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University of Athens
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Short Curriculum Vitae - Education - Academic Activities

Born: Derveni Korinthias, Peloponnese, Hellas (Greece).

B.Sc.: School of Natural Sciences, National and Kapodistrian University of Athens, Greece (1972).

Ph.D.: Biological Sciences, National and Kapodistrian University of Athens, Greece (1980).

Lecturer in Botany: Faculty of Biology, National and Kapodistrian University of Athens, Greece (1980-1987).

Assistant Professor: Faculty of Biology, National and Kapodistrian University of Athens, Greece (1987-1997).

Associate Professor: Faculty of Biology, National and Kapodistrian University of Athens, Greece (1997-2008).

Visiting Research Fellowship: Botanical Institut, University of Cologne, Germany (1989-1990, 1992), Muroran Marine Station, Hokkaido University, Japan (2003).

Short term visits: John Innes Institut, Norwich, England (1985), Botanical Institut, University of Cologne, Germany (1990, 2005), Zellenlehre, Universität Heidelberg, Germany (1994, 1996, 2000, 2005), Fakultät Biologie, Universität Konstanz, Germany (1994, 1996, 2000, 2005).

Vice Chairman of Biology Faculty, University of Athens: (2001-2003, 2003-2005).

Chairman of Hellenic Phycological Society (HEL.P.S., www.phycology.gr): 2005-2007, 2007-2009, 2009-.

Council Member of Federation of European Phycological Societies (FEPS, www.feps-algae.eu). 2007- .

Professor: Faculty of Biology, National and Kapodistrian University of Athens, Greece (2008).

Research Interests and Current Research Activities

1. Cytoskeleton (microtubules and actin filaments) organization and its role in polarity and morphogenesis of algae.
2. Relationship of the centrosome structure and behaviour during the cell cycle, with polarity and growth pattern in brown algal cells.
3. Organization of mitotic and cytokinetic apparatus in algal species showing different morphological differentiation.
4. Membrane particle complexes (cellulose synthases) in the plasma membrane and in other cytoplasmic membranes of brown algal cells. Their role in cell wall synthesis and their relationship with the growth pattern.
5. Cell wall morphogenesis and role of cortical F-actin cytoskeleton in the orientation of cellulose microfibrils.
6. Flagellar apparatus organization in motile cells of brown algae.
7. Mechanism of pathogen (virus and oomycete) infection in brown algae.
8. Use of algae as biofilters for the removal of nutrients from sewage treatment plant effluents.
9. Cytoskeleton organization combined with molecular analysis of selected green algal species.

Research projects

1. Ultrastructural studies of mitotic and cytokinetic mechanisms in brown algae (University of Athens 1981-1983).
2. Ultrastructural studies of morphogenesis of vegetative and reproductive cells of brown algae (University of Athens 1984-1986).
3. Role of microtubules and their organizing centers in plant cell morphogenesis National Research Center – General Secretariat of Research and Technology, 1985-1989, 1993-1995).

4. Cytomorphogenesis, cytoskeleton and cell structure (Stiftung Volkswagenwerk, 1988-1991, 1991-1994).
5. Immunofluorescence and electron microscope studies of the cytoskeleton of motile cells of brown algae (Deutscher Akademischer Austauschdienst, DAAD, 1992).
6. Study of cytokinesis in different species of brown algae, using cryo-fixation and freeze-substitution. (Co-operative project between Hokkaido University, Field Science Center for Northern Biosphere, Muroran Marine station and Faculty of Biology, University of Athens). Supported by the Japanese Society for the Promotion of Science (JSPS). 2003.
7. Role of cytoskeleton in brown algal cell morphogenesis (1996-1997, 2000-2005).
8. Mechanisms of microtubule organization and their role in morphogenesis of plant cells (Project "Pythagoras", General Secretariat of Research and Technology, 2004-2007).
9. Use of algae as biofilters for the removal of inorganic nutrients from domestic sewage effluents (General Secretariat of Research and Technology, 2005-2009).
10. Brown algal biodiversity and ecology in the Eastern Mediterranean Sea. 2010-2013. Supported by TOTAL Foundation, France.

