

# ΕΙΡΗΝΗ ΝΑΟΥΜΙΔΗ

## ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

### Προσωπικά στοιχεία:

Επώνυμο:	Ναουμίδη
Όνομα:	Ειρήνη
Όνομα Πατρός:	Ιωάννης
Όνομα συζύγου:	Λεωνίδα
Ημερομ. Γέννησης:	24.07.1951
Τόπος γέννησης:	ΕΣΣΔ
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## Περιληπτικά Στοιχεία Σπουδών και Επαγγελματικής Δραστηριότητας:

1968	Αποφοίτηση από το Λύκειο
1968-1971:	Department of Biology, Novosibirsk State University
1971-1973:	Department of Biology, Moscow State University
1973:	Πτυχίο βιολογίας ( Ιστολογία και Κυτταρική βιολογία ), Department of Biology, Moscow State University
1985:	Ph.D., Department of Biology, Moscow State University  ( "Cell Rearrangements in the Somitogenesis of the Vertebrate Embryos" )
1972-1991:	Research assistant, Research associate, Senior research associate, Department of Biology, Moscow State University
1992 μέχρι σήμερα:	Πανεπιστήμιο Κρήτης Σχολή Επιστημών Υγείας Τμήμα Ιατρικής Βαρδινογιάννειο Εργαστήριο Μεταμοσχεύσεων και Μικροχειρουργικής Οφθαλμού

### Διδακτική Εμπειρία:

- "Cell Biology"  
( 3rd- and 4th-year students ),  
Department of Biology, Moscow State University
- "Segmentation of the Axial Mesoderm in Vertebrates" ( graduate-level  
course ),  
Department of Biology, Moscow State University

- "Gastrulation in Amphibians and Birds"  
( graduate-level course ),  
Department of Biology, Moscow State University
- "Methods of Scanning Electron Microscopy" ( practicum ),  
Department of Biology, Moscow State University
- "Embryology of the Invertebrates" ( practicum )
- "Gastrulation in Amphibians and Birds" ( practicum )
- Κατάρτιση στη Νέα Τεχνογνωσία και Εξάσκηση στη Νέα Τεχνολογία  
Οπτικών και Οφθαλμολογικών Εργαστηρίων - Ιδιαίτερως Laser.  
Ευρωπαϊκό Κοινωνικό Ταμείο (ΕΚΤ) 1992.
- Ιατρική φωτογραφία.  
Ευρωπαϊκό Κοινωνικό Ταμείο (ΕΚΤ) 1992.
- Κατάρτιση στα Ιατρικά Laser - Οφθαλμολογικά Εργαστήρια.  
Ευρωπαϊκό Κοινωνικό Ταμείο (ΕΚΤ) 1993.

Ξένες γλώσσες: Αγγλικά, Ρώσικα

Επαγγελματικά Ενδιαφέροντα: ιστολογία, κυτταρική βιολογία, οπτική και ηλεκτρονική μικροσκοπία, ιστοχημεία, καλλιέργεια κυττάρων και ιστών.

Τιμητικές Θέσεις - Διακρίσεις

Bronze Medal of the USSR National Exhibition, 1983.

## ΔΗΜΟΣΙΕΥΣΕΙΣ

1. Belousov L.V., Naoumidi I.I. Cell Contacts and Rearrangements Preceding Somitogenesis in Chick Embryo. *Cell Differentiation*, Vol. 12, No 4, pp.191-204, 1983
2. Belousov L.V., Lakirev A.V., Naoumidi I.I. The Role of External Tensions in Differentiation of *Xenopus Laevis* Embryonic Tissues. *Cell Differ. Dev.*, Vol.25, pp.165-176, 1988
3. Belousov L.V., Lakirev A.V., Naoumidi I.I., Novoselov V.V. Effects of Relaxation of Mechanical Tensions upon the Early Morphogenesis of *Xenopus Laevis* Embryos. *Int. J. Dev. Biol.*, Vol. 34, pp.409-419, 1990

