

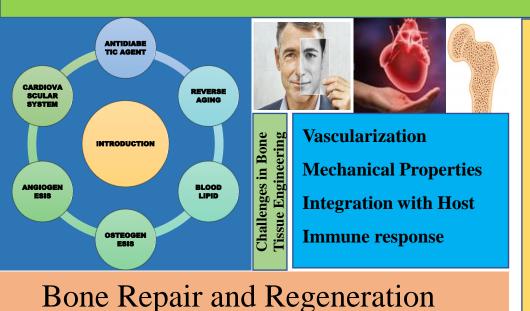




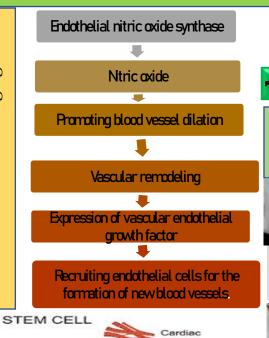




'Effects of Metformin Delivery via Biomaterials on Bone and Dental Tissue Engineering'







METFORMIN IN DENTISTRY

Combination of metformin and double antibiotic paste for the regeneration of non-vital immature teeth



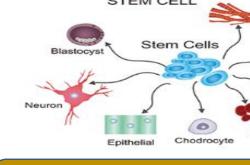


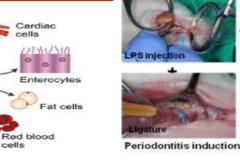


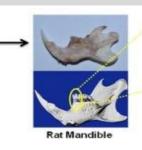


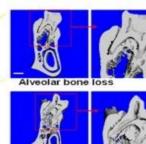
HOTODYNAMIC

Chitosan based metformin intrapocket dental film for the management of periodontitis and alveolar bone









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Conclusion

Cell Seeding

Addition of

rowth Factors

n Vitro Cultivation

Implantation

Remodeling

Metformin loaded biomaterials have high potential in a wide range of bone and dental tissue regeneration and development applications

REFERENCES

Triggle, C.R.; Mohammed, I.; Bshesh, K.; Marei, I.; Ye, K.; Ding, H.; MacDonald, R.; Hollenberg, M.D.; Hill, M.A. Metformin: Is it a drug for all reasons and diseases? Metabolism 2022, 133, 155223. [CrossRef] [PubMed]

