

Dr. Srinivasan Narasimhan

Professor
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(CARE)



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Qualifications:

Ph.D.: Dept. of Endocrinology, University of Madras. 1985

M.Phil.: Dept. of Endocrinology, University of Madras. 1978

M.Sc.: Zoology, Presidency college, Chennai. 1976

Research Interests:

Endocrinology, Bone metabolism, *in vitro* & *in vivo* experimental and clinical Research.

Post-Doc / Work Experience:

2014 – Present: Professor, Chettinad Academy of Research & Education, Kelambakkam,
Chennai 603 103, INDIA

1998 – 2012: Professor, University of Madras, Chennai, TN

1992 – 1998: Reader, University of Madras, Chennai, TN

1986 – 1992: Lecturer, University of Madras, Chennai, TN

1982 – 1986: Asst. Prof., Director of Collegiate Education, Govt. of Tamil Nadu. TN.

Summary of Research:

No. of Publications	60	Citations	1520	h-index	21
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Publications:

1. Polychlorinated biphenyl (PCBs)-induced oxidative stress plays a role on vertebral antioxidant system: Ameliorative role of vitamin C and E in male Wistar rats. *Biomed Prev Nutr* (2014), Karthikeyan S, Sridhar M, Ramajayam G, Lavanya R, Arunakaran J, **Srinivasan N** <http://dx.doi.org/10.1016/j.bionut.2014.04.004>
2. Effect of Statins with α -Tricalcium Phosphate on Proliferation, Differentiation, and Mineralization of Human Dental Pulp Cells (2013) Varalakshmi PR, Kavitha M, Ramajayam G, and **Srinivasan N** *J Endod* :1-7
3. Di 2-Ethyl Hexyl Phthalate Affects differentiation and matrix mineralization of rat calvarial osteoblasts – in vitro (2013) Bhat FH, Ramajayam G, Parameswari S, Vignesh RC, Karthikeyan S, Senthilkumar K, Karthikeyan GD, Balasubramanian K, Arunakaran J, **Srinivasan N** *Toxicology in Vitro* 27 : 250–256 I.F= 2.7
4. Age related changes in serum insulin-like growth factor –II and its binding proteins correlate with calcaneal bone mineral density among post-menopausal South-Indian women(2012) Sittadjody S, Ilangoan R, Thilakavathy T, Vignesh RC, Veni S, Bertoni AG, Srinivasan S, Subramanian C, and **Srinivasan N** *CLINICA CHIMICA ACTA* 414:281-288 I.F 2.8
5. Regulation of Insulin-like growth factors and their binding proteins by thyroid stimulating hormone in human osteoblast-like (SaoS2) cells (2012) Ramajayam G, Vignesh RC, Karthikeyan S, Senthilkumar K, Karthikeyan GD, Veni S, Sridhar M, Arunakaran J, Aruldhas MM, **Srinivasan N** *Molecular and Cellular Biochemistry* DOI 10.1007/s11010-012-1345-4 (IF=2.057)
6. Synthesis, characterization and biological action of nano-bioglass ceramic particles for bone formation(2012). Moorthi A, Saravanan S, Srinivasan N, Partridge NC, Zhu J, Qin L and Selvamurugan N. *Journal of Biomaterials and Tissue Engineering* 2 197-205
7. Androgen receptor expression in human thyroid cancer tissues: A potential mechanism underlying the gender bias in the incidence of thyroid cancer(2012) Stanley JA, Aruldhas MM, Chandrasekaran M, Neelamohan R, Suthagar E, Annapoorna K, Sharmila S, Jayakumar J, Jayaraman G, **Srinivasan N**, Banu SK *Journal of Steroid Biochemistry & Molecular Biology* 130 105-124(IF=2.866)
8. Synthesis, characterization, and antimicrobial activity of nano-hydroxyapatite zinc for bone tissue engineering applications (2012) Swetha M, Sahithi K, Moorthi A, Saranya N, Saravanan S, Ramasamy K, **Srinivasan N** and Selvamurugan N *J Nanosci Nanotechnol* 1: 167 – 172 ISSN 1533-4880 I.F=7.5