4. Belousov L.V., Luchinskaya N.N., Naoumidi I.I. Polarization of Cell Contacts and Associated Events in the Embryonic Tissues. In: "Membranes and Cellular Interactions in Development". Proceedings of the Soviet-Finnish Symposium on Developmental Biology. Tbilisi, Nov. 1-4, 1984
5. Belousov L.V., Lakirev A.V., Naoumidi I.I. et al. The Influence of Mechanical Tensions upon Morphogenesis and Differentiation of Amphibian Embryonic Tissues. In: "Cell Differentiation and Gene Expression". Proceedings of the Soviet-Finnish Symposium on Developmental Biology. Tashkent, Sept. 26 - Oct. 1, 1988
6. Naoumidi I.I., Belousov L.V. Contractibility and Epithelization of the Axial Mesoderm in the Chick Embryo. *Ontogenez (Soviet J. Dev. Biol.)*, Vol. 8, No 5, 517-520, 1977
7. Naoumidi I.I., Belousov L.V. On the Cell Mechanisms of the Somite Length Determination in Birds *Ontogenez (Soviet J. Dev. Biol.)*, Vol. 12, No 2, pp.154-160, 1981
8. Naoumidi I.I. Cell Contact Rearrangement and Actine Synthesis During the Segmentation of the Chick Mesoderm. *Ontogenez (Soviet J. Dev. Biol.)*, Vol. 15, No 4, pp.437-438, 1984
9. Belousov L.V., Luchinskaya N.N., Naoumidi I.I. Cell Contact Polarization and Associated Events in the Embryonic Tissues. *Ontogenez (Soviet J. Dev. Biol.)*, Vol. 15, No 4, p.429, 1984
10. Naoumidi I.I., Turovetski V.B., Meshcheryakov V.N., Belousov L.V. Subcellular Rearrangements and Actine Content in the Axial Mesoderm of the Chick Embryo. *Izvestiya AN SSSR /ser. biol. / (Proceedings of the USSR Academy of Sciences /Biology/)*, No 8, pp.1125-1129, 1985
11. Lakirev A.V., Belousov L.V., Naoumidi I.I. Effects of Exogenous Tensions on in vitro Differentiation of Embryonic Tissues in *Xenopus Laevis*. *Ontogenez (Soviet J. Dev. Biol.)*, Vol 19, No 6, pp. 591-600, 1988
12. Belousov L.V., Lakirev A.V., Naoumidi I.I. et al. The Influence of Mechanical Tensions upon Morphogenesis and Differentiation of Amphibian Embryonic Tissues. *Ontogenez (Soviet J. Dev. Biol.)*, Vol.19, No 4, p.435, 1988
13. Naoumidi I.I., Belousov L.V. Cell Contacts and Cell Movements in the Axial Mesoderm of the Chick Embryo Abstracts of the XII All-Union Conference on Poultry Farming. Zagorsk, p.43, 1979
14. Naoumidi I.I. Study of the Axial Mesoderm Cell Structure in the Chick Embryos with Regard to Somitogenesis. Abstracts of the VI All-Union Embryology Meeting. Moscow, Nauka Publ., p.131, 1981
15. Naoumidi I.I., Meshcheryakov V.N. Actine Content in the Axial Mesoderm of the Chick Embryo. In: "Non-Muscular Motility". Proceedings of the IV All-Union Conference. Chernigov, May 15-17, 1984." *USSR Acad. of Sci.*, 1984.

16. Naoumidi I.I., Belousov L.V. Presegmentative Changes in the Axial Mesoderm and Cell Mechanisms of Segmentation. In: "Natural Regularities in the Development of Living Organisms. Proceedings of the VII All-Union Embryological Conference". Moscow, Nauka Publ., 1986, pp. 151-152.
17. Naoumidi I.I., Lakirev A.V., Belousov L.V. Cell Motility in the Early Amphibian Embryos Depends upon Tissue Tension. In: "Non-Muscular Motility. Proceedings of the V All-Union Conference. Chernigov, May 17-20, 1988." USSR Acad. of Sci., 1988.
18. Meshcheryakov V.N., Ryabova L.V., Naoumidi I.I. et al. Identification of Proteins in Semithin Histologic Sections of the Embryonic Materials In: "Non-Muscular Motility. Proceedings of the V All-Union Conference. Chernigov, May 17-20, 1988." USSR Acad. of Sci., 1988.

