

# Christos G. Gkogkas, PhD

**Researcher B'** FORTH-IMBB-Division of Biomedical Research, Ioannina, Greece

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## Positions-Training

- 2019-** **Researcher B' (Principal Investigator), FORTH-IMBB-BR, Greece**  
Foundation of Research and Technology (FORTH), Institute of Molecular Biology and Biotechnology (IMBB), Division of Biomedical Research (BR), Ioannina, Greece
- 2013-2019** **Chancellor's Fellow, University of Edinburgh, UK**  
Edinburgh Medical School, Centre for Discovery Brain Sciences and The Patrick Wild Centre for Research into Autism, Fragile X Syndrome and Intellectual Disability, Edinburgh, UK
- 2009-2013** **Postdoctoral Fellow in Biochemistry, McGill University, Canada**  
Biochemistry Department and Goodman Cancer Centre, McGill University Montréal, QC, Canada
- 2013** **Postdoctoral Training visit; Molecular Neuroanatomy, OIST, Japan** Allen Brain Institute and Okinawa Institute of Science and Technology (OIST), Okinawa, Japan; Supervisors: Prof. Charles Watson, Prof. John Rubenstein and Prof. George Paxinos
- 2012** **Postdoctoral Training visit; Translational profiling, UCSF, USA** University of California San Francisco, USA; Supervisor: Prof. Jonathan Weissman
- 2012** **Postdoctoral Training visit; Neuronal gene-expression analysis, UCSF, USA** University of California San Francisco, USA; Supervisor: Prof. Davide Ruggero
- 2006** **Pre-doctoral training in Molecular Neuroscience, CSHL, USA** Advanced Techniques in Molecular Neuroscience, Cold Spring Harbor Laboratory, USA;

## Education

- 2009** **PhD in Molecular Neuroscience**  
Medical School, **University of Edinburgh, UK**  
*"Mechanisms of Cell Pathology in an Inherited Form of Motor Neuron Disease"*
- 2005** **MSc by Research in Neuroinformatics,**  
School of Informatics, **University of Edinburgh, UK**
- 2004** **BSc in Biology**  
Biology Department, **National and Kapodistrian University of Athens, Greece**

## Awards, Honors and Fellowships

- 2017-2019** **NARSAD Young Investigator, Brain and Behavior Research Foundation, USA**

2015-2020	Sir Henry Dale Young Investigator Fellowship, <i>Wellcome Trust</i> and <i>Royal Society</i> , UK
2013-2018	<i>Chancellor's Fellowship</i> , University of Edinburgh, UK
2013	<i>Marilyn Wener Award of Excellence</i> , McGill University, Faculty of Medicine
2013	<i>Medstar Award (Excellence in Research)</i> , McGill University, Faculty of Medicine
2010-2011	<i>Conrad F. Harrington Postdoctoral Fellowship</i> , McGill University, Faculty of Medicine
2008	<i>Best Poster Prize</i> , by Organon, UK, Edinburgh Neuroscience Day "Motor Neuron Disease and the Endoplasmic Reticulum"
2006	<i>Cold Spring Harbor Laboratory Award</i> , USA, Advanced Techniques on Molecular Neuroscience
2005-2008	<i>Principal's PhD Scholarship</i> , University of Edinburgh, UK
2004-2005	<i>Principal's Awards for MSc in Neuroinformatics</i> , University of Edinburgh, UK
2004-2005	<i>MRC/EPSRC MSc in Neuroinformatics Fellowship</i> , UK

