Dubai hosts the unique competition in Dentistry “Aesthetic Dentistry MENA Awards 2009”

For the first time for such an event in the Middle East region, Dubai will host the “Aesthetic Dentistry MENA Awards 2009,” to recognize the outstanding achievements of dental professionals and to focus the public attention to the quality and level of dentistry in the region for the well-being of the patients. The award is organized by Dental Association – UAE and Centre for Advance Professional Practices (CAPP). The ceremony will be held for the first time in the Middle East region with the invaluable hospitality of UAE, Dubai.

Dr. Aisha Sultan, president of the MENA awards said: “Our vision is to create a platform that serves as a benchmark for dental care and industry players by recognizing exemplary performance in the Middle East region’s dentistry.”

The award will show the ultimate in health and beauty, the latest in science and the art of dentistry - the beauty from the red carpet to the stage of knowledge and edge. Not only to give the patients a great looking teeth and smile, but also to make them feel better.

An independent judging panel of well-known leading figures in dentistry - representatives of associations and professional organizations in the field of dental aesthetic will study all entries and select the three best cases from each category.

Dr. Wolfgang Richter, President European Society of Cosmetic Dentistry, Dr. Ninette Rand, Head of Dental Services AHS - SIHA, Dr. Nadim Aboujoura, Fellow of the International College of Dentists, Mohamed A Abdallah, Country Chairman Egypt European Society of Cosmetic Dentistry, Dr. Ramesh Bulbule, Associate fellow American Academy of Implant Dentistry, Dr. Mazen Tamimi, President of DGZI-International section, And Dr. Philippe Tardieu, Associate Professor New York University. Are selected to be the jury panel. All Dental Associations from Middle East region and Professional Organizations as DGZI (German Implantology Association), ESCD (European Society for Cosmetic Dentistry), will be involved in the project.

New discovery may help to re-grow missing teeth, prevent cleft palate

In a breakthrough discovery, scientists have found that a system of opposing genetic forces determines why mammals develop a single row of teeth, while sharks sport several.

The study suggests that carefully understanding the genetic program may prove helpful for scientists to re-grow missing teeth and prevent cleft palate, one of the most common birth defects.

Gene expression is the process by which information stored in genes is converted into proteins that make up the body’s structures, and carry its messages.

And gene expression determines the development of teeth and palate while the baby’s face takes shape in the womb. Related abnormalities lead to the development of teeth outside of the normal row, missing teeth and cleft palate, and the new insights suggest ways to combat these malformations.

In the new study, it was found that turning off a single gene in mice resulted in development of extra teeth, next to and inside of their first molars.

“This finding was exciting because extra teeth developed from tissue that normally does not give rise to teeth,” said Dr. Rulang Jiang, associate professor of Bio-medical Genetics in the Center for Oral Biology at the University of Rochester Medical Center.

He added: “It takes the concerted actions of hundreds of genes to build a tooth, so it was amazing to find that deleting one gene caused the activation of a complete tooth developmental program outside of the normal tooth row in those mice. Finding out how the extra teeth developed will reveal how nature makes a tooth from scratch, which will guide tooth regeneration research.”

In the current study, Jiang and colleagues generated mice that lacked the oddskipped related-2 (Dor2) gene, which encodes one of many transcription factors that turn genes on or off.

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