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Sent: Wednesday, December 5, 2012 3:16 PM
To: jeeproject@yahoo.com
Subject: Season's greetings! Reconstructing a functioning thyroid using ESCs, and other interesting articles.

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 Building thyroid from scratch [<http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8B_cStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEW>](http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8B_cStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEW)
 The authors elegantly demonstrate that stem cells can be specifically reprogrammed to generate a functioning thyroid gland replacement.
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 Casting the neutrophil NETs wide [<http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8BPcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEIX>](http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8BPcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEIX)
 This study highlights the multi-potent functional abilities of neutrophils in combatting bacterial infections by casting neutrophil extracellular traps (NETs).
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 Colorectal cancer, an inflammatory issue [<http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8BfcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEU>](http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8BfcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEU)
 A four-times-recommended study elucidates how microbiota composition can affect the development of colitis-associated cancer and vividly distinguishes genotoxicity and carcinogenicity from inflammation.
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 Alzheimer's hidden signs [<http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8GvcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEV>](http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8GvcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEV)
 Presents clear evidence that the biochemical pathways thought to lead to Alzheimer's disease can precede symptoms by more than 20 years.
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 Tubulin, pure and simple [<http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8G_cStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEa>](http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8G_cStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEa)
 The authors have developed new method of purifying tubulin from different eukaryotic sources that make it possible to conduct in vitro reconstitution experiments with much greater physiological relevance.
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 The ALTITUDE study (Aliskiren trial in type 2 diabetes using cardiorenal endpoints) underlines the critical importance of suitably powered trials with hard clinical endpoints in informing evidence-based treatments for patients.
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 New preventive strategies for atopic dermatitis are made possible with the discovery that mutations in the filaggrin gene are associated with the disease. F1000 Report by Hywel C Williams <http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8HfcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEc> , Joanne R Chalmers and Eric L Simpson
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 New plant species via only two mutations <http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8E_cStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEi>
 Tremendous recent advances in molecular genetics have made it clear that new plant species can evolve via two or more mutational steps, as is predicted by the Dobzhansky-Muller model.
 F1000 Report by Andrea L. Sweigart and John H. Willis <http://p4trc.emv2.com/HS?a=ENX7CqkWrP9-8SA9MKJatd3nGHxKLTN8EPcStGb5lw8W0bBhOG5mpqVsje_HhdBmMIEj>
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Presented at 11th Congress of the European Federation of Sexology (EFS) 2012, 20 - 22 Sep 2012, P33 SEXUAL DYSFUNCTIONS

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Rafique Islam, Emily L Kumimoto, Hong Bao, Bing Zhang.

F1000 Research 1:47

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(49) • Dermatology (67) • Developmental Biology (127) • Diabetes & Endocrinology (79) • Ecology (42) •

Gastroenterology & Hepatology (80) • Genomics & Genetics (226) • Hematology (61) • Immunology (115) • Infectious

Diseases (85) • Microbiology (114) • Nephrology (36) • Neurological Disorders (108) • Neuroscience (128) • Oncology

(109) • Ophthalmology (22) • Otolaryngology (34) • Pharmacology & Drug Discovery (177) • Physiology (196) • Plant

Biology (43) • Psychiatry (58) • Public Health & Epidemiology (95) • Research Methodology (8) • Respiratory Disorders (86) • Rheumatology & Clinical Immunology (52) • Structural Biology (102) • Urology (49) • Women's Health (80)

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