Major facilities

Light and electron microscopes, micromanipulators, ultramicrotomes, cryo-fixation and freeze-substitution device, dark rooms (for film developing and printing), culture room and cabinets.

Techniques used

Light and electron microscopy, cryofixation and freeze-substitution, fluorescence microscopy, cytochemistry, immunocytochemistry (immunofluorescence and immunogold), freeze-fracture.

Member of Scientific Societies

Hellenic Botanical Society

Hellenic Phycological Society
Hellenic Society of Biological Sciences
International Phycological Society
British Phycological Society
American Phycological Society
Japanese Phycological Society
Federation of European Phycological Societies

Associate Editor - Reviewer

"Phycological Research" (International Journal published by Blackwell Scientific Publications for the Japanese Phycological Society): 2000-2006, 2009-2011.

"Algal Cell Biology and Genomics", special issue of *Botanica Marina*: 2008.

Member of the Editorial Board of *European Journal of Phycology* 2009.

Reviewer of manuscripts submitted to the journals:

1. British Phycological Journal
2. European Journal of Phycology
3. *Botanica Marina*
4. Japanese Journal of Phycology
5. *Phycological Research*
6. *Botanica Acta*
7. *Nowa Hedwigia*
8. *Protoplasma*
9. *Planta*
10. *Phycologia*
11. *Journal of Phycology*
12. *Annals of Botany*
13. *Cell motility and the cytoskeleton*
14. *Journal of the Marine Biological Association of the United Kingdom*

PhD theses (supervisor)

1. Cytoskeleton organization and centrosome behaviour in apical cells of brown algae
(*D. Karyophyllis*)

2. Mitosis and cytokinesis in brown algal species showing different levels of thallus organization (I. Dimitriadis)
3. Cytoskeleton and morphogenesis in algal cells (V. Varvarigos)
4. Use of algae as biofilters for the removal of nutrients from the effluents of sewage treatment plants (P. Tsagkamilis)

PhD theses (member of the supervising committee)

1. Cytoskeleton organization in meristematic and differentiating cells of *Adiantum capillus veneris* (E. Panteris)
2. Mechanisms of organization of cytoskeletal systems in higher plants (M. Zahariadis)
3. Decontamination of industrial waste from heavy metals using biosorption filters (S. Loutseti)
4. Experimental study of microtubule organization in cells of higher plants (G. Komis)
5. Allient macroalgae of the sublittoral zone of Greek coasts (K. Tsiamis)

PUBLICATIONS

Publications in periodicals

1. GALATIS, B., C. KATSAROS, and K. MITRAKOS. 1977.
Fine structure of vegetative cells of *Sphacelaria tribuloides* Menegh. (Phaeophyceae, Sphacelariales) with special reference to some unusual proliferations of the plasmalemma. *Phycologia* 16, 139-151.
2. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1978.
Ultrastructural studies on the oil bodies of *Marchantia paleacea* Bert. I. Early stages of oil-body cell differentiation : origination of the oil body. *Can. J. Bot.* 56, 2252-2267.
3. GALATIS, B., C. KATSAROS, and P. APOSTOLAKOS. 1978.
Ultrastructural studies on the oil bodies of *Marchantia paleacea* Bert. II. Advanced stages of oil-body cell differentiation : synthesis of lipophilic material. *Can. J. Bot.* 56, 2268-2285.
4. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1978.

