

PRESS RELEASE

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Tissue Regeneration a Feature at MetroCon

Biotechnology strides will be a fascinating study at electrical engineers conference in October

DALLAS (Aug. 15, 2016) – When organizers say the 2016 IEEE MetroCon is “a comprehensive engineering conference” they are heavy on the *comprehensive*. After 29 straight years it has become an eclectic gathering featuring pressing topics that include cyber security, machine intelligence, power and energy systems, software and systems engineering—even biotechnologies that this year will bring us up to date on tissue regeneration.

Dr. Ashwin Nair, senior lecturer in the Department of Bioengineering at University of Texas Arlington, will present *Application of Scaffolds for Tissue Regeneration* at the one day conference. Nair’s research mainly focuses on the development of tissue engineering scaffolds that can deliver sustained bioactive doses of a chemokines for recruiting stem and progenitor cells for cardiovascular and bone—musculoskeletal tissue regeneration applications.

Nair also works on studies related to inflammatory responses to implanted biomaterials and on the development of novel strategies to engineer autologous stem cell recruitment. Dr. Nair gave a preview of his presentation as a guest today on the ScienceNews Radio Network program, *Promise of Tomorrow with Colonel Mason*. The broadcast can now be heard archived and webcast for its world audience at [PromiseOfTomorrow \(dot\) biz](http://PromiseOfTomorrow(dot)biz).

On the program Mason asked Nair about differences in applying his work towards *in vivo* tissue regeneration. Since we know bone and skin regenerate, can we start regenerating other organs soon? “Theoretically yes,” Nair answered. “Practically we’re limited by any number of things, some of them being availability of suitable materials. At some point in time they can go, but a lot depends on how we can make the body accept these foreign materials.”

Dr. Nair has published close to 20 peer-reviewed journal articles, 2 book chapters and numerous conference abstracts. He is also a reviewer for many journals and conferences.”

For 29 straight years the Institute of Electrical and Electronics Engineers [IEEE] has produced this one-day *Comprehensive Engineering Event* held at the Arlington Convention Center in Arlington, Texas. Sponsored by Lockheed Martin and Onco Electric Delivery Company, upwards of 500 attendees will study pressing topics that not only include biotechnologies, but machine intelligence, cyber security, power and energy systems, software and systems engineering; with software demos by IBM and Mathworks, plus other emerging technologies. More information about MetroCon, conference registration, sponsoring/exhibiting at: [www \(dot\) metrocon \(dot\) org/](http://www(dot)metrocon(dot)org/).

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