Haralabia BOLETI	**Research Director (Researcher grade A)**

https://www.pasteur.gr/index%2Ephp/el/endokyttarios-parasitismos

Scientific Education

- **B.Sc. in Chemistry** National University of Athens, Athens, Greece ***1985***
- **M.Sc. in Biochemistry** University of Alberta, Edmonton, Canada ***1990***
- **Ph.D. in Molecular Cell Biology** European Molecular Biology Laboratory (EMBL), University of Heidelberg, Heidelberg, Germany ***1995***

Languages:

- ***Greek (mother tongue)***
- ***English (fluent)***
- ***French (very good)***
- ***German (basic)***

Professional Profile

Sep 2022-Currently **Researcher A** (Research Director)
Head to the "Intracellular Parasitism group, Department of Microbiology
Scientific co-responsible of the Light Microscopy Facility
Hellenic Pasteur Institute, Athens, Greece

May 2010-Sep 2022 **Researcher B** (Principal Investigator, tenure)
Head to the "Intracellular Parasitism group, Department of Microbiology
Scientific co-responsible of the Light Microscopy Facility
Hellenic Pasteur Institute, Athens, Greece

Jan 2002- May 2010 **Researcher C** (Mandated investigator-tenure track), *Department of Microbiology*
Scientific co-responsible of the Light Microscopy Facility
Hellenic Pasteur Institute, Athens, Greece

Jan 2000 -Dec 2001 **Associate Scientist,** *Hellenic Pasteur Institute, Athens, Greece*

Oct 1996 - Dec 1999 **EMBO and ARC Post-Doctoral Fellow,** *Pasteur Institute, Paris, France*

Jun 1996 - Sep 1996 **Visiting Post-Doctoral Fellow**
Dep. of Biochemistry, U. of Alberta, Edmonton, Canada

Jul 1995 - Feb 1996 **Post-doctoral Fellow**, *EMBL, Heidelberg, Germany*

Jan 1991 – Jul 1995 **Pre-doctoral Fellow**, *EMBL, Heidelberg, Germany*

Jan 1987 - Dec 1990 **Graduate Teaching and Research Assistant**
Dep. of Biochemistry, U. of Alberta, Edmonton, Canada.

Sept 1986 - Dec 1986 **Graduate Teaching Assistant**, *Dep. of Chemistry, U. of Alberta, Edmonton, Canada*

Research Publications
H-index 16

1. Madelou N.A., Kapetanou M. , Papakonstantinou K., Koutsoni O., Kakazanis Z., Melliou E., Magiatis P., Zoumbourlis V., Gonos E.S, Boleti H. (**2026**). Time-Dependent Multimechanistic Antitumor Effects of Olive Oil Phenolics in a Triple-Negative Breast Cancer Mouse Model. *Nutrients;* 23;18(17):2756. doi: 10.3390/nu18172756 (IF2026: 5.8, 5Y IF 6.5, Citations 1) Q1

2. Tziouvara O., Petsana M., Kourounis D., Papadaki A., Basdra E., Braliou G.G. and Boleti H. (**2024**). Characterization of the First Secreted Sorting Nexin Identified in the *Leishmania* Protists. *Int. J. Mol. Sci*; 25(7), 4095; https://doi.org/10.3390/ijms25074095 (IF2022:5.6, 5Y IF: 6.2, Citations 1) **Q1**

3. Petsana M, Roumia AF, Bagos PG, Boleti H, Braliou GG. (**2023**). In Silico Identification and Analysis of Proteins Containing the Phox Homology Phosphoinositide-Binding Domain in Kinetoplastea Protists: Evolutionary Conservation and Uniqueness of Phox-Homology-Domain-Containing Protein Architectures. *Int J Mol Sci*.;24(14):11521. doi: 10.3390/ijms241411521. PMID: 375112 (IF2022:5.6, 5Y IF: 6.2, Citations 2) **Q1**

4. Papakonstantinou A, Koumarianou P, Diamantakos P, Melliou E, Magiatis P, Boleti H. (**2023**). A Systematic Ex-Vivo Study of the Anti-Proliferative/Cytotoxic Bioactivity of Major Olive Secoiridoids' Double Combinations and of Total Olive Oil Phenolic Extracts on Multiple Cell-Culture Based Cancer Model Highlights Synergistic Effects. *Nutrients.* 15(11):2538. doi: 10.3390/nu15112538. PMID: 37299499 (IF2022:5.9, 5Y IF: 6.6, Citations:16) **Q1**

5. Papakonstantinou A, Koumarianou P, Rigakou A, Diamantakos P, Frakolaki E, Vassilaki N, Chavdoula E, Melliou E, Magiatis P, Boleti H. (**2022**). New Affordable Methods for Large-Scale Isolation of Major Olive Secoiridoids and Systematic Comparative Study of Their Antiproliferative/Cytotoxic Effect on Multiple Cancer Cell Lines of Different Cancer Origins. *Int J Mol Sci. 24(1):3*. doi: 10.3390/ijms24010003. PMID: 36613449 (IF2022:5.6, 5Y IF: 6.2, Citations: 17) **Q1**

6. Papadaki A., Tziouvara O., Kotopouli A., Koumarianou P., Doukas A., Rios P., Tardieux I., Köhn M., **Boleti H**. (**2021**). The *Leishmania donovani* LDBPK_220120.1 gene encodes for an atypical Dual Specificity Lipid-like phosphatase expressed in promastigotes and amastigotes; Substrate specificity, intracellular localizations and putative role(s). *Frontiers in Cellular and Infection Microbiology, section Parasite and Host, 11:591868. doi: 10.3389/fcimb.2021.591868* (IF2020:5.293, 5Y IF:5.882; Citations 2) **Q1**

7. Chavdoula E., Habiel D.M., Roupakia E., Markopoulos G.S., Vasilaki E., Kokkalis A., Polyzos A.P, **Boleti H**., Thanos D., Klinakis A., Kolettas E., Marcu K.B. (**2019**). CHUK/IKKalpha loss in lung epithelial cells enhances NSCLC growth associated with HIF up-regulation. *Life Science Aliance***,** 2(6). http://doi.org/10.26508/lsa.201900460 (IF 2020 & 5Y IF: 4.591, Citations: 9**) Q1**

8. Papadaki A. and **Boleti H**. (**2019**). Measurement of Acid Ecto-phosphatase Activity in Live *Leishmania donovani* Parasites. BioProtocols (*A peer-reviewed protocol journal***)** following journals' invitation https://bioprotocol.org/e33843 . **(**IF2022: 0.8 & 5Y IF: 1.3, Citations: 4)

9. Frakolaki E, Kalliampakou KI, Kaimou P, Moraiti M, Kolaitis N, **Boleti H,** Koskinas J, Vassilacopoulou D, Vassilaki N. (**2019**). Emerging Role of l-Dopa Decarboxylase in *Flaviviridae* Virus Infections. **Cells** 8(8). pii:E837. doi: 10.3390/cells8080837.PMID:31387309 https://www.mdpi.com/2073-4409/8/8/837 (IF2020: 6.6, 5Y IF: 6.663_Citations:20). **Q1**