- Histochemical studies on the oil bodies of *Marchantia paleacea* Bert.
Protoplasma 97, 13-29.
5. KATSAROS, C. 1980. An ultrastructural study of the morphogenesis of the thallus of five brown algal species. Ph.D. Thesis, Athens.
 6. GALATIS, B., P. APOSTOLAKOS, C. KATSAROS, and H. LOUKARI. 1982.
Pre-prophase microtubule band and local wall thickening in guard cell mother cells of some Leguminosae. Ann. Bot. 50, 779-791.
 7. KATSAROS, C., B. GALATIS, and K. MITRAKOS. 1983.
Fine structural studies on the interphase and dividing apical cells of *Sphacelaria tribuloides* (Phaeophyta). J. Phycol. 19, 16-30.
 8. GALATIS, B., P. APOSTOLAKOS, and C., KATSAROS. 1983.
Microtubules and their organizing centres in differentiating guard cells of *Adiantum capillus-veneris*. Protoplasma 115, 176-192.
 9. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1983.
Synchronous organization of two preprophase microtubule bands and final cell plate arrangement in subsidiary cell mother cells of some *Triticum* species.
Protoplasma 117, 24-39.
 10. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1984.
Positional inconsistency between preprophase microtubule band and final cell plate arrangement during subsidiary cell and hair cell formation in two *Triticum* species. Can. J. Bot. 62, 343-359.
 11. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1984.
Experimental studies on the function of the cortical cytoplasmic zone of the preprophase microtubule band. Protoplasma 122, 11-26.
 12. KATSAROS, C., and B. GALATIS. 1985.
Ultrastructural studies on thallus development in *Dictyota dichotoma* (Phaeophyta, Dictyotales). Br. Phycol. J. 20, 263-276.
 13. KATSAROS, C., and B. GALATIS. 1986.
Ultrastructural studies on zoosporogenesis of *Halopteris filicina* (Sphacelariales, Phaeophyta). Phycologia 25, 358-370.
 14. KATSAROS, C., and B. GALATIS. 1988.
Thallus development in *Dictyopteris membranacea* (Phaeophyta, Dictyotales). Br. Phycol. J. 23, 71-88.

15. APOSTOLAKOS, P., B. GALATIS, C. KATSAROS, and E. SCHNEPF. 1990.
Tubulin conformation in microtubule-free cells of *Vigna sinensis*. An immunofluorescent and electron microscope study. *Protoplasma* 154, 132-143.
16. KATSAROS, C., and B. GALATIS. 1990.
Thallus development in *Halopteris filicina* (Pheophyceae, Sphacelariales). *Br. Phycol. J.* 25, 63-74.
17. KATSAROS, C., KREIMER, G., and MELKONIAN, M. 1991.
Localization of tubulin and a centrin-homologue in vegetative cells and developing gametangia of *Ectocarpus siliculosus* (Dillw.) Lyngb. (Phaeophyceae, Ectocarpales). A combined immunofluorescence and confocal laser scanning microscope study. *Botanica Acta* 104, 87-92.
18. KATSAROS, C. and B. GALATIS. 1992.
Immunofluorescence and electron microscope studies of microtubule organization during the cell cycle of *Dictyota dichotoma* (Phaeophyta, Dictyotales). *Protoplasma* 169, 75-84.
19. KATSAROS, C. 1992.
Immunofluorescence study of microtubule organization in some polarized cell types of selected brown algae. *Botanica Acta* 105, 400-406.
20. KATSAROS, C., MAIER, I., and MELKONIAN, M. 1993.
Immunolocalization of centrin in the flagellar apparatus of male gametes of *Ectocarpus siliculosus* (Phaeophyceae, Ectocarpales) and other brown algal motile cells. *J. Phycol.* 29, 787-797.
21. KATSAROS, C., and PENTARIS, K. 1994.
The ultrastructure of tetrasporogenesis in *Dictyota dichotoma* (Hudson) Lamouroux (Dictyotales, Phaeophyceae). *Jpn. J. Phycol. (Sôrui)* 42, 281-290.
22. KATSAROS, C. 1995.
Apical cells of brown algae, with particular reference to Sphacelariales, Dictyotales and Fucales. *Phycol. Res.* 43, 43-59.
23. KATSAROS, C., REISS, H.-D., and SCHNEPF, E. 1996.
Freeze-fracture studies in brown algae: occurrence and putative role of particle complexes on the plasma membrane. *Eur. J. Phycol.* 31, 41-48.
24. REISS, H.-D., KATSAROS, C., and GALATIS, B. 1996.
Freeze-fracture studies in the brown alga *Asteronema rhodochortonoides*.