### Publications (peer-reviewed 38) Google Scholar: h-index=24; 2312 citations

1. Simbriger K., Amorim I. S., Lach G., Chalkiadaki K., Kouloulia S., Jafarnejad S. M., Khoutorsky A. and **Gkogkas C. G.** Uncovering memory-related gene expression in contextual fear conditioning using ribosome profiling. *Prog Neurobiol.* 2020 Aug 26:101903. doi: 10.1016/j.pneurobio.2020.101903.
2. Simbriger K., Amorim I. S., Chalkiadaki K., Lach G., Jafarnejad S. M., Khoutorsky A. and **Gkogkas C. G.** Monitoring translation in synaptic fractions using a ribosome profiling strategy. *J Neurosci Methods.* 2020 Jan 1;329:108456. doi:10.1016/j.jneumeth.2019.108456
3. Atlasi Y., Jafarnejad S. M., **Gkogkas C. G.**, Vermeulen M., Sonenberg N., Stunnenberg H. G. The translational landscape of ground state pluripotency. *Nat Commun.* 2020 Apr 1;11(1):1617. doi:10.1038/s41467-020-15449-9.
4. Hoang H. D., Graber T. E., Jia J. J., Vaidya N., Gilchrist V.H., Xiang X., Li W., Cowan K. N., **Gkogkas C. G.**, Jaramillo M., Jafarnejad S. M. and Alain T. Induction of an Alternative mRNA 5' Leader Enhances Translation of the Ciliopathy Gene *Inpp5e* and Resistance to Oncolytic Virus Infection. *Cell Rep.* 2019 Dec 17;29(12):4010-4023.e5. doi:10.1016/j.celrep.2019.11.072.
5. Kouloulia S., Hallin E. I., Simbriger K., Amorim I. S., Lach G., Amvrosiadis T., Chalkiadaki K., Kampaite A., Truong V. T., Hooshmandi M., Jafarnejad S. M., Skehel P., Kursula P., Khoutorsky A. and **Gkogkas C. G.** Raptor-Mediated Proteasomal Degradation of Deamidated 4E-BP2 Regulates Postnatal Neuronal Translation and NF- $\kappa$ B Activity. *Cell Rep.* 2019 Dec 10;29(11):3620-3635.e7. doi:10.1016/j.celrep.2019.11.023.
6. Amorim IS, Lach G and **Gkogkas CG.** The Role of the Eukaryotic Translation Initiation Factor 4E (eIF4E) in Neuropsychiatric Disorders. *Front Genet.* 2018 Nov 23;9:561 doi:10.3389/fgene.2018.00561 (2019).
7. Uttam, S., Wong, C, Amorim, I. S., Jafarnejad, S. M., Tansley, S., Yang, J., Prager-Khoutorsky, M., Mogil, J. S., **Gkogkas, C. G.\*** and Khoutorsky, A.\* Translational profiling of dorsal root ganglia and spinal cord in a mouse model of neuropathic pain. *Neurobiol Pain.* 2018 Aug-Dec;4:35-44. doi:10.1016/j.jynpai.2018.04.001. \*co-last author
8. Amorim, I. S., Kedia, S., Kouloulia, S., Simbriger, K., Gantois, I., Jafarnejad, S. M., Li, Y., Kampaite, A., Pooters, T., Romano, N. & **Gkogkas, C. G.** Loss of eIF4E phosphorylation engenders depression-like behaviors via selective mRNA translation. *J Neurosci*, doi:10.1523/JNEUROSCI.2673-17.2018 (2018).
9. Jafarnejad, S. M., Chapat, C., Matta-Camacho, E., Gelbart, I. A., Hesketh, G. G., Arguello, M., Garzia, A., Kim, S. H., Attig, J., Shapiro, M., Morita, M., Khoutorsky, A., Alain, T., **Gkogkas, C.**, Stern-Ginossar, N., Tuschl, T., Gingras, A. C., Duchaine, T. F. & Sonenberg, N. Translational control of ERK signaling through miRNA/4EHP-directed silencing. *Elife* 7, doi:10.7554/eLife.35034 (2018).