10. Doukas A, Karena E, Botou M, Papakostas K, Papadaki A, Tziouvara O, Xingi E, Frillingos S, **Boleti H.** (**2019**)**.** Heterologous expression of the mammalian sodium-nucleobase transporter rSNBT1 in *Leishmania*

*tarentolae***.** Biochim Biophys Acta Biomembr**.** 1861(9):1546-1557.doi:10.1016/j.bbamem.2019.07.001 . PMID:31283918 https://www.sciencedirect.com/science/article/pii/S0005273619301452?via%3Dihub
(IF2020: 3.747, 5Y IF: 4,404; Citations: 12) **Q2**

11. Braliou GG, Kontou PI, **Boleti H,** Bagos PG. (**2019**). Susceptibility to leishmaniasis is affected by host SLC11A1 gene polymorphisms: a systematic review and meta-analysis. *Parasitol Res*. 118(8):2329-2342 doi:10.1007/s00436-019-06374-y.Review. PMID: 3123. https://link.springer.com/article/10.1007%2Fs00436-019-06374-y (IF2020:2.289; 5Y IF**:** 2.403_Citations: 21) **Q3**

12. Vakrakou AG, Boiu S, Ziakas PD, Xingi E, **Boleti H**, Manoussakis MN. (**2018**). Systemic activation of NLRP3 inflammasome in patients with severe primary Sjögren's syndrome fueled by inflammagenic DNA accumulations. *J Autoimmun.* 91:23-33. PMID: 29551295; DOI: 10.1016/j.jaut.2018.02.010
(IF220**:** 7,509, 5Y IF: 7.294_Citations: 116) **Q1**

13. Papadaki A, Politou AS, Smirlis D, Kotini MP, Kourou K, Papamarcaki T, **Boleti H**. (**2015**). The *Leishmania donovani* histidine acid ecto-phosphatase *Ld*MAcP: insight into its structure and function. *Biochem J***.** 467(3):473-86. DOI: 10.1042/BJ20141371 (IF2020: 3.857, 5Y IF: 4,868_Citations: 13) **Q3**

14. Kostomoiri M., Zikos C., Benaki D., Triantis C., Sagnou M., Paravatou-Petsotas M., Papadaki A., **Boleti H.**, Papadopoulos M., Pirmettis I., Pelecanou M., Livaniou E. (**2015**). New labeled derivatives of the neuroprotective peptide colivelin: synthesis, characterization, and first in vitro and in vivo applications. *Arch Biochem Biophys. 567:83-93***.** DOI: 10.1016/j.abb.2014.12.027 (IF2020: 4,013, 5Y IF: 4,076_Citations: 5) **Q2**

15. Athanasopoulos A., **Boleti H.**, Scazzocchio C., Sophianopoulou V. (**2013**). Eisosome distribution and localization in the meiotic progeny of Aspergillus nidulans. *Fungal Genet Biol. 53:84-96.*
DOI: 10.1016/j.fgb.2013.01.002 (IF2020: 3,495, 5Y IF: 3,831_Citations: 17) **Q2**

16. Kalliampakou K. Kouri E., **Boleti H.**, Pavli O., Maurousset L., Udvardi M., Katinakis P., Rémi Lemoine, and Flemetakis E. (**2011**). Cloning and functional characterization of **Lj**PLT4, a plasma membrane xylitol H^+-symporter from *Lotus japonicus*. *Mol. Memb. Biol***.** 28(1):1-13. DOI: 10.3109/09687688.2010.500626
(IF2020: 2,857, 5Y IF: 2,93 _Citations: 8) **Q3**

17. Boleti H., Smirlis D., Dalagiorgou G., Meurs E., Christoforidis S., & Mavromara.P. (**2010**). ER targeting and retention of the HCV NS4B protein relies on the concerted action of multiple structural features including its transmembrane domains. *Mol. Memb. Biol***.** 27(1):50-74. DOI: 10.3109/09687680903426208
(IF2020: 2.857, 5Y IF: 2,93 _Citations: 15) **Q3**

1**8.** Smirlis D, **Boleti H**, Gaitanou M, Soto M, Soteriadou K. (2009). *Leishmania donovani* RAN-GTPase interacts at the nuclear rim with linker histone H1. *Biochem J. 10;424(3):367-74*. DOI: 10.1042/BJ20090576
(IF2020: 3,857, 5Y IF:4,868 _ Citations: 9) **Q2**

19. Karanasios E, **Boleti H**, Simos G. (**2008**). Incorporation of the Arc1p tRNA-binding domain to the catalytic core of MetRS can functionally replace the yeast Arc1p-MetRS complex. *J Mol Biol***.** 381(3):763-71. DOI: 10.1016/j.jmb.2008.06.044 (IF2020: 5,469, 5Y IF: 5,826_Citations: 8) **Q1**

20. Vassilaki N, **Boleti H**, Mavromara P. (**2008**). Expression studies of the HCV-1a core+1 open reading frame in mammalian cells**.** *Virus Res.* 133(2):123-35. DOI: 10.1016/j.virusres.2007.10.019
(IF2020: 3,303, 5Y IF: 3,445_Citations: 24) **Q2**

21. Vassilakı N, **Boleti H**. and Mavromara P. (2**007**). Expression studies of the core+1 protein of the hepatitis C virus 1a in mammalian cells: the influence of the core protein and proteasomes on the intracellular levels of core+1. *FEBS J***.** 274(16):4057-74 DOI: 10.1111/j.1742-4658.2007.05929.x
(IF2020: 5,542, 5Y IF: 5,5_Citations: 25) **Q2**

22. Ibrahim-Granet, O., Philippe,B., **Boleti, H**., Boisvieux-Ulrich, E., Prévost, MC., Grenet, D., Stern, M., and JP Latgé. (**2003**). Phagocytosis and intracellular fate of Aspergillus fumigatus conidia in alveolar macrophages. *Infection and Immunity*, *71(2):891-903* DOI: *10.1128/iai.71.2.891-903.2003* *(IF2020:3.441, 5Y IF:3.702_ Citations: 234)* ***Q1***

23. Boleti. H., Karsenti, E. Vernos, I. (2001). The use of dominant negative mutants to study the function of mitotic motors in the in vitro spindle assembly assay in Xenopus egg extracts. *Methods in Molecular Biology*, 164, 173-89. DOI: 10.1385/1-59259-069-1:173 (IF2021:10,710, Citations: 3) **Q3**

24. Boleti, H., Ojcius, D. and Dautry-Varsat, A. (**2000**). Fluorescent labelling of intra-cellular bacteria in living host cells**.** *J. Microbiological Methods*, 1;40 (3): 265-274. DOI: 10.1016/s0167-7012(00)00132-9 (IF2020:2,363, 5YIF:2,24 _Citations: 29) **Q3**

25. Poupel, O., **Boleti H**., Axisa, S., and Tardieux, I. (**2000**). Toxofilin, a novel actin binding protein from *Toxoplasma gondii***,** sequesters actin monomers and caps actin filaments**.** *Mol. Biol. of the Cell*, 11(1): 355-68. doi: 10.1091/mbc.11.1.355 (IF2020:4.138, 5Y IF:4,614; Citations: 74) **Q3**

