

Meet the Researcher: Dr Vinesh Senan

Motivated by the 'astounding development' of treatment with stem cells, Dr Vinesh Senan saw the need to see progressively about the effect of stem cells into bone regeneration – with an award of nearly Rs 1,00,000 from TOCFoundation. The Foundation has provided a lab for carrying out research and office room for discussion with my team. They have provided the software and hardware necessary for carrying out the research

What motivated you to explore this specific zone?

At the point when you consider how much a youngster changes toward the start of their lives, from first being an infant who starts crawling, to a newborn child that figures out how to walk and talk, and afterward, a kid who can start running and playing, it truly is astonishing. Behind the entirety of this, the bones are developing and creating at a unimaginable rate to permit these new aptitudes. Understanding this procedure and how it is modified by fractures and diseases is the thing that motivated me to turn into a Orthopaedic stem cell researcher and to do my examination.

Stem cells have genuinely changed my work in both of these zones since it gives a blossoming method to treat these conditions. This has unfathomably value; however, generally in ineffectively understood conditions. Such vast numbers of the diseases influenced by these diseases are urgent need to realize what could treat their bone disease, and this truly is the thing that spurred the sort of research work I do.

What does TOCFoundation financing for this research mean to you?

We are amazingly thankful to TOCFoundation for financing our Medical Research. We are incredibly hopeful that this research gives significant knowledge into bone regeneration and prompts a new technique in treating broken bones and accelerating the healing process.

What does a typical day be like for you, or is each day extraordinary?

As I balance my working day between clinical work and scholarly work, each day is immensely charged and frequently variable! So on some random day, I could be examining patients on the ward, gathering new information in the lab and breaking down information. In the middle of all this I present in conferences, discussions with understudies, educating, and composing research papers.

Would you be able to reveal to us somewhat about your group?

I'm blessed to work in a huge division with researchers and understudies with a wide range of various abilities and from everywhere throughout India. I truly think that its an incredible domain to work in as it implies that we would all be able to exploit of another's skill as well as of everybody's various perspectives.

Who's your role model, and why?

I have many! The primary that rings a bell is the physicist Richard Feynman whose books I love perusing as he clarified even the most testing ideas so plainly and excitedly; and the doctor Barry Marshall who indicated the significance of clinical research and following your feelings by conflicting with the present facts to find that a microscopic organism (Helicobacter Pylori) causes peptic ulcers and stomach disease.

As a cause, TOCFoundation started in 2018 with our originator's mission to discover a solution for health problems affecting the world. What drove you to a profession in clinical research?

Since I was a youngster, I was captivated continuously in seeing how things work (and have broken numerous things thus!). At the point when I was concentrating in University, I discovered orthopedics intriguing as there might have been (and still are) such a significant number of unanswered inquiries regarding how the bone regenerates and permits us to do all the astonishing things we can do. At that point, as I understood that there is still so much, we have to comprehend and improve, and that the primary way we could accomplish this is through research.

Disclose to us something that astounds us!

I have a more established sibling who is a plastic surgeon doing better and more research in between his busy clinical practice