10. Martin, L. J., Smith, S. B., Khoutorsky, A., Magnussen, C. A., Samoshkin, A., Sorge, R. E., Cho, C., Yosefpour, N., Sivaselvachandran, S., Tohyama, S., Cole, T., Khuong, T. M., Mir, E., Gibson, D. G., Wieskopf, J. S., Sotocinal, S. G., Austin, J. S., Meloto, C. B., Gitt, J. H., **Gkogkas, C.**, Sonenberg, N., Greenspan, J. D., Fillingim, R. B., Ohrbach, R., Slade, G. D., Knott, C., Dubner, R., Nackley, A. G., Ribeiro-da-Silva, A., Neely, G. G., Maixner, W., Zaykin, D. V., Mogil, J. S. & Diatchenko, L. Epiregulin and EGFR interactions are involved in pain processing. *The Journal of clinical investigation* **127**, 3353-3366, doi:10.1172/JCI87406 (2017).
11. Moy, J. K., Khoutorsky, A., Asiedu, M. N., Black, B. J., Kuhn, J. L., Barragan-Iglesias, P., Megat, S., Burton, M. D., Burgos-Vega, C. C., Melemedjian, O. K., Boitano, S., Vagner, J., **Gkogkas, C. G.**, Pancrazio, J. J., Mogil, J. S., Dussor, G., Sonenberg, N. & Price, T. J. The MNK-eIF4E Signaling Axis Contributes to Injury-Induced Nociceptive Plasticity and the Development of Chronic Pain. *The Journal of neuroscience : the official journal of the Society for Neuroscience* **37**, 7481-7499, doi:10.1523/JNEUROSCI.0220-17.2017 (2017).
12. Gantois I., Khoutorsky A., Popic J., Freemantle E., Aguilar-Valles A., Cao R., Sharma V., Nagpal A., Gamache K., Chapat C., Pooters T., Nader K., Lacaille J. C., **Gkogkas C. G.\*** and Sonenberg N.\* Metformin ameliorates core deficits in a Fragile X syndrome mouse model. *Nature Medicine* doi: 10.1038/nm.4335 (2017) \*co-last author
13. Tuttle A. H., Tansley S., Dossett K., Tohyama S., Khoutorsky A., Maldonado-Bouchard S., Stein L., Gerstein L., Crawhall-Duk H., Pearl R., Sukosd M., Leger P., Hardt O., Yachnin D., Austin J. S., Chan C. M., Groves I., Pooters T., Martin L. J., Sonenberg N., **Gkogkas C. G.\*** and Mogil J. S.\*Social propinquity in rodents as measured by tube co-occupancy differs between inbred and outbred genotypes *PNAS* doi: 10.1073/pnas.1703477114 (2017) \*co-last author
14. Chapat C., Jafarnejad S. M., Matta-Camacho E., Hesketh G. G., Gelbart I. A., Attig J., **Gkogkas C. G.**, Alain T., Stern-Ginossar N., Fabian M. R., Gingras A. C., Duchaine T. F. and Sonenberg N. Cap-binding protein 4EHP effects translation silencing by microRNAs *PNAS* doi: 10.1073/pnas.1701488114 (2017)
15. Tahmasebi S., Jafarnejad S. M., Tam I. S., Gonatopoulos-Pournatzis T., Matta-Camacho E., Tsukumo Y., Yanagiya A., Li W., Atlasi Y., Caron M., Braunschweig U., Pearl D., Khoutorsky A., **Gkogkas C. G.**, Nadon R., Bourque G., Yang X. J., Tian B., Stunnenberg H. G., Yamanaka Y., Blencowe B. J., Giguère V., & Sonenberg N. Control of embryonic stem cells self-renewal and differentiation via coordinated splicing and translation of YY2. *PNAS* doi: 10.1073/pnas.1615540113 (2016)
16. Khoutorsky, A., Sorge R.E., Prager-Khoutorsky M., Pawlowski S. A., Longod G., Jafarnejad S. M., Tahmasebi S., Martin L., Pitchere M. H., **Gkogkas C. G.**, Sharif-Naeinig R., Alfredo Ribeiro-da-Silva A., Bourque C. W., Cerveroh F., Mogil J. S., & Sonenberg N. eIF2alpha phosphorylation controls thermal nociception. *PNAS* doi: 10.1073/pnas.1614047113 (2016)
17. Skalecka, A., Liszewska, E., Bilinski, R., **Gkogkas, C.**, Khoutorsky, A., Malik, A. R., Sonenberg, N. & Jaworski, J. mTOR kinase is needed for the development and stabilization of dendritic arbors in newly born olfactory bulb neurons. *Dev Neurobiol.* doi:10.1002/dneu.22392 (2016).
18. Khoutorsky, A., Bonin, R. P., Sorge, R. E., **Gkogkas, C. G.**, Pawlowski, S. A., Jafarnejad, S. M., Pitcher, M. H., Alain, T., Perez-Sanchez, J., Salter, E. W., Martin, L., Ribeiro-da-Silva, A., De Koninck, Y., Cervero, F., Mogil, J. S. & Sonenberg, N. Translational control of nociception via 4E-binding protein 1. *Elife* **4**, doi:10.7554/eLife.12002 (2015).
19. Maity, S., Rah, S., Sonenberg, N., **Gkogkas, C. G.** & Nguyen, P. V. Norepinephrine triggers metaplasticity of LTP by increasing translation of specific mRNAs. *Learn Mem* **22**, 499-508, doi:10.1101/lm.039222.115 (2015).
20. Aguilar-Valles, A., Matta-Camacho, E., Khoutorsky, A., **Gkogkas, C.**, Nader, K., Lacaille, J. C. & Sonenberg, N. Inhibition of Group I Metabotropic Glutamate Receptors Reverses Autistic-Like Phenotypes Caused by Deficiency of the Translation Repressor eIF4E Binding Protein 2. *The Journal of neuroscience : the official journal of the Society for Neuroscience* **35**, 11125-11132, doi:10.1523/JNEUROSCI.4615-14.2015 (2015).
21. Cao, R., **Gkogkas, C. G.**, de Zavalía, N., Blum, I. D., Yanagiya, A., Tsukumo, Y., Xu, H., Lee, C., Storch, K. F., Liu, A. C., Amir, S. & Sonenberg, N. Light-regulated translational control of circadian behavior by eIF4E phosphorylation. *Nature Neuroscience* **18**, 855-862, doi:10.1038/nn.4010 (2015).