26. Boleti, H., Benmerah, A., Ojcius, D., Cerf-Bensussan,N., Dautry-Varsat, A. (**1999**). *Chlamydia* infection of epithelial cells expressing dynamin and Eps15 mutants: clathrin-independent entry into cells and dynamin dependent productive growth. *J. of Cell Science*, 112:1487-1496. PMID: 10212143 https://pubmed.ncbi.nlm.nih.gov/10212143/ (IF2020:5.285, 5Y IF: 6.032 _Citations 81) **Q1**

27. Wittmann T., Boleti H., Antony C., Karsenti E, and Vernos I. (**1998**). Localization of the kinesin-like protein Xklp2 to spindle poles requires a leucine zipper, a microtubule associated protein and dynein. ***J. Cell Biol.*** 143 (3), 673-685. **doi: 10.1083/jcb.143.3.673** (IF2020:**10.539**, 5Y IF:10.894_Citations:173)**Q1**

28. Boleti H., Coe, I., Baldwin S.A., Young J.D., Cass C.E. (**1997**). Molecular Identification of the equilibrative NBMPR-sensitive (es) nucleoside transporter and demonstration of an equilibrative NBMPR-insensitive (ei) transport activity in human erythroleukemia (K562) cells. *Neuropharmacology J***.,** 36 (9), 1167-117. DOI: 10.1016/s0028-3908(97)00136-6 (IF2020: 5.251, 5Y IF: 5.283 _ Citations: 77) **Q1**

29. Boleti H., Karsenti E., Vernos I. (**1996**). Xklp2, a new *Xenopus* centrosomal Kinesin Like Protein Required for centrosome separation during mitosis. ***Cell,*** 84: 49-59. DOI: 10.1016/s0092-8674(00)80992-7 (IF20200: 41.584, 5Y IF: 46.899_Citations: 133) **Q1**

30. Karsenti E., **Boleti H,** Vernos, I. (**1996**). The role of microtubule dependent motors in centrosome movements and spindle pole organization during mitosis. Seminars in Cell & Devel. Biol**.,** 7, 367-378 https://doi.org/10.1006/scdb.1996.0046 (IF2020: 7.727, 5Y IF: 7.567_Citations: 29) **Q1**

Published conference proceedings

1. Dadiotis E., Vagiaki L.E., Papakonstantinou A., Cui M., Mitsis V., Melliou E., Logothetis D, **Boleti H**., Sidiropoulou K., Magiatis P. (**2025**) Cannabinoids and olive oil secoiridoids: a fascinating case of synergy. *Phytochemistry Letters*, 69, Supplement, October 2025, 103185 (Part of Special Issue of Internatioanal Congress on Natural Products Research 2024 (ICNPR2024) https://doi.org/10.1016/j.phytol.2025.103185

2. Dadiotis E., Papakonstantinou A., Cui M., Melliou E., Mitsis V., Logothetis D, **Boleti H.**, Magiatis P. (**2025**). Simultaneous extraction and synthesis of new cannabinoid acid esters and their evaluation on TRPA1, cell proliferation and in MDA-MB-231 xenograft model of cancer**.** *Phytochemistry Letters*, 69, Supplement, October 2025, 103846. https://doi.org/10.1016/j.phytol.2025.103846

3. A Papakonstantinou, A Rigakou, P Diamantakos, P Koumarianou, E Frakolaki, N Vasilaki, E Chavdoula, E. Melliou, P Magiatis∗, **H Boleti** (**2022**). New methods of isolation of olive secoiridoids and systematic study of their anti-proliferative/cytotoxic effect on multiple cancer cell lines. Planta Med 2022; 88(15):1541-1542. DOI: 10.1055/s-0042-1759265 (JCI 2022= 0.69) **Q3**

4. Saridaki A, Sapountzis P, Siozios S, Ioannidis, **Boleti, H**., Bourtzis K. (**2008**). *Wolbachia* ankyrins and their potential role on Drosophila-*Wolbachia* symbiosis. *FEBS J***.** 275: 266-266 Supplement: Suppl. 1 (IF2020: 5.542, 5Y IF:5.5_ Citations:_) **Q1**

5. **Boleti H.,** Vernos, I. Karsenti, E. **(1995).** XKLP2, A CENTROSOMAL KINESIN-LIKE PROTEIN FROM XENOPUS ESSENTIAL FOR CENTROSOME SEPARATION IN MITOSIS. Molecular Biology of the Cell, Vol.: 6, p.1466-1466, Suplement: S (IF 2020: 4.138, 5Y IF: 4,164_Citations 0) **Q3**

6. **Boleti, H**. & Cass. C.E. (**1992**). Nitrobenzylthioinosine-insensitive nucleoside transport processes of K562 cells. Proc. Amer. Assoc. Cancer Res., 33:18

7. **Boleti H**., Cass, CE. (**1991**). Nucleoside transport in K562 human erythroleukemia cells. Int. J. Purine and Pyrimidine Res., 2:35

***Theses defended*:**

1. **MSc thesis** Title: **Nucleoside Transport in K562 human leukemia cells**.
   05/06/**1991**, Department of Biochemistry, University of Alberta, Edmonton, Canada. *Supervisor: Dr.C.Cass. Committee members: Drs J Wiener, M. Michalak, J. Young* https://www.bac-lac.gc.ca/eng/services/theses/Pages/item.aspx?idNumber=29028157

2. **PhD thesis** Title: **Molecular and Functional Characterization of Xklp2: a Xenopus Microbutule motor from the Kinesis-Like Protein family**.
   05/07/**1995**, Naturwissenschaftlich-Mathematischen Gesamtfakultät der Ruprecht-Karls Universität, Heidelberg, Germany.
   Supervisors at EMBL: Drs E. Karsenti and I. Vernos. Committee members: Prof Drs K. Simons and F. Wieland

***Reviews-Electronic publications*:**

1. **Boleti H**. & Robotis, J.F (**2004**). Viral Hepatitis. *xPharm 1.0, edited by S.J. Enna dn David, B. Bylund, Published by, Inc. Elsevier. http://www.sciencedirect.com/science/article/pii/B978008055232360875X*
2. **Boleti H.** (**2004**). Chlamydia Infections. *xPharm 1.0, edited by S.J. Enna dn David, B. Bylund, Published by, Inc. Elsevier. http://www.sciencedirect.com/science/article/pii/B9780080552323609286*
3. **Boleti, H.,** Thomaidou, D. (**2004**)**.** Modern imaging techniques of multiple parameter light microscopy. *BIO*, 10: 58-59 (Greek journal for Biotechnology, the environment and the man).

