

## ***CURRICULUM VITAE***

**NAME:** Dimitris Kioussis, FRS, F.Med.Sci, M.D., PhD.

**DATE OF BIRTH:** 3rd November, 1949.

**PLACE OF BIRTH:** Athens, Greece.

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### **EDUCATION:**

1975: Medical Degree, Athens University  
Medical School, Greece.

1980: Ph.D.: in Biochemistry, Temple  
University Medical School, Philadelphia, U.S.A.  
*“Studies on the expression of phosphoenolpyruvate  
carboxykinase and albumin genes in the rat”*

**RESEARCH :** Molecular aspects of gene expression in eukaryotes, T-cell  
development and immune regulation.

### **POSITIONS HELD:**

1975-1979: Postdoctoral fellow in Dr. R. W. Hanson's laboratory  
at the FELS Institute, Temple University,  
Philadelphia, U.S.A.

1979-1980: Postdoctoral fellow in Dr.S.M.Tilghman's Laboratory  
at the Institute for Cancer Research,  
Philadelphia, U.S.A.

1980-1982: Postdoctoral fellow in Dr.R.A.Flavell's laboratory  
at the National Institute for Medical Research,  
Mill Hill, London.

1982-1984: MRC scientific staff member in the  
Laboratory of Gene Structure and

- Expression, National Institute for Medical Research, Mill Hill, London.
- 1984-1986: Lecturer, Immunology Department, Middlesex Hospital Medical School.
- 1986-1991: MRC senior scientific staff member in the Laboratory of Gene Structure and Expression, National Institute for Medical Research, Mill Hill, London.
- 1991- 2010: Head of Division of Molecular Immunology, National Institute for Medical Research, Mill Hill, London.

**MEMBERSHIPS:**

- 1997 Elected member of European Molecular Biology Organisation
- 2002 Elected fellow of The Academy of Medical Sciences
- 2009 Elected Fellow of the Royal Society

**EDITORIAL and COMMITTEE WORK:**

- 2002-2005 Associate Editor of Journal of Immunology
- 2003- 2007 Member of the Human Frontiers Science Program evaluation committee
- 2004- Member of European Union FP6/FP7 programme evaluation committee
- 2004- Member of the Lady Tata Memorial Trust Scientific Advisory Committee
- 2006- Member of the Sectional Committee of the Academy of Medical Sciences
- 2008- Member of EMBO fellowships committee

2009- Panel member of the ERC Advanced Grants  
Committee

**REVIEWING:**

**Funding Bodies such as:**

Austrian Science Fund (FWF)  
BBSRC  
Research Grants Council, Hong Kong  
National Health and Medical Research Council (Australia)  
Dutch Cancer Society  
Leukaemia Research Fund  
Wellcome Trust Fund

**Journals such as:**

Immunity, Nature, Nature Immunology, Nature Reviews  
Immunology, EMBO J, J. Exp. Med., Nucleic Acids Research

**INVITED SPEAKER IN:**

Cold Spring Harbor Symposia, Keystone Symposia, European  
Federation of Immunological Societies (EFIS), FASEB  
conference, Federation of Clinical Immunological Societies  
(FOCIS), Rolduc Thymus Meeting, Various Institutions and  
Universities in the UK, Europe and USA

