Kiriakos Kotzabasis

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COMPLETE LIST OF PUBLICATIONS

- 84 original papers in international peer reviewed Journals
  [**total IF: 250, *h*-index: 25, *i10*-index: 51, citations: 1.915**]
- 10 papers in Referred Proceedings of International Congresses
- 4 Patents
- 4 Invited Chapters in Books.
- 82 Abstracts in Books of Abstracts

A. In International Peer Reviewed Journals

(*: corresponding author)

1. **Kotzabasis K.** and H. Senger* (1986). Isolation and Characterisation of three protochlorphyllides from *Scenedesmus*. Z. Naturforsch. 41 c, 1001-1003.

2. **Kotzabasis K.** and H. Senger* (1986). Novel chlorophyllides in pigment mutant C-2A' of *Scenedesmus obliquus.* Naturwiss. 73: 681-682.
   http://dx.doi.org/10.1007/BF00366696

3. Oh-Hama T., **K. Kotzabasis** and H. Senger* (1987). Temperature inducible protochlorophyllide reduction in darkness in a pigment mutant of *Scenedesmus obliquus*. Physiol. Plant. 69: 29-34.
   http://dx.doi.org/10.1111/j.1399-3054.1987.tb01942.x

4. **Kotzabasis K.**, H. Senger*, P. Langlotz and H. Follmann (1989). Stimulation of protochlorophyllide oxidoreductase by thioredoxin. J. Photochem. Photobiol. B3: 333-339.
   http://dx.doi.org/10.1016/1011-1344(89)80037-5

5. **Kotzabasis K.**, M.-P. Schuring and H. Senger* (1989). Occurence of protochlorophyll and its phorotransformation to chlorophyll in mutant C-2A' of *Scenedesmus obliquus*. Physiol. Plant. 75: 221-226.
   http://dx.doi.org/10.1111/j.1399-3054.1989.tb06172.x

6. D. Dörnemann D., **K. Kotzabasis**, P. Richter, V. Breu and H. Senger* (1989). The regulation of chlorophyll biosynthesis by the action of protochlorophyllide on ^{glu}t-RNA-ligase. Bot. Acta 102: 112-115.

7. **Kotzabasis K.** and H. Senger*(1989). Evidence for the presence of chlorophyllide b in the green alga *Scenedesmus obliquus in vivo.* Bot. Acta 102: 173-177.

8. **Kotzabasis K.** and H. Senger* (1989). Biosynthesis of chlorophyll b in pigment mutant C-2A' of *Scenedesmus obliquus.* Physiol. Plant. 76: 474-478.
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9. **Kotzabasis K.,** V. Breu, and D. Dörnemann* (1989). The inhibitory effect of 4,5-dioxovalerate on 5-aminolevulinate dehydratase and its implication in the regulation of light-dependent chlorophyll formation in pigment mutant C-2A' of *Scenedesmus obliquus.* Biochim. Biophys. Acta *(BIOENERGETICS)* 977: 309-314. http://dx.doi.org/10.1016/S0005-2728(89)80085-4

10. **Kotzabasis K.** and H. Senger* (1990). The influence of 5-aminolevulinic acid on protochlorophyllide and protochlorophyll accumulation in dark-grown *Scenedesmus.* Z. Naturforsch. 45c: 71-73.

11. **Kotzabasis K**., M. Senge, B. Seyfried and H. Senger* (1990). Aggregation of monovinyl- and divinyl-protochlorophyllide in organic solvents. Photochem. Photobiol. 52: 95-101. http://dx.doi.org/10.1111/j.1751-1097.1990.tb01761.x

12. **Kotzabasis K**., S. Romer, and H. Senger* (1990). Temperature dependent reduction of protochlorophyllide in darkness followed by the assembly of active photosystems in pigment mutant C-2A' of *Scenedesmus obliquus.* Physiol. Plant. 78: 635-639. http://dx.doi.org/10.1111/j.1399-3054.1990.tb05253.x

13. **Kotzabasis K.,** S. Miyachi and H. Senger*(1990). Influence of calcium on formation and reduction of protochlorophyllide in the pigment mutant C-2A' of *Scenedesmus obliquus.* Plant Cell Physiol. 31: 419-422. http://pcp.oxfordjournals.org/content/31/4/419.abstract

14. **Kotzabasis K**., K. Humbeck and H. Senger* (1991). Incorporation of photoreduced protochlorophyll into reaction centers. J. Photochem. Photobiol. B8: 255-262. http://dx.doi.org/10.1016/1011-1344(91)80083-T

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24. Dörnemann D., E. Navakoudis and **K. Kotzabasis*** (1996). Changes in the polyamine content of plastidal membranes in light- and dark-grown wild type and pigment mutants of the unicellular greenalga *Scenedesmus obliquus* and their possible role in chloroplast photodevelopment. J. Photochem. Photobiol. B36: 293-299. http://dx.doi.org/10.1016/S1011-1344(96)07393-9

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type and a mutant lacking chlorophyll b of unicellular green alga *Scenedesmus obliquus*. Planta 228: 341-353. http://dx.doi.org/10.1007/s00425-008-0741-1

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