22. Aulas, A., Caron, G., **Gkogkas, C. G.**, Mohamed, N. V., Destroismaisons, L., Sonenberg, N., Leclerc, N., Parker, J. A. & Vande Velde, C. G3BP1 promotes stress-induced RNA granule interactions to preserve polyadenylated mRNA. *J Cell Biol* **209**, 73-84, doi:10.1083/jcb.201408092 (2015).
23. **Gkogkas, C. G.**, Khoutorsky, A., Cao, R., Jafarnejad, S. M., Prager-Khoutorsky, M., Giannakas, N., Kaminari, A., Fragkouli, A., Nader, K., Price, T. J., Konicek, B. W., Graff, J. R., Tzinia, A. K., Lacaille, J. C. & Sonenberg, N. Pharmacogenetic inhibition of eIF4E-dependent Mmp9 mRNA translation reverses fragile X syndrome-like phenotypes. *Cell reports* **9**, 1742-1755, doi:10.1016/j.celrep.2014.10.064 (2014).
24. Jung, H., **Gkogkas, C. G.**, Sonenberg, N. & Holt, C. E. Remote control of gene function by local translation. *Cell* **157**, 26-40, doi:10.1016/j.cell.2014.03.005 (2014).
25. Tahmasebi, S., Alain, T., Rajasekhar, V. K., Zhang, J. P., Prager-Khoutorsky, M., Khoutorsky, A., Dogan, Y., **Gkogkas, C. G.**, Petroulakis, E., Sylvestre, A., Ghorbani, M., Assadian, S., Yamanaka, Y., Vinagolu-Baur, J. R., Teodoro, J. G., Kim, K., Yang, X. J. & Sonenberg, N. Multifaceted regulation of somatic cell reprogramming by mRNA translational control. *Cell Stem Cell* **14**, 606-616, doi:10.1016/j.stem.2014.02.005 (2014).
26. **Gkogkas, C. G.** & Sonenberg, N. Translational control and autism-like behaviors. *Cell Logist* **3**, e24551, doi:10.4161/cl.24551 (2013).
27. Cao, R., Robinson, B., Xu, H., **Gkogkas, C.**, Khoutorsky, A., Alain, T., Yanagiya, A., Nevarko, T., Liu, A. C., Amir, S. & Sonenberg, N. Translational control of entrainment and synchrony of the suprachiasmatic circadian clock by mTOR/4E-BP1 signaling. *Neuron* **79**, 712-724, doi:10.1016/j.neuron.2013.06.026 (2013).
28. Khoutorsky, A., Yanagiya, A.\***Gkogkas, C. G.**\* Fabian, M. R., Prager-Khoutorsky, M., Cao, R., Gamache, K., Bouthiette, F., Parsyan, A., Sorge, R. E., Mogil, J. S., Nader, K., Lacaille, J. C. & Sonenberg, N. Control of synaptic plasticity and memory via suppression of poly(A)-binding protein. *Neuron* **78**, 298-311, doi:10.1016/j.neuron.2013.02.025 (2013).\*co-authorship
29. Ran, I., **Gkogkas, C. G.**, Vasuta, C., Tartas, M., Khoutorsky, A., Laplante, I., Parsyan, A., Nevarko, T., Sonenberg, N. & Lacaille, J. C. Selective regulation of GluA subunit synthesis and AMPA receptor-mediated synaptic function and plasticity by the translation repressor 4E-BP2 in hippocampal pyramidal cells. *The Journal of neuroscience : the official journal of the Society for Neuroscience* **33**, 1872-1886, doi:10.1523/JNEUROSCI.3264-12.2013 (2013).
30. **Gkogkas, C. G.**, Khoutorsky, A., Ran, I., Rampakakis, E., Nevarko, T., Weatherill, D. B., Vasuta, C., Yee, S., Truitt, M., Dallaire, P., Major, F., Lasko, P., Ruggero, D., Nader, K., Lacaille, J. C. & Sonenberg, N. Autism-related deficits via dysregulated eIF4E-dependent translational control. *Nature* **493**, 371-377, doi:10.1038/nature11628 (2013).
31. Chua, J. J., Schob, C., Rehbein, M., **Gkogkas, C. G.**, Richter, D. & Kindler, S. Synthesis of two SAPAP3 isoforms from a single mRNA is mediated via alternative translational initiation. *Sci Rep* **2**, 484, doi:10.1038/srep00484 (2012).
32. Parsyan, A., Svitkin, Y., Shahbazian, D., **Gkogkas, C.**, Lasko, P., Merrick, W. C. & Sonenberg, N. mRNA helicases: the tacticians of translational control. *Nat Rev Mol Cell Biol* **12**, 235-245, doi:10.1038/nrm3083 (2011).
33. **Gkogkas, C.**, Wardrope, C., Hannah, M. & Skehel, P. The ALS8-associated mutant VAPB(P56S) is resistant to proteolysis in neurons. *J Neurochem* **117**, 286-294, doi:10.1111/j.1471-4159.2011.07201.x (2011).
34. **Gkogkas, C.**, Sonenberg, N. & Costa-Mattioli, M. Translational control mechanisms in long-lasting synaptic plasticity and memory. *J Biol Chem* **285**, 31913-31917, doi:10.1074/jbc.R110.154476 (2010).
35. Bidinosti, M., Ran, I., Sanchez-Carbente, M. R., Martineau, Y., Gingras, A. C., **Gkogkas, C.**, Raught, B., Bramham, C. R., Sossin, W. S., Costa-Mattioli, M., DesGroseillers, L., Lacaille, J. C. & Sonenberg, N. Postnatal deamidation of 4E-BP2 in brain enhances its association with raptor and alters kinetics of excitatory synaptic transmission. *Mol Cell* **37**, 797-808, doi:10.1016/j.molcel.2010.02.022 (2010).
36. Rampakakis, E., **Gkogkas, C.**, Di Paola, D. & Zannis-Hadjopoulos, M. Replication initiation and DNA topology: The twisted life of the origin. *J Cell Biochem* **110**, 35-43, doi:10.1002/jcb.22557 (2010).

