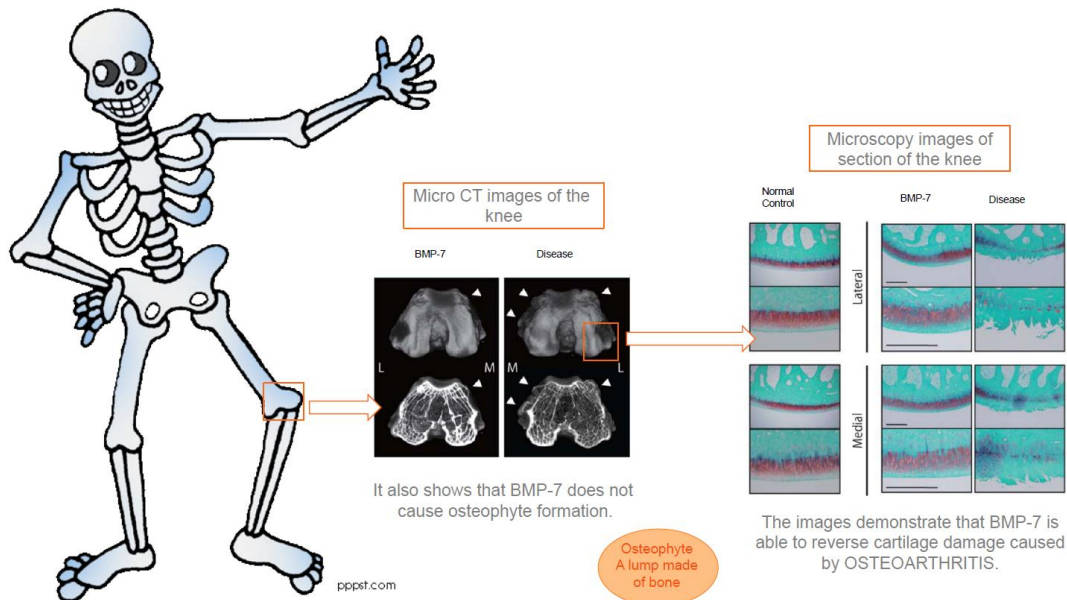


BMP-7: A potential new treatment for OA

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- **Osteoarthritis** is a disease of the joints that affects many people around the world and can severely decrease an individual's quality of life.
- Currently there are few treatments for this disease, with the only solutions to extreme cases being a knee replacement.
- Work is being carried out to identify new therapies that may prolong the need for replacement or prevent it altogether.
- One such potential therapy is **BMP-7**, this protein is of great interest in the treatment of osteoarthritis, however there is still much to be learned and explored about its role and regulation in the disease.



BMP-7 has been shown to:

- Stop the cartilage becoming worn away in OA
 - It promotes the building up of the cartilage (**anabolic effects**).
 - It slows down the breakdown of the cartilage (**catabolic effects**).