## PUBLICATIONS

1. Iynedjian, P. B., Kioussis, D., Garcia-Ruiz, J. P., and Hanson, R. W.  
*Hormonal Regulation of Phosphoenolpyruvate Carboxykinase (GTP) Synthesis.*  
**FEBS Federation of European Biochemical Societies, 11th Meeting, Copenhagen, 1977, 42, 83.**
2. Kioussis, D., Reshef, L., Cohen, H., Tilghman, S. M., Iynedjian, P. B., Ballard, F. J. and Hanson, R. W.  
*Alterations in translatable messenger RNA coding for Phosphoenolpyruvate Carboxykinase (GTP) in rat liver cytosol during deinduction.*  
**J. Biol. Chem., 1978, 253, 4327.**
3. Hanson, R., Gimballa, M. A., Garcia-Ruiz, J., Nelson, K. and Kioussis, D.  
*Regulation of Phosphoenolpyruvate Carboxykinase (GPT) synthesis.*  
In: **Modulation of Protein Function**, Academic Press, 1979, pp.357-368.
4. Kioussis, D., Hamilton, R., Hanson, R. W., Tilghman, S. M. and Taylor, J. M.  
*Construction and cloning of rat albumin structural gene sequences.*  
**Proc. Natl. Acad. Sci. U.S.A., 1979, 76, 4370.**
5. Tilghman, S. M., Kioussis, D., Gorin, M. B., Garcia-Ruiz, J. and Ingram, R. S.  
*The presence of intervening sequences in the  $\alpha$ -fetoprotein gene of the mouse.*  
**J. Biol. Chem., 1979 254, 7393-7399.**
6. Ordahl, C. P., Kioussis, D., Tilghman, S. M., Ovitt, C. E. and Fornwald, J.  
*Molecular cloning of developmentally regulated, low-abundance mRNA sequences from embryonic muscle.*  
**Proc. Natl. Acad. Sci. U.S.A., 1980, 77, 4519-4523.**
7. Kioussis, D., Eiferman, F., van de Rijn, P., Gorin, M. B., Ingram, R. S. and Tilghman, S. M.  
*The evolutionary relationship between the alpha-fetoprotein and albumin genes in the mouse.*  
**J. Biol. Chem., 1981, 256, 1960-1967.**
8. Flavell, R. A., Bud, H., Bullman, H., Dahl, H., deBoer, E., deLange, T., Groffen, J., Grosveld, F., Grosveld, G., Kioussis, D., Moschonas, N. and Shewmaker, C.  
*Expression of globin genes in vivo and in vitro.*  
In: **Genes and Tumor Genes.** Eds. E. L. Winnacker and H. H. Schone.  
Raven Press, New York, 1982, 9, p.121.
9. Flavell, R. A., Bud, H., Bullman, H., Dahl, H., deBoer, E., deLange, T., Groffen, J., Grosveld, F., Grosveld, G., Kioussis, D., Moschonas, N. and Shewmaker, C.  
*Globin gene expression in vivo and in vitro.*  
In: **Organization and Expression of Globin Genes.**  
2nd Conference on Hemoglobin Switching, Airlie, Virginia, U.S.A.  
Alan R. Liss, New York, 1981, Eds. G. Stamatoyannopoulos and A. W.

- Nienhuis, pp. 119-126.
10. Flavell, R. A., Bud, H., Bullman, H., DeBoer, E., Dahl, H., deLange, T., Groffen, J., Grosveld, F., Grosveld, G., Kioussis, D., Moschonas, N. and Shewmaker, C.  
*Expression of globin genes.*  
**5th European Symposium on "Hormone and Cell Regulation".**  
Bischenberg, Bischoffsheim, Alsace, France.  
J. E. Dumont and J. Nunez (Eds.) Elsevier/North-Holland Biomedical Press, 1981, 5, pp. 139-148.
  11. Flavell, R. A., Grosveld, F., Grosveld, G., Wright, S., Busslinger, M., deBoer, E., Kioussis, D., Mellor, A., Golden, L., Weiss, E., Hurst, J., Bud, H., Bullman, H., Simpson, E., James, R., Townsend, A., Taylor, P., Schmidt, W., Ferluga, J., Leben, L., Santamaria, M., Atfield, G. and Festenstein, H.  
*Structure and expression of globin and H-2 genes.*  
In: **Gene Regulation.** UCLA Symposia on Molecular and Cellular Biology, Vol. XXVI. Eds. B. O'Malley and C. F. Fox, Academic Press, New York, 1982, pp. 17-33.
  12. Flavell, R. A., Grosveld, F., Busslinger, M., deBoer, E., Kioussis, D., Mellor, A. L., Golden, L., Weiss, E., Hurst, J., Bud, H., Bullman, H., Simpson, E., James, R., Townsend, A. R. M., Taylor, P. M., Schmidt, W., Ferluga, J., Leben, L., Santamaria, M., Atfield, G. and Festenstein, H.  
*Structure and expression of the human globin genes and murine histocompatibility antigen genes.*  
**Cold Spring Harbor Symposium on Quantitative Biology**, Vol. XLVII, 1983, pp. 1067-1078.
  13. Kioussis, D., Vanin, E., deLange, T., Flavell, R. A. and Grosveld, F. G.  
 *$\beta$ -globin gene inactivation by DNA translocation in  $\gamma\beta$ -thalassaemia.*  
**Nature**, 1983, 305, 333-338.
  14. Grosveld, F. G., Kioussis, D., Busslinger, M., Wright, S., Hurst, J., Vanin, E. and Flavell, R. A.  
*DNA methylation and globin gene expression.*  
In: **Transfer and expression of eukaryotic genes.**  
Proceedings of P. and S. Biomedical Sciences Symposia.  
Eds. H. S. Ginsberg and H. J. Vogel. Academic Press, 1984, pp. 39-54.
  15. Vanin, E., Henthorn, P., Kioussis, D., Grosveld, F. G. and Smithies, O.  
*Unexpected relationships between four large deletions in the human  $\beta$ -globin gene cluster.*  
**Cell**, 1983, 35, 701-709.
  16. Todokoro, K., Kioussis, D. and Weissman, C.  
*Two non-allelic human interferon alpha genes with identical coding regions.*  
**EMBO J.**, 1984, 3, 1809-1812.