- Protoplasma 193, 46-57.
25. KATSAROS, C., and SALLA, C. 1997.
Development, release and germination of monospores of *Tilopteris mertensii* (Tilopteridales, Phaeophyta). *Phycologia* 36, 60-67.
26. KARYOPHYLLIS, D., GALATIS, B., and KATSAROS, C. 1997.
Centrosome and microtubule dynamics in apical cells of *Sphacelaria rigidula* (Phaeophyceae) treated with nocodazole *Protoplasma* 199: 161-172.
27. WOLF, S., MAIER, I., KATSAROS, C., and MÜLLER, D.G. 1998.
Virus assembly in *Hincksia hincksiae* (Ectocarpales, Phaeophyceae). An electron and fluorescence microscope study. *Protoplasma*, 203, 153-167.
28. KARYOPHYLLIS, D., KATSAROS, C., DIMITRIADIS, I., and GALATIS, B., 2000.
F-actin organization during the cell cycle of *Sphacelaria rigidula* (Phaeophyceae). *Eur. J. Phycol.* 35, 25-33.
29. KARYOPHYLLIS, D., KATSAROS, C., and GALATIS, B., 2000.
F-actin involvement in apical cell morphogenesis of *Sphacelaria rigidula* (Phaeophyceae): mutual alignment between cortical actin filaments and cellulose microfibrils. *Eur. J. Phycol.* 35, 195-203.
30. DIMITRIADIS, I., KATSAROS, C., and GALATIS, B., 2001.
The effect of taxol on centrosome function and microtubule organization in apical cells of *Sphacelaria rigidula* (Phaeophyceae). *Phycol. Res.* 49, 23-34.
31. KATSAROS, C., KARYOPHYLLIS, D., and GALATIS, B. 2001.
Cortical F-actin underlies cellulose microfibril patterning in brown algal cells. *Phycologia* 41, 178-183.
32. MAIER, I., MÜLLER, D., and KATSAROS, C. 2002.
Entry of the DNA virus, EfasV-1 (Phycodnaviridae), into host cell cytosol and nucleus. *Phycol. Res.* 50, 227-231.
33. KATSAROS, C., KARYOPHYLLIS, D., and GALATIS, B. 2003.
F-actin cytoskeleton and cell wall morphogenesis in brown algae. *Cell Biology International* 27, 209-210.
34. SCHÜSSLER, A., HIRN, S., and KATSAROS, C. 2003.
Cellulose synthesizing terminal complexes and morphogenesis in tip-growing cells of *Syringoderma phinneyi* (Phaeophyceae). *Phycol. Res.* 51, 35-44.

35. VARVARIGOS V., KATSAROS C., AND GALATIS B. 2004.
Radial F-actin configurations are involved in polarization during protoplast germination and thallus branching of *Macrocystis pyrifera* (Phaeophyceae, Laminariales). *Phycologia* 43, 693-702.
36. VARVARIGOS V., GALATIS B., and KATSAROS C. 2005.
A unique pattern of F-actin organization supports cytokinesis in vacuolated cells of *Macrocystis pyrifera* (Phaeophyceae) gametophytes. *Protoplasma* 226, 241-245.
37. KARYOPHYLLIS D., B. GALATIS, and KATSAROS C. 2005.
 γ -tubulin localization during the cell cycle in *Sphacelaria rigidula* (Phaeophyceae, Sphacelariales). *J. Biol. Res.* 4, 151-156.
38. KATSAROS C., KARYOPHYLLIS D. and B. GALATIS. 2006.
Cytoskeleton and morphogenesis in brown algae. *Ann. Bot.* 97, 679-693.
39. VARVARIGOS V., GALATIS B., and KATSAROS C. 2007.
Radial endoplasmic reticulum arrays co-localize with radial F-actin in polarizing cells of brown algae. *Eur. J. Phycol.* 42, 253-262.
40. KATSAROS C., MOTOMURA T., NAGASATO C., and B. GALATIS. 2009.
Diaphragm and plasmodesmata development in cytokinetic vegetative cells of brown algae. *Botanica Marina* 52, 150-161
41. LOUTSETI, S. DANIELIDIS D.B., ECONOMOU-AMILLI A. KATSAROS C., SANTAS R. AND SANTAS PH. 2009.
The application of a micro-algal/bacterial biofilter for the detoxification of copper and cadmium metal wastes. *Bioresource Technology* 100, 2099-2105.
42. TSAGKAMILIS P., DANIELIDIS D., DRING M.J., and KATSAROS C. 2009.
Removal of phosphate from sewage effluents by *Ulva lactuca* L. (Chlorophyta). *J. Appl. Phycol.* 22, 331-339 (2010), DOI, 10.1007/s10811-009-9463-4.
43. TSIAMIS K., MONTESANTO B., PANAYOTIDIS P., KATSAROS C., and VERLAQUE M. 2009. Updated records and range expansion of alien marine macrophytes in Greece. *Medit. Mar. Sci.* 11/1, 61-79.
44. KATSAROS, C., VARVARIGOS V., GACHON, C.M.M., BRAND, J., and KÜPPER F.C. 2009.