Δημοσιεύσεις μετά την πρόσληψή μου  
στο Πανεπιστήμιο Κρήτης ( από 1992 )

19. Pallikaris I.G., Tsilimbaris M., Iliaki O., Naoumidi I., Georgiadis A., Panagopoulos I. Effectiveness of corneal neovascularization photothrombosis using phthalocyanine and a diode laser (675nm). *Lasers in Surgery and Medicine*, 13:197-203, 1993.
20. M.K. Tsilimbaris, Pallikaris I.G., Naoumidi I.I., Vlachonicolis J., Tsakalof A., Lydataki S.: Phthalocyanine Mediated Photodynamic Thrombosis of Experimental Corneal Neovascularization: Effect of Phthalocyanine Dose and Irradiation Onset Time on Vascular Occlusion Rate. *Lasers in Surgery and Medicine*, 15:19-31, 1994.
21. Iliaki O.E., Naoumidi I.I., Tsilimbaris M.K., Pallikaris I.G. Photothrombosis of Retinal and Choroidal Vessels in rabbit Eyes Using Chloroaluminum Sulfonated Phthalocyanine and a Diode Laser. *Lasers in Surgery and Medicine* (accepted for publication) 1995.
22. Pallikaris I.G., Siganos D., Lidataki S., Tsilimbaris M., Naoumidi I. Ultrastructural evaluation of corneal lamellar cut using two different microkeratomes and excimer laser for in situ keratomileusis in human cadaver eyes. *Graefes Archives of Ophthalmology*, submitted 1994.
23. G.Velegrakis, M.Volitakis, I.Naoumidi, J.Bizakis, P.Christodoulou, E.Helidonis Thermocondroplasty of Rabbit Ear Cartilage Using the Carbon Dioxide Laser. *Lasers in Medical Science* 1994, 9:265-272.
24. E.Helidonis, M.Volitakis, I.Naoumidi, G.Velegrakis, J.Bizakis, P.Christodoulou. The Histology of Laser Thermo-Chondroplasty. *American Journal of Otolaryngology*, Vol. 15, No 6, 423-428.

25. E. Sobol, V. Bagratashvili, A. Omelchenko, A. Sviridov, E. Helidonis, G. Kavvalos, P. Christodoulou, I. Naoumidi, G. Velegrakis, Yu. Ovchinnikov, A. Shechter. Laser Shaping of Cartilage. In: Progress in Biomedical Optics. Proceedings of SPIE, 1994, p. 22.
26. E. Ναουμίδη, Μ. Παπατζανάκη, Κ. Γκολές, Γ. Μακρυδάκης, Σ. Λυδατάκη, Γ. Παλλήκαρης. Επούλωση Κερατοειδοθύς μετά από Laser in Situ Κερατοσμίλευση. 9ο Πανελλήνιο Συνέδριο "Lasers και Εφαρμογές", abstracts σελ 53. Αθήνα, 28-30 Μαΐου 1992.
27. Tsilimbaris M.K., Naoumidi I.I., Lydataki S., Pallikaris I.G.: The use of Phthalocyanine and Diode laser for the Photodynamic Thrombosis of Corneal Neovascularization. Aegean Cornea, 1992, abstracts σελ. 31, Crete.
28. Naoumidis L., Pallikaris I.G., Tsilimbaris M., Iliaki O., Naoumidi I., Lydataki S. Transscleral Phthalocyanine mediated diode laser Photodynamic Therapy of Albino rabbit ciliary body. *Inv Ophthalmol Vis Sci*, 34(4):177, 1993.
29. Tsilimbaris M.K., Naoumidi I.I., Naoumidis L.P., Lydataki S., Georgiadis A.P., Pallikaris I.G.. Tonographic and morphological changes in the rabbit ciliary body after transclear phthalocyanine mediated diode laser photodynamic therapy. 1st South European Medical Laser Congress, Santorini, Greece, June 1993.
30. Tsilimbaris M., Pallikaris I.G, Naoumidi I., Lydataki S., Tsakalof A.: Morphological Evaluation of Phthalocyanine mediated Photothrombosis of Corneal neovascularization in rabbits. *Inv Ophthalmol Vis Sci*, 34(4):1590, 1993.
31. Naoumidi I.I., Tsilimbaris M.K., Lydataki S., Pallikaris I.G. Corneal endothelial alterations following corneal neovascularization photodynamic therapy. ECORA, 1st Annual Meeting, Bonn, 1993.
32. Pallikaris I.G., Naoumidis L.P., Tsilimbaris M.K., Naoumidi I.I. Experimental Er:YAG laser arcuate cuts of rabbit corneas with the help of planar focusing elements. Laser Technology in Ophthalmology 4th International Congress, Lugano, Switzerland, June 1993, Scientific Program p.6.
33. Pallikaris I.G., Naoumidi I.I., Tsilimbaris M.K., Lydataki S., Naoumidis L.P. Morphological changes of ciliary vessels after phthalocyanine mediated diode laser transcleral cyclo-irradiation. Laser Technology in Ophthalmology 4th International Congress, Lugano, Switzerland, June 1993, Scientific Program p.6.
34. Pallikaris I.G., Tsilimbaris M.K., Iliaki O., Naoumidi I.I., Lydataki S. Ocular photothrombosis using phthalocyanine and a diode laser. Current limitations. Aegean Retina III International Ophthalmological Congress, Samos, Greece, August 1993, Book of abstracts p. 45.
35. Iliaki O.E., Naoumidi I.I., Tsilimbaris M.K., Naoumidis L.P., Pallikaris I.G. Photodynamic occlusion of normal rabbit retinal and choroidal vessels. Fluoroangiographic and histological study. *Inv Ophthalmol Vis Sci*, 35(4):558, 1994.