Grants

International

As Scientific responsible

2000-2002: International network of Pasteur Institutes mobility grant
Title: Structural and functional studies of the Hepatitis C non-structural NS4B protein.
Scientific responsible: H. Boleti *Budget (salary and research costs): 73,367€*

2003-2005 ACIP (Actions Concertées des Institus Pasteur)
Title: Etudes des genotypes du virus de l'hepatite C en Asie du Sud-Est et développement de methodes diagnostiques moleculaires spécifiques »

Coordinators: **Dr H. Boleti** - Dr P. Mavromara; *Member Instituts*: Hellenic Pasteur Institue, Institut Pasteur Paris, IP Vietnam, Cambodge, St. Petersbourg *Budget for HPI: 10,000 €*

2013 **RIIP (Institut Pasteur International Network) Regional course:**
Title: "Digital image processing/analysis tools in Light Microscopy: From the basics and beyond"
Coordinator/main organizer: **H. Boleti**; *Budget for HPI: 45,000 €*

2013-2015: **PLATON** Greek French R&T transnational cooperation/GSRT
Title: ***Leish*Phospho*Tox*:** Molecular and functional characterization of specific **phosphatases from** the **anthropozoonotic** intracellular protozoan **parasites *Leishmania donovani*** and ***Toxoplasma gondii*** and investigation of their role in the parasite interaction with host cells; Exploration of their potential as drug targets.
Head of Greek team: **H. Boleti**; *Head of French team:* I. Tardieux *Budget: 30,000 €*

2014-2016 **IKYDA** (State Scholarship Foundation grant for Greek-German Collaboration)
Title: ***Leish*Phospho:** Molecular characterization of specific phosphatases from the protozoan parasites *Leishmania donovani* and investigation of their potential as drug targets.
Head of Greek team: **H. Boleti**; *Head of German team*: M. Kohn; *Budget: 10,000 €*

2016 **RIIP** (Institut Pasteur International Network) **International course:**
Title: "Cell Biology and infection: Digital Image Processing/Analysis Tools for Quantitative Light Microscopy Imaging" *Coordinator/main organizer* - **H. Boleti**; *Budget for HPI: 28,000 €*

2020-2023 **Yersin Calmette Doctoral Fellowship, Institut Pasteur International Network**.
Fellowship awarded to Mr Daniel Carrasco Navarro. Start date: 1/10/2020
Supervisor of PhD student: **H. Boleti**; *Grant duration: 36 months;* *Budget: 60,000€*

2022 **EMBO scientific exchange grant** supporting international collaborations, enabling transfer of expertise (#9372) awarded to the PhD student Olyvia Tziouvara.
Project title: Generation of TyrPIP_22 *L. major* KO parasites. Supervisor at the U. of Glasgow: Dr Eva Gluenz. Supervisor in HPI**:** Dr H. Boleti. Grant initiation date**:** 25 April 2022. Grant duration: 39 days. Budget: 3,000 €

As collaborator/member of the scientific teams

2003-2005 **INSERM-FRANCE**
Title: New molecular tools for the purification of human primary hepatocytes infected with HCV: approaches for the study of molecular interactions between HCV and its cellular host in presence or in the absence of an antiviral treatment». Collaboration with the Hepacivirus lab: Institut Pasteur Paris
Budget for H. Boleti: 5,000 €

2003-2006 **PTR** (Program Transversaux-Institut Pasteur
Title: Implications of HCV diversity in the diagnosis and pathogenesis of virus infection
Coordinator: P. Mavromara-Molecular Virology lab - Hellenic Pasteur Institute *Member Institutes*: Hellenic Pasteur Institut, Insitut Pasteur Paris and Pasteur Institutes of Cambodge, Vietnam, St. Petersburg, Cameroun, Romania

2015-2017 **Institut Pasteur International Network Program ACIP**:

Title: "Identification of broad-spectrum naturally derived inhibitors against hepatotropic viruses (DENV, YFV, HBV) under culture conditions simulating liver normoxic and metabolic microenvironment. The interplay between virus and hepatic normoxia as a possible disease determinant". *Coordinator:* Dr Niki Vasilaki. *Collaborating Institut Pasteur (IP) partners*: C. Neuveut (IP Paris, Unité des Hépacivirus et Immunité Innée), M. Windisch (IP Korea, Applied Molecular

Virology), Prof. P. Mavromara (HPI, Molecular Virology), **Dr H. Boleti** (HPI, Intracellular Parasitism and Light Microscopy Unit). *Other collaborators:* Prof. R. Bartenschlager (Department of Infectious Diseases, Heidelberg, Germany), Prof. A. L. Skaltsounis (Professor and President of Faculty of Pharmacy, Athens, Greece), Prof. Zoidis (Faculty of Pharmacy, Athens, Greece)

Greek government or HPI funded programs

As Scientific responsible/coordinator

2002-2004 Hellenic Pasteur Institute Research grant
Title: Development of molecular and cellular tools for the study of the biochemical properties and the biological function of the NS4B non-structural protein of the Hepatitis C virus
Personal grant for H. Boleti; *Budget: 10.000,00 €*

2004-2006 Competitive grant from the Greek General Secretariat of Research and Technology in the context of the European program "Human Networks for training in Research and Technology" –Establishment of the *Greek Light Microscopy Network. Title:* "Applications of Light Microscopy in Biomedical research and Diagnosis" Collaboration with the U. of Ioannina & the U. of Crete
Coordinator of the project and of the Network: H. Boleti*;* *Budget: 68.000,00 €*

2008-2010 Hellenic Pasteur Institute Research grant
Title: Phagocytosis of intracellular pathogens by neutrophils and macrophages. The role of apoptotic neutrophils in the establishment of infection.
Scientific Responsible: H. Boleti, *Budget: 8.000,00 €*

2019-2021 Ministry of Development and Investment/grant Code EBBM103."Supporting researchers with emphasis on young researchers – B cycle"-"Human Resources Development, Education and Lifelong Learning" on Priority Axis 6, co-funded by the European Social Fund (ESF).
Title**:** *In vitro* study of the anticancer properties of polyphenols from Greek olive oil. *Coordinator*: H. Boleti; *Duration*: 15 months *Budget: 45.500,00 €*

2019-2023 **H.F.R.I** (Hellenic Foundation for Research and Innovation) PhD grant (*Olympia Tziouvara*)
Title: "PI phosphatases and PI binding proteins of the *Leishmania* protozoan parasite: Characterization of two representative molecules and study of their role in the parasite life cycle and in the infection of the mammalian host"
Supervisor of PhD student: **H. Boleti**; *Grant duration: 30 months;* *Budget: 27.000,00 €*

2023 Service contract from the Peloponnese State District-National Recovery and Resilience Fund (project code 7-6-29-03). Project title: « *Ex vivo* and *in vivo* preclinical study of the contribution of extra virgin polyphenolic olive oil to cancer prevention and well-being ». Scientific responsible: Dr H. Boleti. Grant initiation date: Dec. 13, 2023. Grant duration**:** 18 months. Budget: 30,000 €

2024-2027 Nostos Foundation/Hellenic Pasteur Institute PhD fellowship
Title: Identification, evolutionary path analysis and structural and functional characterization of proteins with structural phosphoinositide binding domains in parasitic protozoa *Leishmania* and *Trypanosoma*
Predoctoral Fellow: Marina Petsana. Supervisor of PhD student: H. Boleti
Grant duration: 36 months *Budget: 32.400,00* €

As collaborator, member of the scientific team

2006-2007 Grant from General Secretariat of Research and Technology in the context of the Program "**OPEN DOORS**" Member of the scientific team. Organization of courses for Secondary school education teachers. *Budget of this activity of the project: 8.000,00 €*

2012-2015 **THALIS** grant. Ministry of Education Lifelong Learning and Religion
EVOTRANS, Membrane transport: Structure-function and evolutionary relationships. WP1. Study of the NAT/NCS2 transporters expressed in different organisms to understand how highly homologous transporters assume strikingly different specificities within the same family and how distantly related transporter of different families share common binding-site architectures and motifs. **WP1.2** Epxresion of the homologous NAT mammalian transporters in the *Leishmania tarentolae* organism.
Budget for 'Intracellular parasitism team: 40,000.00 €