17. Kioussis, D., Wilson, F., Khazaie, K. and Grosveld, F. G.  
*Differential expression of human globin genes introduced in K562 cells.*  
**EMBO J.**, 1985, 4, 927-931.
18. Wright, S., Taramelli, R., Rosenthal, A., deBoer, E., Antoniou, M., Kioussis, D., Wilson, F., Hurst, J., Bartram, C., Athanassiadou, A. and Grosveld, F. G.  
*DNA sequences required for regulated expression of the human  $\beta$ -globin gene.*  
In: **Experimental Approaches for the Study of Hemoglobin Switching.**  
Progress in Clinical and Biological Research. Eds. A. Nienhuis and G. Stamatoyannopoulos. Alan R. Liss Inc., New York, Vol. 191, 1985, 251-268.
19. Taramelli, R., Kioussis, D., Vanin, E., Bartram, K., Groffen, J., Hurst, J. and Grosveld, F. G.  
 *$\gamma\delta\beta$ -thalassaemias 1 and 2 are the result of a 100kb deletion in the human  $\beta$ -globin cluster.*  
**Nucl. Acids Res.**, 1986, 14, 7017-7029.
20. Kioussis, D. and Grosveld, F.  
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21. Kioussis, D., Wilson, F., Daniels, C., Leveton, C., Taverne, J. and Playfair, J. H. L.  
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**EMBO J.**, 1987, 6, 355-3611.
22. Savill, C.M., Delves, P.J., Kioussis, D., Walker, P., Lydyard, P.M., Colaco, B., Shipley, M., and Roitt, I.M.  
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23. Lang, G., Wotton, D., Owen, M. J., Sewell, W. A., Brown, M. H., Mason, D. Y., Crumpton, M. J. and Kioussis, D.  
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**EMBO J.**, 1988, 7, 1675-1682.
24. Greaves, D. R., Wilson, F., Lang, G. and Kioussis, D.  
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**Cell**, 1989, 56, 979-986.
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*Complex lymphoid and epithelial thymic tumours in Thy1-myc transgenic mice.*  
**Nature**, 1989, 342, 185-189.

26. Brown, M.H., Monostori, E., Zamoyska, R., Lang, G., Kioussis, D. and Crumpton, M.J.  
*Structure-function relationships of the human T lymphocyte CD2 antigen.*  
**Cold Spring Harb. Symp. Quant. Biol.** 1989, 54 Pt 2 627-36
27. Lund, T., O'Reilly, L., Hutchings, P., Kanagawa, O., Simpson, E., Gravely, R., Chandler, P., Dyson, J., Picard, J., Edwards, A., Kioussis, D. and Cooke, A.  
*Prevention of insulin-dependent diabetes mellitus in non-obese diabetic mice by transgenes encoding modified I-A  $\beta$ -chain or normal I-E  $\alpha$ -chain.*  
**Nature**, 1990, 345, 6277.
28. Makni, H., Malter, J. S., Reed, J. C., Nobuhiko, S., Lang, G., Kioussis, D., Trinchieri, G. and Kamoun, M.  
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**J. Immunol.**, 1991, 146, 2522-2529.
29. Robey, E. A., Fowlkes, B. J., Gordon, J. W., Kioussis, D., von Boehmer, H., Ramsdel, F. and Axel, R.  
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*Direct derivation of conditionally immortal cell lines from an H-2K<sup>b</sup>tsA58 transgenic mouse.*  
**Proc. Natl. Acad. Sci. U.S.A.**, 1991, 88, 5096-5100.
31. Robey, E., Ramsdell, F., Elliott, J., Raulet, D., Kioussis, D., Axel, R. and Fowlkes, B. J.  
*Expression of CD4 in transgenic mice alters the specificity of CD8 cells for allogeneic MHC.*  
**Proc. Natl. Acad. Sci. U.S.A.**, 1991, 88, 608.
32. Maschio, A., Brickell, P.M., Kioussis, D., Mellor, A.L., Katz, D., and Craig, R.K.  
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**Biochem. J.**, 1991, 275, 459-467.
33. O'Reilly, L. A., Hutchings, P. R., Crocker, P. R., Simpson, E., Lund, T., Kioussis, D., Takei, E., Baird, J. and Cooke, A.  
*Characterization of pancreatic islet cell infiltrates in NOD mice: effect of cell transfer and transgene expression.*  
**Eur. J. Immunol.**, 1991, 21, 1171-1180.

