

## SCOPUS INDEXED ARTICLES

1. Ashraf PM, Vrindha KR, Binsi PK, **Thomas NG**. Nano carbon dot-collagen peptide–hydroxyapatite composite coating for bone tissue regeneration. *Next Mater.* 2025;8:100914.
2. Baipadavu J, Chirakara RA, Anekar J, Kumar KS, **John IE**. Estimation of unstimulated salivary flow rate, pH, calcium, and potassium in pre- and postmenopausal women in relation to oral symptoms. *World J Dent.* 2025;16(3):265-70.
3. Dan A, Panigrahi A, Singh H, Murali V, Meena M, Goyel P, **Sharlene Sara Babu** et al. Engineering a bacterial polysaccharide-based metal-organic framework-enhanced bioactive 3D hydrogel for accelerated full-thickness wound healing. *Biomater Sci.* 2025;13(15):4107-22.
4. Kavya S, **Thomas George V, Thomas NG**, Rakesh M, Lekshmi M, Appukuttan A, et al. Salivary cystatin C as a potential biomarker in stage III/IV periodontitis: a comparative study. *J Int Oral Health.* 2025;17(4):316-22.
5. Koshy JT, Reshmy R, Sangeetha D, Dalvi YB, Varghese R, Sachin KS, **Sharlene Sara Babu** et al. Tissue engineered implants derived from sustainable nanocellulose and polyethylene glycol (PEG) loaded with polyphenols: an in vivo study on albino rats for wound dressing. *Int J Biol Macromol.* 2025;315:144415.
6. Mohammed R, Chacko SK, Raneesh B, **Thomas NG**, Binsi PK, Muhamed Ashraf P, et al. Catechin as a functional additive in electrospun PCL/gelatin/nHA nanocomposite fibers for tissue engineering applications. *J Appl Polym Sci.* 2025;142(1):e56308.
7. Naik S, Vellappally S, Alateek M, Alrayyes YF, Kheraif AAAA, Alnassar TM, **Thomas NG**, et al. Patients' acceptance and intentions on using artificial intelligence in dental diagnosis: insights from unified theory of acceptance and use of technology 2 model. *Int Dent J.* 2025;75(6):103893.
8. Nazar J, Nair RU, Thelekkat Y, Sheriff R, Karukappillil PK, Madhu Usha AM, **Rony Mukkoottil Philip**, et al. Comparing the clinical and microbiological effects of antibacterial-coated Vicryl suture and non-coated Vicryl suture after minor oral surgical procedures. *J Maxillofac Oral Surg.* 2025;24(2):557-68.
9. Pallavi S, **Devadathan A**, Pampadykandathil LP, Chandrababu V, Nagaraj NJ, Alexander AK. In vitro evaluation of the antimicrobial efficacy, antibiofilm effect, and resistance

- to biodegradation of a novel composite against Streptococcus mutans. J Conserv Dent Endod. 2025;28(10):1001-6.
10. Punnen CR, **Thomas E, Prathap A**, Udayakumar V, **Rajan R**. Comparison between retromandibular approach versus transmasseteric anteroparotid approach in open reduction and internal fixation of mandibular condylar fractures: a prospective observational study. J Emerg Med Trauma Acute Care. 2025;2025(2):16.
  11. Sowndarya A, Daniel Thangadurai T, **Thomas NG**, Sreedharan R, Sukumaran S, Nandhakumar M, et al. Effect of surface-engineered AuNPs on gene expression, bacterial interaction, protein denaturation, and toxicology assay: an in vitro and in vivo model. J Mater Chem B. 2025;13(7):2409-17.
  12. Thomas B, Velliavettill TG, Pratheesh KV, Varghese MG, Raju RS, Dalvi YB, **Thomas NG** et al. In vitro and in vivo biocompatibility of a porcine cholecystic extracellular matrix (CECM) membrane for tissue regeneration. BDJ Open. 2025;11(1):81.
  13. Thomas JT, Joseph B, Varghese S, **Thomas NG**, Kamalasanan Vijayakumary B, Sorsa T, et al. Association between metabolic syndrome and salivary MMP-8, myeloperoxidase in periodontitis. Oral Dis. 2025;31(1):225-38.
  14. **Thomas NG**, Junior FGdS, Ninan N, Sukumaran S, Raju RS, Varghese N, et al. Bioglass in dentistry: a comprehensive review of current applications and innovative frontiers. J Dent. 2025;162:106017.
  15. Vellappally S, Naik S, Al-Kheraif AA, Alayadi H, Alageel O, Alsarani MM, **Thomas NG** et al. Fluoride concentrations in different brands of toothpaste marketed in Saudi Arabia. Int J Dent Hyg. 2025;23(2):353-61.
  16. Verma N, **Nampoothiri DP**, Pai DR, Reddy U, Venugopalan D, Ninan J. The effect of different bonding agents on the bond strength of denture teeth to acrylic resin. J Pharm Bioallied Sci. 2025 Jun;17(Suppl 2):S1499-501.

#### **WEB OF SCIENCE INDEXED ARTICLES**

1. Ashraf P, Muhamed Vrindha KR, Binsi PK, **Thomas NG**, George N. Nano carbon dot-collagen peptide - Hydroxyapatite composite coating for bone tissue regeneration. Next Materials. 2025;8:100914.

