



Name: Deepak Kumar Khajuria
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Studies: Ph.D. (Pharmacology)
Specialization: Bone biology, bone repair and regeneration

Short bio: Deepak received his Ph.D. in Pharmacology from the Rajiv Gandhi University of Health Sciences, India, in November 2014. His thesis projects were focused on the development of new therapeutic interventions for osteoporosis. After a short postdoc at the Indian Institute of Science, India, Deepak joined Dr. David Karasik's Lab at Bar-Ilan University, Israel, in December 2015. Here, Deepak utilized zebrafish models to develop and evaluate novel nanoparticles for bone regeneration. In April 2018, Deepak joined Dr. Reyad Elbarbary's Lab at Penn State University, USA. His current project focuses on the investigation of molecular mechanisms that regulate bone fracture healing and developing therapeutic strategies that recapitulate the normal sequence of fracture healing.

What do you expect from this training?

I am interested to learn more about transcriptional control of bone cells, bone cell signaling, and osteoimmunology, which is an emerging field with significant potential applications in bone biology. I believe that attending the three-day ECTS Masterclass will enhance my scientific excellence in physiology and pathology of bone and calcium metabolism.

Bonus question: What motivates you to get out of bed in the morning?

Family, work, exercise and sunshine motivate me to get out of bed in the morning.