2013-2015 **KRIPIS I**: DEVELOPMENT GRANTS FOR RESEARCH INSTITUTIONS/Greek GSRT
Title: Infectious Diseases and Neurodegenerative in the 21st century. From the study of basic mechanisms in the development of translational research and cutting edge methodologies targeting diagnosis, prevention and treatment. **Subproject EE2.5**: Mechanisms of *L. donovani* parasite survival in host macrophages and identification of virulence factors. Subproject **EE 4.5**: Identification, validation characterization of potential molecular targets for anti-leishmanial drug development.
Budget for 'Intracellular parasitism team: 68.180,00 €

2017-2019 **KRIPIS II**: DEVELOPMENT GRANTS FOR RESEARCH INSTITUTIONS/Greek General Secretariat for Research and Technology
Title: "Infectious, autoimmune and neurodegenerative diseases: study of the pathogenetic mechanisms and development of diagnostic, prognostic and therapeutic approaches" **Subproject IIE 3.3**: Structural and functional characterization of the Tyrosine and Phosphoinositide phosphatase *Ld*TyrPIP_22 of the protozoan parasite *Leishmania donovani* (M4-M24) with aim to point out new chemotherapeutical targets from antileismanial drugs (Coordinator Hellenic Pasteur Institute).
Budget for 'Intracellular parasitism team: 22.900,00 €

2018-2020 **BIOIMAGING GR**: "Hellenic Research Infrastructure for the Imaging and Observation of Fundamental Processes in Biology and Medicine" (MIS 5002755) under the Action "Reinforcement of the Research and Innovation Infrastructure", funded by the Operational Program "Competitiveness, Entrepreneurship and Innovation" (NSRF 2014-2020) and co-financed by Greece and the European Union (European Regional Development Fund). *Responsible for 2WPs of the HPIs participation in the Infrastructure Network.* *Budget for 'Intracellular parasitism team: 30.702,00 €*

2018-2020 **«INSPIRED**: The National Research Infrastructure on Integrated Structural Biology, Drug Screening Efforts and Drug target functional characterization. MIS code 5002550 WP.2.1, WP 2.2

Sponsorships and Funding from private institutions

2011 Sponsorship from Genesis Pharma pharmaceutical company to the Intracellular parasitism research group supporting research on the investigation of mechanisms by which the protozoan parasite *Leishmania donovani* infects humans and domestic animals and causes the disease of Kala azar
Scientific responsible: H. Boleti; *Budget for 'Intracellular parasitism team': 15.000,00 €*

2014 Sponsorship from Abbvie Pharmaceutical Company to the "Intracellular parasitism" group supportining its research projects against Leishmaniasis.
Scientific responsible: H. Boleti; *Budget for 'Intracellular parasitism team': 5.000,00 €*

2019 Donation from WORLD OLIVE CENTER FOR HEALTH (WOCH) for the study **"***In vitro* study of the anticancer properties of polyphenols from Greek olive oil"
Scientific responsible: H. Boleti; *Budget: 4.500,00 €*

2021 **Leventis foundation 1 Year PhD fellowship [**WORLD OLIVE CENTER FOR HEALTH (WOCH)]

to the PhD candidate Katerina Papakonstantinou *Scientific responsible:* H. Boleti; *Budget: 10.040,00 €*

As collaborator, member of the scientific team

2016-2017 **Asklepios Gilead Sciences Hellas grant 2016:** "Characterization of new synthetic and natural compounds with broad-spectrum anti-viral activity as inhibitors of Hepatitis B virus in a cell culture

model simulating the *in vivo* normoxic microenvironment. Importance of liver normoxia for HBV replication and the efficiency of inhibitors" *Scientific responsible*: Dr. Niki Vasilaki; *Collaborators:* C. Neuveut (IP Paris, Unité des Hépacivirus et Immunité Innée), M. Windisch (IP Korea, Applied

Molecular Virology), A. L. Skaltsounis, G. Zoidis and V. Myrianthopoulos (Faculty of Pharmacy, University of Athens, Greece), H. Boleti (HPI, Intracellular Parasitism and Light Microscopy Unit

Teaching Experience

Over the course of my training and work, I have acquired significant teaching experience.
It consists of:

- **Supervision** of
- **6 PhD** theses [4 *defended: Nov 2008 (shared PhD student in collaboration with Dr K. Bourtzis, U. of Ioannina), April 2015, 2023 and 2023),.Two ongoing,*
- **8 MSc** theses [defended in: Jan. 2014 (U. of Athens), Jan. 2015 (U. of Athens), June 2015 (U. of Montpellier), March 2017 (U. of Athens) and June 2017 (U. of Grenoble) and May 2021 (U. of Athens)],
- **4 diploma** theses and practical training of 12 other post-graduate and undergraduate students https://www.pasteur.gr/index%2ephp/el/endokyttarios-parasitismos
- **Formal lectures** and seminars directed towards postgraduate students pursuing a career in Biochemistry and Medicine and laboratory technicians
- **Practical teaching** in the laboratory to both Biochemistry, Medicine and Dietetics undergraduate students and postgraduate students on subjects related to Biochemistry, Molecular and Cell Biology as well as Light Microscopy techniques.
- **Teaching** of Secondary Education teachers on advances in biosciences (https://www.pasteur.gr/epimorfotika-seminaria-erevnas-ke-technologias/).
  - **Lectures** on "Study of the cellular anatomy with advanced Imaging techniques of Fluorescent microscopy", Chemistry Department, MSc in "Biochemistry", University of Athens
  - **Lectures** on the "Biotechnological applications of the system of *Leishmania tarentolae"* (Biology Department, MSc in "Microbial Biotechnology" University of Athens and Medical School, University of Ioannina, MSc in Molecular-Cellular Biology and Biotechnology)
  - **Lectures** "Molecular Mechanisms of the host cells targeted by intracellular pathogens**"** Biology Department, MSc in "Applications of Biology in Biomedical research", University of Athens)
  - **Lectures** "The technology of Fluorescent proteins. From the jellyfish and corrals to the laboratories of Biology and Medicine**"**, Medical School, MSc in "Biotechnology", University of Ioannina) and in Bioimaging symposia (http://mgn.upatras.gr/bioimaging2010/).
  - **Member** of four 3-member PhD committees and of one 7-member PhD committee

Management/Organization Experience

Organization of Conferences/Courses/Workshops

- **Organizer** of a Practical Workshop on Light Microscopy. A workshop addressed to scientists working at the Pasteur Institute in Paris. With the collaboration of ZEISS, Leica and Photonic Science (Paris, April **1998**).
- **Organizer** of Practical Workshops on "Applications of Light Microscopy on Biomedical Research and Diagnosis" addressed to Biologists and Medical Doctors in Greece. Hellenic Pasteur Institute (Athens, May **2004** and April **2005**)
- **Coordinator** of a series of workshops on Light Microscopy in the context of a program financed by the Greek General Secretariat of Research and Technology in the context of the European program "Human Networks for training in Research and Technology". As a result, The Greek Light Microscopy Network was established having as members the universities of Ioannina, Crete and Athens, the Hellenic Pasteur Institute, the Institute for Biomedical Research in Ioannina and three private companies (**2004-2006**) (https://www.pasteur.gr/epimorfotika-seminaria-erevnas-ke-technologias/

