeeping and Sericulture. Agricultural University of Athens
- 9-12/10/2014** : 7th National Ecology Conference. Mytilene
- 10-11/04/2013** : International Workshop of Melissopalynology, International Honey Commission, and Laboratory of Apiculture – Sericulture of Aristotle’s University of Thessaloniki. Thessaloniki, Greece
- 10/11/2012** : “Effects of mining activities in beekeeping” Hellenic Scientific Society of Beekeeping and Sericulture
- 21-22/01/2012** : “Introduction in PCR” «Εισαγωγή στην PCR», Hellenic Society of Biomedical Research
- 05-02-2011** : Beekeeping meeting “Recent Scientific Results in National and International Beekeeping” Hellenic Scientific Society of Beekeeping and Sericulture
- 07-09/04/2010** : International Symposium on Authenticity and Quality of Bee Products and the 2nd World Symposium on Honeydew Honey, Chania – Greece
- 06-09/04/2010** : XII International Symposium on Scale Insects Studies, Chania – Crete – Hellas
- 15/06/2007** : “Internal Inspections for Quality ISO 17025”, Greek Metronomic Institute
- 21-22/04/2007** : “Apiculture – Sericulture” 3rd National Scientific Conference. Hellenic Scientific Society of Beekeeping and Sericulture
- 21-23/5/2004** : “Safety and Value of Honeybee and Silkworms products” 2nd Scientific Conference in Apiculture – Sericulture. Hellenic Scientific Society of Beekeeping and Sericulture
- 29/11/2002-1/12/2002** : “The attainments and the perspectives of Apiculture and Sericulture research in Greece” 1st National Scientific Conference in Apiculture – Sericulture. Hellenic Scientific Society of Beekeeping and Sericulture

PUBLICATIONS INTERNATIONAL JOURNALS

1. Rodopoulou M.A., Tananaki Chr., Dimou M., Liolios V., Kanelis D., **Goras G.**, Thrasylvoulou A. (2017). The determination of the botanical origin in honeys with over-represented pollen: combination of melissopalynological, sensory and physicochemical analysis. *Journal of the science of Food and Agriculture*. Accepted for publication.
2. Andreas Thrasylvoulou, Chrysoula Tananaki, **Goras Georgios**, Emmanouel Karazaphiris, Maria Dimou, Vasilis Liolios, Dimitris Kanelis, Gounari Sofia (2017) Legislation of honey criteria and standards. *Journal of Apicultural Research*. Accepted for publication.
3. **Goras G.**, Ruether I.G.A., Tananaki Ch., Gounari S., Liolios V., Kanelis D., Argena N., Rodopoulou M., Karazafiris Em. And Thrasylvoulou A. (2017) Characterization of a novel recombination event in the Deformed wing bee virus polymerase gene. *Journal of the Hellenic Veterinary Medical Society*. Accepted for publication.
4. **Goras G.**, Tananaki Ch., Gounari S., Lazaridou El., Kanelis D., Liolios V., Karazafiris Em., Thrasylvoulou A. (2016) Rearing drones in queen cells of *Apis mellifera* Honey bees. *Journal of Apicultural Science* 60(2): 119 – 128.
5. Liolios V., Tananaki Chr., Dimou M., Kanelis D., **Goras G.**, Karazafiris Em., Thrasylvoulou A. (2015) Ranking pollen from bee plants according to their protein contribution to honey bees. *Journal of Apicultural Research* 54(5): 582 – 592.
6. Kanelis D., Tananaki Chr., Liolios V., Dimou M., **Goras G.**, Rodopoulou M.A., Karazafiris Em., Thrasylvoulou A. (2015) A suggestion for royal jelly specifications. *Archives of Industrial Hygiene and Toxicology* 66: 275-284
7. **Goras G.**, Tananaki Chr., Dimou M., Tscheulin Th., Petanidou Th., Thrasylvoulou A. (2016). Impact of honeybee (*Apis mellifera* L.) density on wild bee foraging behavior. *Journal of Apicultural Science* 60(1): 49-61.
8. Gounari S., Kozár F., Fetykò K., **Goras G.** (2015). *Phenacoccus Longoi Russo* (Hemiptera: Coccoidea: Pseudococcidae) newly recorded from fir forests in Greece. *Entomological News* 124 (5):354-356
9. **Goras G.**, Tananaki Chr., Gounari S., Dimou M., Lazaridou El., Karazafiris Em., Kanelis D., Liolios V., Hasan F. El Taj, Thrasylvoulou A. (2015) Hyperthermia –a non- chemical control strategy against varroa. *Journal of the Hellenic Veterinary Medical Society* 66(4):249-256
10. Tananaki Chr., Kanelis D., Liolios V., Dimou M., **Goras G.**, Thrasylvoulou A. (2014) Green “Honey” from Kiwi plants. *Bee World* 91(3): 68-69
11. Chaskopoulou Al., Thrasylvoulou A., **Goras G.**, Tananaki Ch., Latham M.D., Kashefi J., Pereira R.M. and Koehler Ph. (2014) Nontarget effects of aerial mosquito adulticiding with water – based unsynergized pyrethroids on honey bees and other beneficial insects in an agricultural ecosystem of North Greece. *Journal of Medical Entomology* 51(3):720-724
12. Tananaki Ch., **Goras G.**, Huggett N., Karazafiris Em., Dimou M. and Thrasylvoulou A. (2014) “Evaluation of the impact of Exomite Pro™ on Varroa mite (*Varroa destructor*) populations and honey bee (*Apis mellifera*) colonies : efficacy, side effects and residues”. *Parasitology Research* 113(4) 1251 - 1259
13. Dimou M., Tananaki Ch., **Goras G.**, Kanelis D., Thrasylvoulou A. (2014) “The effect of pollen supplements on the determination of the geographic origin of the royal jelly”. *Journal of Apiculture Resarch* 53 (1) : 124 – 128
14. Dimou M., Tananaki Ch., **Goras G.**, Karazafiris Em. and Thrasylvoulou A. (2013) “Melissopalynological analysis of royal jelly from Greece”. *Grana* 52 (2) : 106 – 112
15. Ferenc Kozar, Sofia Gounari, Chris Hodgson, Kinga Fetyk and **G. Goras** (2012) “A new species of *Physokermes Targioni Tozzetti* (Hemiptera : Coccoidea : Coccidae) from Greece”. *Zootaxa* 3566 : 23 – 38
16. Tananaki Chr., **Goras G.**, Thrasylvoulou A., Zotou A. (2009) “Determination of 1,4-dichlorobenzene in royal jelly”. *Journal of Apicultural Research and Bee World* 48(1): 79 – 80
17. Dimou M., **Goras G.**, Thrasylvoulou A. (2007) “Pollen analysis as a means to determine the geographical origin of royal jelly”. *Grana*, 46 : 118 – 122

