

## **EXPLORING HUMAN GENOMIC PLASTICITY AND ENVIRONMENTAL STRESSORS: EMERGING EVIDENCE ON TELOMERES, COPY NUMBER VARIATION, AND TRANSPOSONS**

OCTOBER 4-5, 2012  
WASHINGTON, DC

### **SUGGESTED READING AND RELATED LINKS**

\*Articles that provide a general overview of topic are marked with an asterisk and can be found here:  
<https://www.dropbox.com/sh/80v5cx5jqevqvj3/9LYtwLVxJ6>

#### **SESSION 2: TELOMERES/TELOMERASE**

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#### ***Maria A. Blasco:***

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***Elissa Epel:***

Puterman, E. and E. Epel, E., *In Press*. An intricate dance: Life experience, multisystem resiliency, and rate of telomere decline throughout the lifespan. *Social Psychology Compass*, in press.  
(\*See dropbox for article PDF.)

Please see link below for further articles on telomeres, and lifestyle factors:

[http://www.chc.ucsf.edu/ame\\_lab/publications.html](http://www.chc.ucsf.edu/ame_lab/publications.html)

***David P. Gilley:***

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***Dale P. Sandler:***

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### **SESSION 3: COPY NUMBER VARIATION AND CHROMOTHIRIPSIS**

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#### ***James R. Lupski:***

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### ***Jennifer L. Freeman:***

\*Freeman, J.L., Perry, G.H., Feuk, L., Redon, R., McCarroll, S.A., Altshuler, D.M., Aburatani, H., Jones, K.W., Tyler-Smith, C., Hurles, M.E., Carter, N.P., Scherer, S.W., Lee, C., 2006. Copy number variation: new insights in genome diversity. *Genome research* 16, 949-961.  
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**Randal Johnston:**

Chen, F., Liu, W.Q., Eisenstark, A., Johnston, R.N., Liu, G.R., Liu, S.L., 2010. Multiple genetic switches spontaneously modulating bacterial mutability. *BMC evolutionary biology* 10, 277.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2955026/>

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#### **SESSION 4: JUMPING GENES AND MOBILE ELEMENTS**

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**John V. Moran:**

\*Beck, C.R., Garcia-Perez, J.L., Badge, R.M., Moran, J.V., 2011. LINE-1 elements in structural variation and disease. Annual review of genomics and human genetics 12, 187-215.

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**Kenneth Ramos:**

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**ADDITIONAL READINGS:**

**Thea Tlsty:**

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