Comparative immunofluorescence and ultrastructural analysis of microtubule organization combined with SSU / ITS sequencing I Streptophytes.

(submitted).

45. TSIAMIS K., MONTESANTO B., PANAYOTIDIS P. and KATSAROS C. 2010.
Notes on new records of Ceramiales red algae from the Aegean Sea (Greece, Eastern Mediterranean). (submitted).

Chapters in books

- MELKONIAN, M., BEECH, P.L., KATSAROS, C., and SCHULZE, D. 1991.
Centrin-mediated motility in algae. In M. Melkonian ed., «Algal Cell Motility». Chapman and Hall Inc., New York and London.

Published abstracts (International Congresses)

1. GALATIS, B., C. KATSAROS, and K. MITRAKOS. 1973.
Ultrastructure of the mitotic apparatus in *Dictyota dichotoma* (Lamour.). Rap. Comm. Int. Mer Medit. 22, 53-54.
2. GALATIS, B., C. KATSAROS, and K. MITRAKOS. 1974.
The organization of thallus apex of *Dictyota dichotoma*. First Balkan Congr. Electr. Micr. Sarajevo, Yugoslavia, pp. 73-74.
3. GALATIS, B., C. KATSAROS, and P. APOSTOLAKOS. 1978.
Origin and development of the oil bodies in the liverwort *Marchantia paleacea* Bert. 1st Seminar of electron microscopy and microanalysis. Athens, Greece.
4. GALATIS, B., E. LOUKARI, P. APOSTOLAKOS, and C. KATSAROS. 1980.
Preprophase microtubule band and local thickening of the anticlinal walls of the guard cell mother cells in some Leguminosae. 2nd Seminar of electron microscopy and microanalysis. Athens, Greece.
5. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1983.
Microtubule organizing centres (MTOCs) and guard cell morphogenesis. I. Dumbbell-shaped guard cells. 3rd Athens Seminar on Electron Microscopy and Microstructure. Athens, Greece.
6. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1983.

- Microtubule organizing centres (MTOCs) and guard cell morphogenesis. II. Kidney-shaped guard cells. 3rd Athens Seminar on Electron Microscopy and Microstructure. Athens, Greece.
7. APOSTOLAKOS, P., B. GALATIS, C. KATSAROS, and E. SCHNEPF. 1989. Tubulin conformation in microtubule-free cells of *Vigna sinensis*. An immunofluorescent and electron microscope study. III Balkan Congr. on Electr. Micr. Athens, Greece, pp. 156-157.
 8. MELKONIAN, M., BEECH, P.L., BILSKI, J., BREMERICH, A., HOHFELD, I., KATSAROS, C., LECHTRECK, K.-F. MEINICKE-LIEBERT, M., SCHULZE, D., STEMPEL, T. 1991. Filament-forming phosphoproteins in the basal apparatus of flagellate algae. J. Phycol. 27 (suppl.), 49.
 9. KARYOPHYLLIS, D., GALATIS, B., and KATSAROS, C. 1996. Centrosome and microtubule dynamics in apical cells of *Sphacelaria rigidula* (Phaeophyceae) treated with nocodazole. 1st European Phycol. Congress. Cologne, Germany. p. 36.
 10. DIMITRIADIS, I., GALATIS, B., and KATSAROS, C. 1997. Mitosis and cytokinesis in brown algae showing different thallus organization. 6th Intern. Phycol. Congr. Leiden, Netherlands.
 11. KARYOPHYLLIS, D., GALATIS, B., and KATSAROS, C. 1997. Effect of nocodazole on the mitotic apparatus of brown algae. 6th Intern. Phycol. Congr. Leiden, Netherlands.
 12. KARYOPHYLLIS, D., GALATIS, B., and KATSAROS, C. 1997. Effect of nocodazole on the mitotic apparatus of brown algae. 1st Balkan Botanical Congress, Thessaloniki (Greece), p. 156.
 13. DIMITRIADIS, I., GALATIS, B. and KATSAROS, C. 1997. Mitosis and cytokinesis in brown algae showing different thallus organization. 1st Balkan Botanical Congress, Thessaloniki (Greece), p. 146.
 14. KARYOPHYLLIS, D., KATSAROS, C., DIMITRIADIS, I., and GALATIS, B., 1999. Actin organization during the cell cycle of brown algal vegetative cells. 2nd Eur. Phycol. Congress, Montecatini (Italy), p. 117.
 15. KARYOPHYLLIS, D., KATSAROS, C., and GALATIS, B., 1999.