NUCLEOTIDIC SEQUENCES IN GENBANK

- 2 *Nosema ceranae*: 16S ribosomal RNA gene, partial sequences
- 10 DWV: Deformed wing virus, RNA-dependent RNA polymerase gene, partial cds
- 5 BQCV: Black queen cell virus: RNA-dependent RNA polymerase gene, partial cds
- 5 KBV : Kashmir bee virus polyprotein gene, partial cds
- 5 IAPV: Israel acute paralysis virus of bees, RNA-dependent RNA polymerase and structural polyprotein genes partial cds.
- 5 ABPV: Acute bee paralysis virus, nonfunctional polyprotein gene, partial sequence.
- 5 CBPV: Chronic bee paralysis virus RNA dependent RNA polymerase gene, partial cds.

- 50 *Apis mellifera macedonica*, *Apis mellifera anatoliaca*, *Apis mellifera ligustica*, *Apis mellifera cecropia* NADH dehydrogenase subunit 2 (ND2) gene, mitochondrial gene encoding mitochondrial protein, partial cds

INTERNATIONAL CONFERENCES

PAPER

1. Thrasylvoulou A., Tananaki Chr., **Gkoras G.**, Karazafiris E., Lazaridou E, Gounari S., Dimou M., Karagianni A. (2008). «*Nosema ceranae* in Greece and some attempts to control it». 1st International Mugla Beekeeping and Pine Honey Congress. November 25 – 27

ABSTRACTS

1. Thrasylvoulou A., Tananaki Chr., **Goras G.** (2015) “International and National legislation causing inconsistency to honey trading”. 44th Congress Apimondia. Daejeon, Korea. September 15 – 19. (Oral presentation)
2. Liolios V., Tananaki Chr., Dimou M., Kanelis D., **Goras G.**, Karazafiris Em., Thrasylvoulou A. (2014) “Sorting pollen from bee plants according to their protein contribution to honey bees”. International Symposium of Bee Products, 3rd edition. Annual meeting of the International Honey Commission (IHC). Opatija, Croatia, September 28 – October 1 (Oral presentation)
3. Liolios V., Tananaki Chr., Dimou M., Kanelis D., **Goras G.**, Karazafiris Em., Thrasylvoulou A. (2014) “Predict the chemical composition of pollen”. International Symposium of Bee Products, 3rd edition. Annual meeting of the International Honey Commission (IHC). Opatija, Croatia, September 28 – October 1 (Oral presentation)
4. Kanelis D., Tananaki Chr., Liolios V., Dimou M., **Goras G.**, Karazafiris Em., Thrasylvoulou A. (2014) “Factors that may affect the quality standards of royal jelly and pollen”. International Symposium of Bee Products, 3rd edition. Annual meeting of the International Honey Commission (IHC). Opatija, Croatia, September 28 – October 1 (Oral presentation)
5. Gounari S., **Goras G.**, Tananaki Ch., Thrasylvoulou A. (2012). “The main honeydew producing insects in Greece”. Annual meeting of the International Honey Commission. Braganca, Portugal, September 9-12 (Oral presentation)
6. Thrasylvoulou A., Tananaki Ch., Dimou M., Karazafiris Em., **Goras G.**, Liolios B., Kanelis D. (2012). “Suggestion for improvements of European Legislation governing Bee Products”. Annual meeting of the International Honey Commission. Braganca, Portugal, September 9-12 (Oral presentation)
7. Thrasylvoulou A., Tananaki Chr., **Goras G.** (2010) “Efforts to explain the great variability of diastase activity in monofloral honeys”. 4th European Conference of Apidology. Metu-Ankara, Turkey. September 7-9. (Oral presentation)
8. Thrasylvoulou A., Tananaki Chr., Karazafiris Em., **Goras G.** (2010) “Improvements of regulations on organing farming to facilitate the practice of organic beekeeping”. Apimondia First World Conference on Organic Beekeeping. Sunny Beach, Bulgaria. 27-29/08. (Oral presentation)
9. Thrasylvoulou A., **Goras G.**, Tananaki Chr., Lazaridou El. (2009) “Attempts to control *Nosema ceranae* in Greece”. 41st Congress Apimondia. Montpellier, France. September 15 – 20 (Oral presentation)