37. **Gkogkas, C.**, Middleton, S., Kremer, A. M., Wardrope, C., Hannah, M., Gillingwater, T. H. & Skehel, P. VAPB interacts with and modulates the activity of ATF6. *Hum Mol Genet* **17**, 1517-1526, doi:10.1093/hmg/ddn040 (2008).
38. Vernikos, G. S.\*, **Gkogkas, C. G.\***, Promponas, V. J. & Hamodrakas, S. J. GeneViTo: visualizing gene-product functional and structural features in genomic datasets. *BMC Bioinformatics* **4**, 53, doi:10.1186/1471-2105-4-53 (2003).\*co-first author

## Book chapters

1. Chalkiadaki K., Kouloulia S., Bramham C. R., and **Gkogkas C. G.** Regulation of Protein Synthesis by eIF4E in the Brain The Oxford Handbook of Neuronal Protein Synthesis, *Oxford University Press*, 2020
2. Khoutorsky A., **Gkogkas C.** and Sonenberg N. Translational Control of Synaptic Plasticity and Memory in Biophysical approaches to translational control of gene expression Springer Volume 1, 2013, DOI: 10.1007/978-1-4614-3991-2
3. **Gkogkas C. G.**, Aguillar-Valles A., Koutorsky A. and Sonenberg N. Translational Control in Autism Spectrum Disorders in *Frontiers in Autism Research, Diagnosis, and Treatment World Scientific*, 2013