- Actin organization in apical cells of the brown algae *Sphacelaria rigidula* and *Dictyota dichotoma*. 2nd Eur. Phycol. Congress, Montecatini (Italy), p. 117.
16. KATSAROS, C., KARYOPHYLLIS, D., DIMITRIADIS, I., AND GALATIS, B. 2000.
Cytoskeleton organization in tip-growing apical cells of *Sphacelaria rigidula* (Phaeophyceae). NATO Advanced Research Workshop "Cell Biology of Plant and Fungal Tip Growth", Siena Italy, June 19-23., p. 29.
17. KATSAROS, C. 2001.
Model systems for morphogenetic studies. 7th Intern. Phycol. Congress (abstracts) Phycologia 40 (supplement), p. 16.
18. DIMITRIADIS, I., KATSAROS, and C.GALATIS, B. 2001.
Cytokinesis and cytoskeleton in brown algal cells. 7th Intern. Phycol. Congress (abstracts) Phycologia 40 (supplement), p. 39.
19. KARYOPHYLLIS, D., KATSAROS, C., and GALATIS, B. 2001.
Cortical actin underlies cell morphogenesis in brown algae. 7th Intern. Phycol. Congress (abstracts) Phycologia 40 (supplement), p. 39.
20. VARVARIGOS, V., KATSAROS, C., and GALATIS, B. 2001.
Microtubule organization in vegetative cells of *Dictyota dichotoma* (Phaeophyceae) after taxol treatment. 7th Intern. Phycol. Congress (abstracts) Phycologia 40 (supplement), p. 80.
21. KATSAROS, C., KARYOPHYLLIS, D., and GALATIS, B. 2002.
F-actin cytoskeleton and cell wall morphogenesis in brown algae. Abstracts of Int. Symp. and NATO ARW on "The Plant Cytoskeleton: functional diversity and biotechnological implications". Kiev, UKRAINE, 23-27 September 2002
22. KATSAROS, C. 2003.
Cell wall morphogenesis in brown algae : the role of cytoskeleton. 3rd Eur. Phycol. Congress, Belfast, July 2003. p. 15
23. KARYOPHYLLIS D., GALATIS B., and KATSAROS C. 2005.
Determination of the division site in brown algal cells. XVII International Botanical Congress, Austria Center Vienna, 17 - 23 July 2005
24. VARVARIGOS V., GALATIS B., and KATSAROS C. 2005.
Role of radial F-actin configurations in polarization of brown algal cells. 8th Intern. Phycol. Congress, Durban, 2005