- **Organizer** of three day workshops for secondary education teachers with the aim of offering training and information about the recent advances in the biomedical sciences in the context of the program "Open Doors" financed by the Greek Ministry of Development, Division for Research and Technology. The project was developed in collaboration with EMBL (**2005-2007**) https://www.pasteur.gr/epimorfotika-seminaria-erevnas-ke-technologias/
- **Co-organizer** of the **SET ROUTES** event **"**Opening Gateways to Science with Invited international speakers from research and science politics who talked about their career paths and their experiences on working in different scientific areas. The event was aimed at university undergraduate and post-graduate students and scientists from all levels http://www.set-routes.org/university/calendar/athens_nov08/index.html
- **Coordinator** of 3 different projects for the construction and scientific responsible of the Hellenic Pasteur Institute website. www.pasteur.gr (**2009-2020**)
- **Organizer** of two Institut Pasteur International Network regional and international courses on Digital Image Processing/Analysis Tools for Quantitative Light Microscopy Imaging (10-17 June 2013; https://www.pasteur.gr/monada-fotomikroskopias/) and (July 4-8, **2016**; https://www.pasteur.gr/monada-fotomikroskopias/)

Awards/Honors

- Excellence Award from the Greek Ministry for Education for the academic year ***1982-1983***
- The Greek Canadian Association Scholarship ***1988***
- Graduate Teaching Assistantship and Research Assistantship, Dep. of Biochemistry, U. of Alberta. ***1987-1991***
- EMBL pre-doctoral Fellowship ***1991-1995***
- EMBL post-doctoral Fellowship ***1995-1996***
- EMBO post-doctoral Fellowship ***1996-1998***
- TMR post-doctoral Fellowship ***1997-1999***
- Post-doctoral Fellowship Fondation pour la Recherche Médicale (FRM) ***1998-1999***
- Post-doctoral Fellowship Association pour la Recherche contre le Cancer (ARC) ***1998-1999***
- Mobility Research grant, The Pasteur Institute, Paris, France ***2000-2002***
- EMBO short-term Fellowship ***2000***
- Fellowship from the French Embassy in Greece (EGIDE) ***2005***
- Poster award **2016**
  at the 67º Panhellenic conference of the Hellenic Society of Biochemistry and Molecular Biology, Ioannina, (25-27 Nov. 2017). Title: *Ld*PIBPnex, a secreted nexin-like protein from the protozoan parasite *Leishmania donovani. Authors:* Drosos Kourounis, Amalia Papadaki, Olympia Tziouvara, Haralabia Boleti, Intracellular parasitism group, Hellenic Pasteur Institute

Memberships

- Founding member of the Greek Bioimaging Society (*recognized legally in spring 2016*)
- Member of the Hellenic Society of Biochemistry and Molecular Biology.
- Member of the Comité d'Animation Scientifique Internationale-Advisory Scientific committee-(COMASI) of the International Network of the Pasteur Institutes and Associated Institutes **2002-2005**). The committee evaluated applications for the organization of international courses within the Pasteur Institute network as well as research proposals submitted for funding at the Direction des Affaires Internationales of the Institut Pasteur, Paris.
- SET-ROUTES School & University ambassador http://www.set-routes.org/
- Member of scientific committees for the organization of Microscopy meetings (ELMI meeting **2011**)
- Member of the Jury for the 6th international scientific film festival. November **2011**, Athens (http://www.caid.gr/isffa/about.html)

Conference participation

1. MWO International Conference, Ancient Olympia 4-6/6/2026. *Invited speaker:* Olive Oil in Cancer Prevention: Epidemiological Evidence and Experimental facts.
2. International Congress of Natural products research. Kraków July 14-17, 2024.
   Oral Presentation: Cannabinoids and olive oil secoiridoids: a fascinating case of synergy.
   Authors: Dadiotis E, Vagiaki L.E, Papakonstantinou A, Cui M, Mitsis V, Melliou E, Logothetis D, Boleti, H, Sidiropoulou K, Magiatis P.
   Poster: Simultaneous extraction and synthesis of new cannabinoid acid esters and their antitumor activity through TRPA1 modulation.
   Authors: Dadiotis E, Papakonstantinou A, Cui M, Melliou E, Mitsis V, Logothetis D, Boleti H, Magiatis P.
3. 73rd Hellenic Congress of Greek Society of Biochemistry and Molecular Biology, 1 - 3 Dec., Athens 2023.
   Poster: Kinetoplastea PX domain containing proteins: an in-Silico Study Uncovering Unique Architectures and Evolutionary Conservation. *Authors*: Petsana M., Roumia A. F, Bagos P.G, Boleti H., Braliou G.G
4. 72nd Hellenic Congress of Greek Society of Biochemistry and Molecular Biology, 2-4 Dec. Patras 2022.
   Poster: Stable expression of SARS CoV-2-E protein in HEK-293 cells, study of its localization and confirmation of its biological function. *Authors*: Tasakou M, Filippopoulou E, Tziouvara O, Galani M, Dimitriou M, Chatzipanagiotou S, Karakasiliotis I, Poulopoulou C, Mavromara P, Boleti H.
5. EMBO Workshop "New frontiers in host-parasite interactions, from cell to organism" Six-Fours-les-Plages, France, 02-05 October **2022.**
   *Poster: Ld*PIBPsnx: The First Sorting Nexin characterized in *Leishmania* protists". *Authors:* Tziouvara O, Petsana M, Kourounis D, Papadaki A, Basdra E, Braliou GG, Boleti H
6. 71st Hellenic Congress of Greek Society of Biochemistry and Molecular Biology, 26-28 November **2021** Athens Greece.
   Oral Presentation: "*Ld*PIBPsnx: The First Sorting Nexin in Leishmania".
   Authors: Tziouvara O, Petsana M, Kourounis D, Papadaki A, Basdra E, Braliou GG, Boleti H.
7. "Molecular basis of infections" Virtual Hellenic Congress of Greek Society of Biochemistry and Molecular Biology, 20 May 2021.
   Oral presentation: The *Leishmania donovani* Tyrosine and PI Phosphatase *Ld*TyrPIP_22. *Authors:* Tziouvara O, Koumarianou P, Boleti H.
8. ISCB-Africa ASBCB Conference on Bioinformatics **2021**
   Poster: Phylogenetic and structural analysis of the PX domain containing PhosphoInositide (PI) binding proteins in Kinetoplastida
   Authors: Petsana MV, Roumia AF, Bagos PG, Boleti H, Braliou GG.
9. 20th International congress of the International Society of Ethnopharmacology, virtual congress 18-20 April 2021
   i. *Poster:* Evaluation of the antiproliferative/cytotoxic action of olive oil polyphenols on human breast cancer. *Authors:* Papakonstantinou A, Koumarianou P, Melliou E, Magiatis P, Boleti H.
   ii. *Poster:* Evaluation of antiproliferative/cytotoxic action of olive oil polyphenols on human melanoma cancer. Authors: Koumarianou P, Papakonstantinou A, Melliou E, Magiatis P, Boleti H.
10. 2nd International Caparica Conference on *Leishmania* 2020, Caparica, Portugal (26th- 28th Oct. 2020)
    Invited oral presentation: Leishmania tarentolae as a model organism for heterologous expression of mammalian multi spanning membrane transporters. Pros and cons.
    Authors: Boleti H, Doukas A, Friligos S.
11. 11th Hellenic Congress of Immunology, Athens 5-7 Dec. 2019
    Oral presentation: Confocal Microscopy; *Invited speaker: Boleti H.*
12. 67th Conference of the Hellenic Society of Biochemistry and Molecular Biology, Ioannina, (25-27 Nov. 2016)
    *Poster (prize): Ld*PIBPnex, a secreted nexin-like protein from the protozoan parasite *Leishmania donovani.* Authors: Kourounis D, Papadaki A, Tziouvara O, Boleti H**.**
13. 67th Conference of the Hellenic Society of Biochemistry and Molecular Biology, Ioannina (25-27 Nov. 2016)
    Poster: Study of LdTyrPIP_22, a Tyrosine and Phosphoinositide Phosphatase from Leishmania donovani.
    Authors: Tziouvara O, Kotopouli A., Papadaki A, Boleti H.