POSTERS

1. **Goras G.**, Tananaki Chr., Kanelis D., Liolios B., Dimou M., Karazafeiris Em., Argena N., Thrasylvoulou A. (2015) “The quality of commercial sugar supplements for feeding bees”. 44th Congress Apimondia. Daejeon, Korea. September 15 – 19. (Poster)
2. **Goras G.**, Liolios B., Kanelis D., Tananaki Chr., Thrasylvoulou A. (2015) “The impact of bee-eaters (*Merops apiaster*) to the beekeeping endeavours of Cyprus”. 44th Congress Apimondia. Daejeon, Korea. September 15 – 19. (Poster)
3. Tananaki Chr., Kanelis D., Liolios V., Dimou M., **Goras G.**, Thrasylvoulou A. (2014) “Green honey, the first honey from Kiwi plants”. International Symposium of Bee Products, 3rd edition. Annual meeting of the International Honey Commission (IHC). Opatija, Croatia, September 28 – October 1 (Poster)
4. Gounari, S., Hodgson, Ch., Kozar, F., **Goras G.**, Tananaki, Ch., Thrasylvoulou, A. (2013) “New aspects in entomofauna of Pinus spp. and Abies spp., with references to their importance in pine and fir honey production”. XXXVIII International Apiculture Congress. Ukraine, October. (Poster)
5. **Goras G.**, Kanelis D., Karazafiris E., Menkissoglu – Spiroudi U., Thrasylvoulou A. (2011). “Comparative study of coumaphos residues detected in royal jelly collected from natural and artificial queen cells”. 7th MGPR International Symposium “Paolo Cabras”. Pesticides in food and the environment in Mediterranean countries. Thessaloniki, Greece, November 9 –11 (Poster)

6. **Goras G.** (2009). "The impact of combs of different age on honey bee colonies". 41st Congress Apimondia. Montpellier, France. September 15 – 20 (Poster)
7. **Goras G.**, Lazaridou E., Thrasivoulou A., "Production of royal jelly in queenright colonies without restriction of the queens"(2006). Second European Conference of Apidology, Prague, Czech Republic. September 14 – 16 (Poster)
8. Karazafiris E., **Goras G.**, Menkissoglu – Spiroudi U., Thrasivoulou A.(2006) "A new solid phase extraction method for pesticide residues analysis in royal jelly". 6th European Pesticide Residue Workshop, Corfu, Greece. May 21 – 25 (Poster)
9. **Goras G.**, Karazafiris E., Kanelis D., Ioannidou M., Menkissoglu – Spiroudi U., Thrasivoulou A. (2006) "Assessment of residues detected in royal jelly after the application of registered synthetic acaricides". 6th European Pesticide Residue Workshop, Corfu, Greece, May 21 – 25 (Poster)
10. Tananaki Ch, **Goras G.**, Thrasivoulou A., Zotou A. "Determination of 1,4 – dichlorobenzene in honey and royal jelly" (2005). G. Proceedings of 39th Apimondia. International Apicultural Congress , Dublin, Ireland. August 21 – 26 (Poster)
11. **Goras G.**, Lazaridou E., Felekidou P., Ioannou D., Thrasivoulou A. (2005) "Production of royal jelly in queenright colonies" 39th Apimondia International Apicultural Congress Dublin, Ireland. August 21 – 26 (Poster)
12. Dimou M., Thrasivoulou A., **Goras G.** "A study on the geographical origin of royal jelly" (2006) 7th European Paleobotany – Palynology Conference, Prague, Czech Republic. September 6 – 11 (Poster)

NATIONAL CONFERENCES

PAPER

More than 35 since 2001

ABSTRACT

Nine since 2007

POSTERS

Two since 2017

ARTICLES FOR BEEKEEPERS

More than 70 since 2004 (in bimonthly journal for beekeepers)