2. **George AK**, Malaiappan S, Narayan NV, Jayaraman V, Suresh SS, Nidhita. Short-term Effects of Non Surgical Periodontal Therapy on Oral Fluid Calprotectin Levels in Stages III or IV Periodontitis: A Longitudinal Observational Study. *J Clin Diagn Res.* 2025;19(12):ZC12-ZC16.
3. **Kavya S, Thomas GV, Thomas N**, George NR, Lekshmi MR, Appukuttan AM, Prabhu VAV. Salivary Cystatin C as a Potential Biomarker in Stage III/IV Periodontitis: A Comparative Study. *J Int Oral Health.* 2025;17(4):316-322.
4. Verma N, **Nampoothiri DP**, Pai DR, Reddy U, Venugopalan D, Ninan J. The Effect of Different Bonding Agents on the Bond Strength of Denture Teeth to Acrylic Resin. *J Pharm Bioallied Sci.* 2025;17(Suppl 2):S1499-S1501.
5. **George AK**, Malaiappan S, Narayan NV, Jayaraman V, Suresh SS, Nidhita. Gingival Crevicular fluid levels of Myeloid related proteins (MRPs 8/14, MRP8 and MRP14) in clinical periodontal health and disease-A cross sectional study. *Oral Maxillofac Pathol J.* 2025;16(2):157-162
6. **George AK**, Malaiappan S, Narayan NV, Jayaraman V, Suresh SS, Nidhita. . Short-term Effects of Non Surgical Periodontal Therapy on Oral Fluid Calprotectin Levels in Stages III or IV Periodontitis. *J Pharm Bioallied Sci.* 2025;17(Suppl 2):S1773-S1775.
7. Dan A, Panigrahi A, Singh A, Murali H, Meena V, Goyel M, Karthikeyan L, Misra SK, Varghese N, **Babu SS**, Dalvi SS, Dhanka YB, Mukesh. Engineering a bacterial polysaccharide-based metal-organic framework-enhanced bioactive 3D hydrogel for accelerated full-thickness wound healing. *Biomater Sci.* 2025;13(15).
8. Vellappally SN, Naik S, Al Kheraif AAA, Alayadi HA, Alageel O, Alsarani MM, Ramadoss R, **Thomas NG**, Alateek MA, Anil S. Fluoride Concentrations in Different Brands of Toothpaste Marketed in Saudi Arabia. *Int J Dent Hyg.* 2025;23(2):353-361.
9. Anthony A, Eluru M, Sharma R, Mohammed I, Jayaraj M, **Abraham N**. In vitro Assessment of a Deep Learning-Based System for Computer-Aided Diagnosis and Treatment Planning in Orthodontics: A Virtual Study Using Digital Models. *J Pharm Bioallied Sci.* 2025;17(Suppl 3):S2641-S2643.
10. Sowndarya A, Thangadurai TD, **Thomas NG**, George NS, Sreedharan R, Anil S, Manjubaashini NB, Babu TG, Satheesh Kumar SM. Effect of surface-engineered AuNPs on gene expression, bacterial interaction, protein denaturation, and

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11. Koshy J, Thomas TR, Reshmy RS, Dalvi YB, Varghese RB, Sachin KS, Darmenbayeva A, Zhussipnazarova G, **Babu SS**, Philip EN. Tissue engineered implants derived from sustainable nanocellulose and polyethylene glycol (PEG) loaded with polyphenols: An in vivo study on albino rats for wound dressing. *Int J Biol Macromol*. 2025;315:144415.
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2. Bhatt S, Reshma TS, Mammen J, Sharma D, **Raj V**, Gupta S. Assessment of Peri-Implant Bone Loss in Smokers vs. Non-Smokers: A Prospective Study. *J Pharm Bioallied Sci*. 2025 June;17(Suppl 2):S1773–5.
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bioactive 3D hydrogel for accelerated full-thickness wound healing. *Biomater Sci.* 2025 July 22;13(15):4107–22.

4. Joseph S, Rasheed N, Joseph AM, **Mathew S, Abraham JP**. Rehabilitating a Complex Mid-facial Defect With an Interim, Magnet-Retained, Two-Piece Acrylic Prosthesis: A Case Report. *Cureus.* 2025 Apr;17(4):e82135.
5. Koshy JT, Reshmy R, Sangeetha D, Dalvi YB, Varghese R, K S S, **Thomas NG** et al. Tissue engineered implants derived from sustainable nanocellulose and polyethylene glycol (PEG) loaded with polyphenols: An in vivo study on albino rats for wound dressing. *Int J Biol Macromol.* 2025 June;315(Pt 1):144415.
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9. **Philip T, George B, Soman RR**. Knowledge about Kerala University of Health Sciences among Undergraduate Dental Students in Kerala, India - A Cross-Sectional Study. *Indian J Dent Res.* 2025 Aug 4;
10. **Rajeevan RA, Aparna K**, Elenjickal MG, Valliaveettil TG, **Joseph E, John J, ..., Thomas NG**, et al. Oral health disparities among children with special healthcare needs: a comparative cross-sectional study. *Eur Arch Paediatr Dent.* 2025 Nov 14;
11. Sowndarya A, Daniel Thangadurai T, **Thomas NG**, Sreedharan R, Anil S, Manjubaashini N, et al. Effect of surface-engineered AuNPs on gene expression, bacterial interaction, protein denaturation, and toxicology assay: an in vitro and in vivo model. *J Mater Chem B.* 2025 Feb 12;13(7):2409–17.

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