Transcriptome-wide analysis of Peyronie’s disease plaques using RNA sequencing uncovers targetable signalling pathways for medical therapy

By: Milenkovic U. 1, Janky R. 2, Hatzichristodoulou G. 3, Van Renterghem K. 4, Cellek S. 5, Bivalacqua T.J 6, De Ridder D. 1, Albersen M. 1

1KU Leuven, Dept. of Development and Regeneration, Faculty of Medicine, Leuven, Belgium, 2KU Leuven, VIB Nucleomics Core, Leuven, Belgium, 3Julius-Maximilians-University of Würzburg, Dept. of Urology and Pediatric Urology, Würzburg, Germany, 4University of Hasselt, Faculty of Medicine, Hasselt, Belgium, 5Anglia Ruskin University, Faculty of Health, Education, Medicine and Social Care, Chelmsford, United Kingdom, 6Johns Hopkins School of Medicine, James Buchanan Brady Urological Institute and Dept. of Urology, Baltimore, United States of America

Aims and objectives of this presentation

The impact of liraglutide treatment on the erectile function of the diabetic rats

To be confirmed

Aims and objectives of this presentation

Low intensity shockwave therapy (LiST) may promote angiogenesis and alter α1/α2 adrenergic receptors ratio with decrease in sympathetic activity in the erectile tissue of naturally aged rats

By: Sokolakis I. 1, Dimitriadis F. 2, Psalla D. 3, Kalyvianakis D. 2, Hatzichristou D. 2

1Julius-Maximillian University Medical Centre of Wuerzbrug, Dept. of Urology and Paediatric Urology, Wuerzburg, Germany, 2Aristotle University of Thessaloniki, Dept. of Urology, Thessaloniki, Greece, 3Aristotle University of Thessaloniki, Faculty of Veterinary Medicine, Laboratory of Pathology, Thessaloniki, Greece

Aims and objectives of this presentation
923 Contribution of Orai channels to contraction of rat and human corpus cavernosum increases with aging

By: Garcia Rojo E.¹, Angulo J.², García-Gómez B.¹, Justo Quintas J.¹, Santos-Pérez De La Blanca R.¹, Medina-Polo J.³, Romero Otero J.¹
¹Hospital Universitario 12 de Octubre, Dept. of Urology, Madrid, Spain, ²Hospital Universitario Ramón y Cajal, Dept. of Histology and Histopathology Research, Madrid, Spain, ³al Universitario 12 de Octubre, Dept. of Urology, Madrid, Spain

Aims and objectives of this presentation
923

924 Simvastatin and the Rho-kinase inhibitor Y-27632 prevent myofibroblast transformation in Peyronie’s disease-derived fibroblasts via inhibition of YAP/TAZ nuclear translocation

By: Milenkovic U.¹, Ilg M.M.², Zuccato C.³, Ramazani Y.⁴, De Ridder D.¹, Albersen M.¹
¹KU Leuven, Dept. of Development and Regeneration, Faculty of Medicine, Leuven, Belgium, ²Anglia Ruskin University, Faculty of Medical Sciences, Chelmsford, United Kingdom, ³University of Padua, Faculty of Medicine and Surgery, Padua, Italy, ⁴KU Leuven, Dept. of Pediatric Nephrology and Growth and Regeneration, Leuven, Belgium

Aims and objectives of this presentation
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925 Cavernous branched nerve regeneration using non-tubular artificial nerve sheets without sutures using freeze-dried alginate gel in a rat model

By: Narita N.S.¹, Suzuki Y.², Obara T.³, Habuchi T.¹
¹Akita University Graduate School of Medicine, Dept. of Urology, Akita, Japan, ²Kitano Hospital, Dept. of Plastic and Reconstructive Surgery, Osaka, Japan, ³Akita Red Cross Hospital, Dept. of Urology, Akita, Japan

Aims and objectives of this presentation
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926 Local electrostimulation of injured cavernosal nerve improves erectile function recovery in a rat model of neurogenic erectile dysfunction

To be confirmed

Aims and objectives of this presentation
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927 Receptors and sensory nerve pathways of the penis: A three dimensional computer assisted anatomical dissection (3DCAAD)

By: Flochlay M.¹, Diallo D.², Bessede T.², Prudhomme M.³, Costa P.¹, Kharlamov E.⁴, Mitrokhin V.⁵, Aleksandrov B.⁶, Droupy S.¹

Aims and objectives of this presentation
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Aims and objectives of this presentation

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Adipose-derived stem cells (ASCs) combined with control-released DF-PEG/GCS hydrogel scaffold restore the erectile function in a diabetes rat model

By: Lu M., Xiao D.D., Ti Y.R., Zou L., Yan H., Lu M.
Shanghai Renji Hospital, Dept. of Urology and Andrology, Shanghai, China

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Effects of exosomes from adipose-derived stem cells on recovery of erectile function in a bilateral cavernous nerve injury rat model

Seoul St. Mary's Hospital, The Catholic University of Korea, Dept. of Urology, Seoul, South Korea

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Human induced pluripotent stem cell-derived testosterone-producing Leydig cells ameliorate serum testosterone level in rats

By: Takaki I.1, Masato F.1, Takashi A.2
1Kobe University, Dept. of Urology, Kobe, Japan, 2Kobe University, Dept. of iPS cell Applications, Kobe, Japan

930

Testosterone associated relaxation of human corpus cavernosum of patients with erectile dysfunction: Are non genomic pathways involved?

By: Soebadi M.A.1, Van Den Broeck T.2, Raets L.3, Brone B.4, Van Renterghem K.2
1Laboratory of Experimental Urology, Dept. of Development and Regeneration, Leuven, Belgium, 2Jessa Hospital, Dept. of Urology, Hasselt, Belgium, 3University of Hasselt, Dept. of Urology, Hasselt, Belgium, 4University of Hasselt, Dept. of Biomedical Research Institute, Hasselt, Belgium

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<td>Wang D., Niu Y., Chen Y., Liu J. Tongji Hospital, Dept. of Urology, Wuhan, China</td>
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**Aims and objectives of this presentation**

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