14. 66th Conference of Hellenic Society for Biochemistry & Molecular Biology. Athens (11-13 Dec. 2015).

Oral presentation: Biochemical characterization and subcellular localization of the tyrosine and phosphoinositide dual specificity phosphatase *Ld*PIP22, a potential drug target from *Leishmania donovani*. *Authors:* Papadaki A, Kotopouli A, Doukas A, Rios P, Tziouvara O, Koehn M, Boleti H

15. Scientific Symposium of the Institut Pasteur International Network. Paris, France (10-13 Sept. 2014). *Poster:* The *Leishmania* membrane bound Histidine Acid Phosphatases (HAcPs) as putative virulence factors; Characterization of the *Ld*MAcP, a Histidine Acid ecto-phosphatase from *L. donovani*. *Authors*: Papadaki A, Boleti H.

16. 64th Conference of Hellenic Society for Biochemistry and Molecular Biology. Athens, Greece (6-9 Dec. 2013). *Poster*: Heterologous expression of the mammalian nucleobase transporter rSNBT1 in the LEXSY *Leishmania tarentolae* protein expression system. *Authors:* Doukas A, Papakostas K, Papadaki A, Frillingos S, **Boleti H**.

17. Cost Action CM0801, 4th Annual Meeting. Crete (Sept. 19-21 2012).
1) *Poster:* Study of specific Leishmania Atypical Lipid Phosphatases (ALPs) as putative virulence factors for parasite survival in host phagocytes and as potential drug targets. *Authors:* Kotopouli A, Papadaki A, Doukas A, Papadakos K, Sgouras D, Galanopoulou N., Boleti H
2) *Poster*: Leishmanicidal activity assessment of olive tree extracts; Oleuropein, a powerful antioxidant is able to promote *L. donovani* cell death. Authors: Ioannis Kyriazis, Despina Smirlis, Papadaki A, Aligiannis N, Polychronopoulos P, Skaltsounis A.L, Dotsika E.

18. 62nd Conference of Hellenic Society for Biochemistry and Molecular Biology. Athens, Greece (9-11 Dec. 2011). *Poster:* Study of specific *Leishmania* histidine acid phosphatases as putative virulence factors for parasite survival in host phagocytes and as potential drug targets. *Authors*: Papadaki A, Smirlis D, Kourou, K, Politou AS, Boleti H.

19. Scientific International Meeting of Young Researchers from RIIP, Institut Pasteur, Paris, France (10 Nov. 2011). *Commented Poster (oral presentation*): Phosphoinositide involvement in *Leishmania donovani* phagocytosis by Raw 264,7 macrophages. *Authors:* Papadaki A, Boleti H.

20. 60th Conference of the Hellenic Society of Biochemistry and Molecular Biology. Athens, 20-22 Nov. 2009
Poster: Generation of transgenic *Leishmania donovani* expressing the Red Fluorescent protein mRFP1: a tool for in vivo imaging of the parasite host cell interaction
Authors: Kotini M, Papadaki A, Smirlis D, Soteriadou K, DiallinasG, & Boleti H.
Affiliations: Molecular Parasitology Lab. & Light microscopy Unit Hellenic Pasteur Institute & Biology Dep. of Kapodistrian University of Athens, Botany Dep.

21. 60th Conference of the Hellenic Society of Biochemistry and Molecular Biology, Athens, 20-22 Nov. 2009
Poster: Phosphoinositide involvement in *Leishmania donovani* phagocytosis by Raw 264,7 macrophages
Authors: Amalia Papadaki, Kotini M, Smirlis D, Pizarro-Cerda J, Soteriadou K & Boleti H. *Affiliations:* Molecular Parasitology Lab. and Light Microscopy Unit, Hellenic Pasteur Instiute, Unité des Interactions Bactéries-Cellules, Institut Pasteur Paris

22. 4th World congress in Leishmaniasis**,** Lucknow, India, 3-7 Feb. 2009
Oral presentation: The leishmanial Ran-GTPase system reveals an atypical Ran network
Authors: Smirlis D, Boleti H, Gaitanou M, Soteriadou K. *Affiliations:* Molecular Parasitology Lab., Microbiology Dep., Cellular and Molecular Neurobiology Lab., Biochemistry Dep., Hellenic Pasteur Institute

23. 1st Conference «MIKROVIOKOSMOS», Athens, 12-14 Dec. 2008
Poster: Wolbachia safe sex: The triggering factor for speciation, ecological diversity and applications.
Authors: Saridaki, P[1]. Sapountzis, S[1,2]. Siozios, P. Ioannidis[1], H. Boleti[2], S. Zabalou[3], C. Savakis[4] and K. Bourtzis[1]. Biochemistry and Molecular Biology Laboratory, Department of Environmental and Natural Resources Management, University of Ioannina, Agrinio; Molecular Parasitoloty Unit & Light Microscopy Unit, Hellenic Pasteur Institute, Athens, Greece.

24. 23rd International conference of Entomology (ICE) Durban, S. Africa, 6-12 Jul. 2008
1*) Oral presentation*: Insect-*Wolbachia*-WO phage tripartite symbiotic interaction: exploring the role of phage.
Authors: Sapountzis P. Boleti H, Bordenstein S., Bourtzis K.
2) *Oral presentation:* Drosophila-*Wolbachia* symbiotic interactions: exploring the role of ankyrins.

Authors: Sapountzis P, Siozios S, Ioannidis P, Saridaki A, Boleti H, Bourtzis K.

25. 33rd FEBS conference, Athens, Jun *28-Jul. 3,* 2008

Poster: *Wolbachia* ankyrins and their potential role on *Drosophila-Wolbachia* symbiosis.