## Conference Presentations

1. Simbriger K., Amorim I. S., Cullen L., Tzinia A. K., and **Gkogkas C. G.** (2018) The role of MMP-9-dependent regulation of gene-expression in Fragile X syndrome, FENS 2018, Berlin, Germany.
2. Kouloulia S., Hallin E. I., Amorim IS, Simbriger K, Kampaite A, Amvrosiades T, Kursula P. and **Gkogkas C. G.** (2018) The role of deamidated 4E-BP2 in neuronal translation, FENS 2018, Berlin, Germany.
3. Amorim I. S., Lach G., Kouloulia S., Simbriger K., Kampaite A., Ravat F. and **Gkogkas C. G.** (2018) The role of phospho-eIF4E in depression, FENS 2018, Berlin, Germany.
4. **Gkogkas C. G.** (2016) Regulation of protein synthesis in the CNS, EMCCS-EBBS Satellite meeting at FENS 2016, Copenhagen, Denmark.
5. **Gkogkas C. G.**, (2015) Translational control in Autism Spectrum Disorders, British Neuroscience Association Meeting, Edinburgh, UK.
6. **Gkogkas C. G.**, (2015) Translation of the E/I balance in Autism Spectrum Disorders, Edinburgh Neuroscience Day, Edinburgh, UK.
7. **Gkogkas C. G.**, and Sonenberg N. (2013) Pharmacogenetic inhibition of eIF4E phosphorylation reverses FXS-like phenotypes, FRAXA investigators meeting, Southbridge, MA, USA.
8. Edison H. T., **Gkogkas C. G.**, Sonenberg N and Nguyen PV (2013) Norepinephrine Induces Metaplasticity By Recruiting Translation And Transcription: Electrophysiological And Polysomal Profile Analyses, Canadian Neuroscience Annual Meeting.
9. **Gkogkas C. G.**, Nader K., Lacaille J. C., and Sonenberg N. (2012) Autism-related deficits via dysregulated translational control, Society for Neuroscience annual Conference, New Orleans LA, USA.
10. Khoutorsky A., **Gkogkas C.**, Sorge R., Mogil J., Nader K., Lacaille J. C., and Sonenberg N. (2012) Control of synaptic plasticity and memory via suppression of poly(A)-binding protein, Society for Neuroscience annual Conference, New Orleans LA, USA.
11. **Gkogkas C. G.**, Nader K., Lacaille J. C., and Sonenberg N. (2012) Regulation of Neuronal Translation in Autism Spectrum Disorders, Association for Neurons and Brain Diseases (AND) meeting, Montréal, Canada.
12. **Gkogkas C.**, Jeffrey R., Khoutorsky A., Henderson V., Bidinosti M., and Soneberg N. (2010) Postnatal deamidation of 4E-BP2 regulates synaptic plasticity, learning and memory, Society for Neuroscience annual Conference, San Diego CA, USA.

13. **Gkogkas C. G.**, Wardrope C., Hannah M., Skehel P. (2008) VAP proteins, motor neuron disease and regulation of the ATF6 endoplasmic reticulum stress response, Society for Neuroscience annual Conference, Washington DC, USA.
14. **Gkogkas C.**, Wardrope C., Middleton S., Hannah M., Skehel P. (2008) Motor Neuron Disease and the Endoplasmic Reticulum, Edinburgh Neuroscience Day; poster competition winner.
15. **Gkogkas C. G.**, Jackson M., Skehel P. A. (2007) In silico and in vivo protein interaction studies of the ALS8 associated VAPB gene, Society for Neuroscience annual Conference, San Diego CA, USA.
16. **Gkogkas C. G.**, Skehel P. A. (2005) Structural studies of the ALS related VAPB (P56S mutation) gene, Neuroinformatics Doctoral Training Center Conference, Edinburgh Scotland.
17. **Gkogkas C. G.**, Tzavaras N., Promponas V. J., Hamodrakas S. J. (2004) Assessment and refinement of "in silico" annotation strategies in complete genomes: the Chlamydia trachomatis genome revisited, 26<sup>th</sup> Conference of the Hellenic Society For Biological Sciences.
18. **Gkogkas C. G.**, Vernikos G., Promponas V. J., Hamodrakas S. J. (2003) GenerATOR: Software for systematic genome-proteome sequence feature analysis and visualization, 25th Conference of the Hellenic Society For Biological Sciences.