36. Margaritis V.N., Pallikaris I.G., Naoumidis L.P., Naoumidi I.I., Tsilimbaris M.K., Panagopoulos J.A., Tsampralakis I.C.: Effect of hyperbaric oxygenation on phthalocyanine mediated photodynamic thrombosis of experimental corneal neovascularization. *Inv Ophthalmol Vis Sci*, 35(4):443, 1994.
37. Iliaki O.E., Pallikaris I.G., Naoumidi I.I., Tsilimbaris M.K. Phthalocyanine mediated photothrombosis of normal rabbit fundus vessels. Duration of thrombosis and morphology studies. 3rd Meeting of the European Macula Group, Athens, 1994. Book of abstracts p.18.
38. Pallikaris I.G., Naoumidi I.I., Margaritis V.N., Naoumidis L.P., Tsilimbaris M.K., Panagopoulos J.A., Tsampralakis I.C. Histological Evaluation of Phthalocyanine Mediated Photodynamic Occlusion of Corneal Neovascularization Enhanced by Hyperbaric Oxygenation. *Aegean Cornea II*, Rhodes, Sept 30-Oct 2, 1994.
39. Naoumidi I, Pallikaris I.G. Papageorgiou EA, Naoumidis LP, Tsilimbaris MK, Tsampralakis I. Relationship of Ciliary Epithelium Changes with the IOP dynamic after Transscleral Phthalocyanine Mediated Diode Laser Irradiation of the Rabbit Ciliary Body. *Inv Ophthalmol Vis Sci*, 36(4):2599, 1995.
40. I.I.Naoumidi, O.E.Iliaki, I.G.Pallikaris, V.P.Kozompoli, L.P.Naoumidis, I.M.Halkiadakis. Morphological Characterization of Thermal Damage to the Sclera in Er:YAG Laser Scleral Applications. ARVO ( Association for Research in Vision and Ophthalmology ) 1996 Annual Meeting, Fort Lauderdale, USA, 1996.
41. Tsilimbaris MK, Naoumidi II, Naoumidis LP, Papageorgiou E, Pallikaris IG. Transscleral Ciliary Body Photodynamic Therapy Using Phthalocyanine and a Diode Laser: Functional and Morphological Implementations in Albino Rabbits. *Ophthalmic Surg Lasers*, 1997, 28: 483-494.
42. Tsilimbaris M.K., Naoumidi I.I., Kozompoli V.P., Naoumidi T.L., Daskalakis M., Pallikaris I.G. Ciliary Body PDT in Pigmented Rabbit Eyes: Effect of Single and Repeated Treatment. *Current Eye Research*, Vol. 20 No 6, pp. 469-479, 2000.