9. *Cissus quadrangularis* augments IGF system components in human osteoblast like SaOS-2 cells (2011) Sridhar M, Ilangovan R, Senthilkumar K Ramajayam G, and **Srinivasan N** *Growth Hormone and IGF Research* **21** 343–348 I.F 2.8
10. Effects of *Cissus quadrangularis* on the Proliferation, Differentiation and Matrix Mineralization of Human Osteoblast Like SaOS-2 Cells (2011) Muthusami S, Senthilkumar K, Vignesh RC, Ilangovan R, Stanley J, Selvamurugan N and **Srinivasan N** *J Cellular Biochemistry* **112** 1035-1045 ISSN: 0730-2312 I.F=3.122
11. Biocomposites containing natural polymers and hydroxyapatite for bone tissue engineering (2010) Swetha M, Sahithi K, Moorthi A, **Srinivasan N**, Ramasamy K, and Selvamurugan N *INT J BIOLOGICAL MACROMOLECULES* **47** 1-4 ISSN: 0141-8130 I.F=2.502
12. Synthesis and Characterization of Nanoscale-Hydroxyapatite-Copper for Antimicrobial Activity Towards Bone Tissue Engineering Applications(2010) Sahithi K, Swetha M, Prabakaran M, Moorthi A, Saranya N, Ramasamy K, **Srinivasan N**, Partridge NC, and Selvamurugan N *J BIOMEDICAL NANOTECHNOL* **6** 333-339 ISSN: 1550-7033 I.F=2.626
13. Polymeric composites containing carbon nanotubes for bone tissue engineering (2010) Sahithi K Swetha M, Ramasamy K, **Srinivasan N** and Selvamurugan N *Int J Biol Macromol* **46** 281-283 ISSN 0141-8130 I.F=2.453
14. Osteoblast response to commercially available demineralized bone matrices- An in-vitro study (2010). Thangakumaran S, Arun KV, Sabitha Sudarsan, Avaneendra Talwar, **Srinivasan N** *Indian J.Dent. Res* **21** 3-9 I.F= 0.665
15. Dihydrotestosterone is a determinant of calcaneal bone mineral density in men (2009). Ilangovan R, Sittadjody S, Balaganesh M, Sivakumar R, Ravi Sankar B, Balasubramanian K, Srinivasan S, Subramanian C, Thompson DM, Queimado L and **Srinivasan N** (2009). *Journal of Steroid Biochemistry & Molecular Biology* **117** 132-138 ISSN: 0960-0760 I.F= 2.886
16. Transforming Growth Factor-beta 1 Regulation of ATF-3 and Identification of ATF-3 Target Genes in Breast Cancer Cells (2009) Kwok S, Rittling SR, Partridge NC, Benson CS, Thiyagaraj M, **Srinivasan N**, Selvamurugan N *J Cellular Biochemistry*, **108** 408-414 ISSN: 0730-2312 I.F= 3.122
17. Mitogen activated protein kinase-dependent inhibition of osteocalcin gene expression by transforming growth factor β 1 (2009) Kwok S, Partridge NC, **Srinivasan N**, Nair SV and Selvamurugan N (2009) *J Cellular Biochemistry*, **106** 161-169 ISSN: 0730-2312 I.F= 3.122

18. Protective role of melatonin on PCB (Aroclor 1254) induced oxidative stress and changes in acetylcholine esterase and membrane bound ATPases in cerebellum, cerebral cortex and hippocampus of adult rat brain (2008) Venkataraman P, Krishnamoorthy G, Vengatesh G, **Srinivasan N**, Aruldas MM and Arunakaran J *INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE* **26** 585-591 ISSN: 0300-483X I.F=3.215
19. Effects of Aroclor 1254 on femoral bone metabolism in adult male Wistar rats (2007). Ramajayam G, Sridhar M, Karthikeyan S, Lavanya R, Veni S, Vignesh RC, Ilangovan R, Sitta Djody S, Gopalakrishnan V, Arunakaran J, **Srinivasan N** *Toxicology* **241** 99-105 I.F=3.641
20. Modulation of antioxidant defense system by the environmental fungicide carbendazim in Leydig cells of rats (2007) Rajeswary S, Kumarana B, Ilangovan R, Yuvaraj S, Sridhar M, Venkataraman P, **Srinivasan N** and Aruldas MM *REPRODUCTIVE TOXICOLOGY* **24** 371-380 ISSN: 0890-6238 I.F=3.137
21. PCB (Aroclor 1254) enhances oxidative damage in rat brain regions: Protective role of ascorbic acid (2007) Venkataraman P, Muthuvel R, Krishnamoorthy G, Arunkumar A, Sridhar M, **Srinivasan N**, Balasubramanian K, Aruldas MM and Arunakaran J *NEUROTOXICOLOGY* **28** 490-498 ISSN: 0161-813X I.F=2.921
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26. Garlic compound, diallyl disulfide induces cell cycle arrest in prostate cancer cell line PC-3 (2006) Arunkumar A, Vijayababu MR, **Srinivasan N**, Aruldas MM and Arunakaran J *MOLECULAR AND CELLULAR BIOCHEMISTRY* **288** 107-113 ISSN: 0300-8177 I.F=2.168

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33. Antioxidant role of zinc in PCB (Aroclor 1254) exposed ventral prostate of albino rats (2004) Venkataraman P, Sridhar M, Dhanammal S, Vijayababu MR, **Srinivasan N**, Arunakaran J *J Nutritional Biochem* **15** 608-613 **ISSN:** 0955-2863 I.F=4.538
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46. Development, Validation, and application of a radioimmunoassay for Insulin-like growth factor binding protein-5 in human serum and other biological fluids (1995) Mohan S, Libanati C, Dony C, Lang K, **Srinivasan N** and Baylink DJ *J Clin Endocrinol Metab* **80** 2638-2645 IF=5.967
47. Effects of prolactin and androgens on enzymes of carbohydrate metabolism in seminal vesicles of castrated mature Bonnet monkeys, *Macaca radiata* (1993) Arunakaran J,

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