Authors: Saridaki[1], P. Sapountzis[1,2], S. Siozios[1], P. Ioannidis[1], H. Boleti[2], and K. Bourtzis[1]-

*Affiliations:*Biochemistry and Molecular Biology Lab., Dep. of Environmental and Natural Resources Management, Univ. of Ioannina, Agrinio; Molecular Parasitoloty Unit & Light Microscopy Unit, Hellenic Pasteur Institute, Athens

26. 5th International conference of *Wolbachia.* Kolympari, Crete, Greece, Jun. 9-14, 2008

1) *Poster:* A novel tool to study insect-*Wolbachia*-phage interactions.

Authors: Sapountzis P, Boleti H, Bordenstein SR, Bourtzis K.

2) *Poster*: Drosophila-*Wolbachia* symbiotic associations: exploring the role of wRi ankyrins.

Authors: Sapountzis P, Siozios S, Ioannidis P, Saridaki A, Boleti H, Andersson S & Bourtzis K.

27. 30th Annual Scientific conference of Greek Society of Biological Sciences. Thessaloniki, May 22-24, 2008

Oral Presentation: Study of ER Anchoring and Retention sequences of the HCV virus NS4B protein:Fusion of NS4B with the plasma membrane enzyme CD39 reveals an experimental system for the recognition of ER retention signals.

Authors: Boleti H[1,2], Smyrlis D[2], Christophoridis S[3], Mavromara P[4]. *Affiliations:* [1]Light Microscopy Unit,[2]Molecular Parasitology Lab., [4] Molecular Virology Lab., Hellenic Pasteur Institute, [3]Biological Chemistry Lab., Medical School Ioannina & Biomedical Research Institute, FoRTH, Ioannina

28. 59th Congress of Greek Biochemical Society, Athens, 7-9 Dec. 2007

*Oral Presentation***:** The leishmanial Ran-GTPase system reveals an atypical Ran network

Authors: Smirlis D[a], Boleti H[a], Gaitanou M[b], Soteriadou K[a]. *Affiliations: [a] Molecular Parasitology Lab., Microbiology Dep., [b]Laboratory of Cellular & Molecular Neurobiology, Biochemistry Dep., Hellenic Pasteur Institute.*

29. Light Microscopy Day. Greek Network of Light Microscopy & Hellenic Pasteur Institute. Athens, 21 Jan. 2006

*Oral presentation***:** When the microbes conquer the host cells. Authors: *Boleti H*

30. 57th Congress of Greek Biochemical Society. Athens, 9-11 Dec 2005

Oral Presentation: Signals for insertion and retention of the NS4B Hepatitis C virus protein to the endoplasmic reticulum. *Authors:* Boleti H, Ntalagiorgou G, Mavromara P.

Affiliations: Molecular Virology Lab.-Hellenic Pasteur Institute

31. 57th Congress of Greek Biochemical Society. Athens, 9-11 Dec. 2005

Poster: Lotus japonicus: Nodule expressed putative polyol transporters

Authors: Kaliampakou KI[1], Efrose RC[2], Demou M, Stedel C[1], Boleti H[3], Flemetakis E[1], Katinakis P.[1]

Affiliations:[1]Agricultural Univ. of Athens, Dep of Agriculture Biotechnology[2], National Research Centre Democritus,[3] Hellenic Pasteur Institute, Microbiology Dep.

32. Congress of the International Network of Pasteur Institutes. Ho-Chi-Minh-Ville, Viet-Nam, 22-24 Oct 2001

Oral presentation (Invited speaker): Interaction of the Hepatitis C virus with its host cells: Study of the non-structural NS4B protein.

Authors: Boleti H, Mavromara P. *Affiliations:* Molecular Viorology Lab., Hellenic Pasteur Institute

33. 1*st* Conference of ELSO *(European life sciences Organization).* Geneva, Switzerland, 2-6 Sep.2000

Poster: Vesicular traffic between the *C. psittaci* inclusion and Golgi intersects a retrograde traffic pathway between Golgi and ER.

Authors: Boleti H, Ojcius D, Dautry Varsat A. *Affiliations:* Unité de Biologie des Interactions Cellulaires, Institut Pasteur, Paris.

34. 3rd Conference of EMBO fellows. Heidelberg, Germany, 11-13 Jul 1999

Oral presentation: Expression of dynamin and Eps15 mutants had no effect on the entry of *Chlamydia* into epithelial cells but the dynamin mutant inhibited the *Chlamydia* productive growth.

Authors: Boleti H, Ojcius D, Dautry Varsat A.

Affiliations: Unité de Biologie des Interactions Cellulaires, Institut Pasteur, Paris.

35. 2nd Conference of ECBO *(European Cell Biology Organization).* Bologna, Italy 8-11 May, 1999

Poster: *Chlamydia* entry into epithelial cells is independent of dynamin or Eps15 function but the productive growth of *Chlamydia* is inhibited by a dynamin I mutant.

Authors: Boleti H, Ojcius D, Dautry Varsat A.
Affiliations: Unité de Biologie des Interactions Cellulaires, Institut Pasteur, Paris.

36. 2nd Conference Louis Pasteur in Infectious diseases. Paris, France, 8-10, Oct 1998.
Poster: Characterization of *Chlamydia* entry into epithelial cells.
Authors: H. Boleti D. Ojcius, A. Dautry Varsat.
Affiliations: Unité de Biologie des Interactions Cellulaires, Institut Pasteur, Paris.

37.25th Annual conference of the Greek Biochemical Society, Athens, 10-11 Jan 1997
Oral presentiation: Biochemical characterization of a new Microtubule motor protein from the kinesin family.
Authors: Boleti H, Verno I, Karsenti E.
Affiliations: Cell Biology Dep., EMBL, Heidelberg, Germany

38.18th Annual conference of the Greek Society of Biology, Kalamata, Greece, 17-19 Apr. 1996
Oral presentation: Xklp2, a microtubule motor protein from *Xenopus laevis* is essential for mitotic spindle assemply.
Authors: Boleti H, Vernos I, Karsenti E.
Affiliations: Cell Biology Dep., EMBL, Heidelberg ,Germany

39. Congress of the American Society of Cell Biology, Washington D.C. Η.Π.Α. 11-14, Dec 1995
Poster: Xklp2, A *Xenopus* Kinesin-Like Protein localised on centrosomes and the mitotic spindle, is essential for bipolar spindle assembly.
Authors: Boleti H, Vernos I, Karsenti E.
Affiliations: Cell Biology Dep., EMBL, Heidelberg ,Germany

40.4th European conference of Cell Biology. Prague, Chech Republic, 26 Jun-1 Jul 1994
Poster: Xklp2, a *Xenopus* "KLP" localized on the centrosome and mitotic spindle.
Authors: Boleti H, Vernos I, Karsenti E.
Affiliations: Cell Biology Dep., EMBL, Heidelberg ,Germany

41.ENII (European Network of Immunology Institutes) Congress. Les Embiez, France, 20-24 May 1992
Poster: Intracellular transport and processing of the MHC class II glycoproteins and the associated invariant chain.
Authors: Boleti H, Dobberstein B.
Affiliations: Cell Biology Dep., EMBL, Heidelberg, Germany

42.6th International Congress on Differentiation of Normal and Neoplastic cells. Vancouver, Canada, 29 July-2 Aug. 1990
Poster: Nucleoside transport in K562 human leukemia cells.
Authors: Boleti H, Cass CE.
Affiliations: Biochemistry Dep., Univ. of Alberta, Canada