34. Keffer, J., Probert, L., Cazlaris, H., Georgopoulos, S., Kaslaris, E., Kioussis, D. and Kollias, G.  
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**EMBO J.**, 1991, 10, 4025-4031.
35. Lang, G., Mamalaki, C., Greenberg, D., Yannoutsos, N., Kioussis, D.  
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**Nucl. Acids. Res.**, 1991, 19, 5851-5856
36. Heisterkamp, N., Jenster, G., Kioussis, D., Pattengale, P.K., Groffen, J.  
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**Transgenic Research**, 1991, 1, 45-53.
37. Monostori, E., Lang, G., Kioussis, D., Cantrell, D. A., Zamoyska, R., Brown, M. H. and Crumpton, M. J.  
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**Immunology**, 1991, 74, 369-372.
38. Kioussis, D.  
*Oncogenesis and transgenic mice*  
In : **Transgenic Mice in Biology and Medicine.**  
Eds. F. Grosveld and G. Kollias, Academic Press Ltd. 1992
39. Mamalaki, C., Norton, T., Tanaka, Y., Townsend, A.R., Chandler, P., Simpson, E., Kioussis, D.  
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In: **Tumor Necrosis Factor: Structure-Function Relationship and Clinical Application.**  
Basel, Karger, 1992, 159-165
41. Kollias, G., Corbella, P., Dodou, E., Georgopoulos, S., Hislop, S., Kazlaris, E., Kioussis, D., Pasparakis, M., and Probert, L.  
*Transgenic Models of Tumor Necrosis Factor Mediated Disease.*  
In: **Tumor Necrosis Factor: Structure-Function Relationship and Clinical Application.** Basel, Karger,1992, 153-161
42. Robey, E.A., Ramsdell,F., Kioussis, D., Sha, W., Loh, D., Axel, R. and Fowlkes, B.J.  
*The level of CD8 expression can determine the outcome of thymic selection.*  
**Cell**, 1992, 69, 1089-1096.



43. Iwamotoo, T., Hagiwara, M., Hidaka, H., Isomura, T., Kioussis, D., and Nakashima, I. *Accelerated proliferation and Interleukin-2 production of thymocytes by stimulation of soluble anti-CD3 monoclonal antibody in transgenic mice carrying a rabbit protein kinase C $\alpha$* . **J. Biol. Chemistry**, 1992, 267, 18644-18648.
44. Robey, A.E., Ramsdell, F., Gordon, J.W., Mamalaki, C., Kioussis, D., Youn, H.J., Gottleib, P.D., Axel, R. and Fowlkes, B.J. *A self-reactive T-cell population that is not subject to negative selection*. **Int. Immunol.**, 1992, 4, 969-974.
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46. Quin, S., Cobbold, S.P., Pope, H., Elliott, J., Kioussis, D., Davies, J. and Waldmann, H. *"Infectious" Transplantation Tolerance*. **Science**, 1993, 259, 974-977.
47. Tanaka, Y., Mamalaki, C., Stockinger, B. and Kioussis, D. *In vitro negative selection of  $\alpha\beta$  TCR transgenic thymocytes by conditionally immortalized thymic cortical epithelial cell lines and dendritic cells*. **Eur. J. Immunol.**, 1993, 23, 2614-2621.
48. Mamalaki, C., Tanaka, Y., Corbella, P., Chandler, P., Simpson, E. and Kioussis, D. *T-cell deletion follows chronic antigen specific T-cell activation in vivo*. **Int. Immunol.**, 1993, 5, 1285-1292.
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**J. Exp. Med.**, 1994, 179, 1233-1242.
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**J. Immunol.**, 1994,152, 2753-2767
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**Immunity**, 1994, 1, 269-276.
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**Eur. J. Immunol.**, 1994, 24, 2317-2322.
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*Embryonic expression and cloning of the murine gata-3 gene.*  
**Development**, 1994, 120, 2673-2686.
60. Elliott, J.I., Festenstein, R., Tolaini, M. and Kioussis, D.  
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**EMBO J.**, 1995, 14, 575-584.
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**Eur. J. Immunol**, 1995, 25, 1755-1759.
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- J. Immunol.**, 1995, 154, 5567-5575.
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**Immunity**, 1995, 3, 407-426.
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**J. Immunol. Methods**, 1995, 185, 133-140.
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**Eur. J. Immunol.**, 1996, 26, 532-538.
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