25. TSAGKAMILIS, P., DANIELIDIS D. and KATSAROS C. 2006.
Use of local species of macroalgae to remove nutrients from sewage treatment plants. Intern. Conf. Appl. Phycology, Delhi, 2006
26. KATSAROS C. KARYOPHYLLIS D. AND GALATIS B. 2006.
Cytoskeleton and morphogenesis in brown algae. . Intern. Conf. Appl. Phycology, Delhi, 2006
27. LOUTSETI S. DANIELIDIS D., ECONOMOU-AMILLI A. KATSAROS C., SANTAS R., and SANTAS PH. 2006.
Heavy metal detoxification of industrial and rural waste using micro algal biological filters. Intern. Conf. Environ. Toxicology, Mykonos, Greece
28. VARVARIGOS V. GALATIS B. AND KATSAROS C. 2007.
Radial endoplasmic reticulum configurations and polarity establishment in the brown algae. 4th Eur. Phycol. Congress, Oviedo, Spain.
29. TSAGKAMILIS P., POUSSEOS G., and KATSAROS C. 2008.
Reducing phosphate content in sewage effluent by the use of macroalgae: A pilot plant in Ios island (Greece). Abstracts of the 2nd Congress on “Small and decentralized water and waste water treatment plants” Skiathos May 2-4, 2008, pp. 115-120.
30. KATSAROS C., VARVARIGOS V., GACHON, C.M.M., BRAND J., and KÜPPER F.C. 2009. Comparative immunofluorescence and ultrastructural analysis of microtubule organization combined with SSU/ITS sequencing in Streptophytes. Abstracts of IPC9, Tokyo. Phycologia 48 (supplement), pp. 57-58.
31. TERAUCHI, M., KAJIMURA N., NAGASATO C., KATSAROS C., MINEYUKI Y., and MOTOMURA T. 2010. Ultrastructural study on plasmodesmata formed during cytokinesis in the brown alga *Dictyota dichotoma*. Ectocarpus: A decade of algal genomics. Ghent, Belgium, p. 26.
32. TSIRIGOTI A., STRITTMATTER M., GACHON C.M.M., KÜPPER F.C., and KATSAROS C. 2010. Microtubule organization during the infection of *Ectocarpus siliculosus* by the oomycete *Eurychasma dicksonii*. Ectocarpus: A decade of algal genomics. Ghent, Belgium, p. 53.

Published abstracts (National Congresses)

1. GALATIS, B., C. KATSAROS, and K. MITRAKOS. 1974.

- Tubular structures in *Vigna sinensis* plastids. H.B.B.S. News Letter 5, 6-7.
2. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1982.
Microtubule organizing centres in differentiating guard cells of *Adiantum capillus veneris*. Abstracts of the 4th scientific congress of the Hellenic Society of Biological Sciences, Thessaloniki, Greece, pp. 169-171.
 3. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1983.
Synchronous organization of two pre-prophase microtubule bands and cell plate arrangement in subsidiary cell mother cells of three *Triticum* species. Abstracts of the 5th scientific congress of the Hellenic Society of Biological Sciences, Patras, Greece, pp. 33-34.
 6. GALATIS, B., P. APOSTOLAKOS, and C. KATSAROS. 1983.
Spatial inconsistency of pre-prophase microtubule band and final cell plate arrangement in subsidiary cell mother cells of *Triticum*. 3rd Congress of the Hellenic Botanical Society, Thessaloniki, Greece.
 7. KATSAROS, C., and B. GALATIS. 1983.
Formation of apical cells from differentiating thallus cells in three species of Sphacelariales. 3rd Congress of the Hellenic Botanical Society, Thessaloniki, Greece.
 8. KATSAROS, C., and B. GALATIS. 1985.
Ultrastructural study of the development of unilocular sporangia of *Halopteris filicina*. 4th Congress of the Hellenic Botanical Society, Thessaloniki., Greece, pp. 29-34.
 7. KATSAROS, C., KREIMER, G., and MELKONIAN, M. 1990.
Tubulin and centrin localization in vegetative cells and developing gametangia of *Ectocarpus siliculosus*: An immunofluorescence and confocal laser scanning microscope study. Abstracts of the 12th Congress of the Hellenic Society of Biological Sciences. Lesbos, Greece, pp. 111-112.
 8. KATSAROS, C., and K. PENTARIS. 1990.
Tetrasposogenesis in the brown alga *Dictyota dichotoma*. Abstracts of the 12th Congress of the Hellenic Society of Biological Sciences. Lesbos, Greece, pp. 194-195.
 9. KATSAROS, C., and M. MELKONIAN. 1990.

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