

[Session Title: NetMed]

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<b>Date and Time</b>	<b>Thursday, June 2, 2016 / 11:15-12:35</b>
<b>Room</b>	<b>Dongkang D, Avenue 3F</b>
<b>Session Chair</b>	<b>Marc Santolini, Northeastern Univ., USA</b>

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- 11:15-11:35**    **IDEAL: Impact of Differential Expression Across Layers in Multiple Omics Networks Associated with Asthma**  
Marc Santolini<sup>1,2,3</sup>, Ayse Kilic<sup>4</sup>, Taiji Nakano<sup>4</sup>, Amal Al Garawi<sup>4</sup>, Shizuka Uchida<sup>4</sup>, Scott Weiss<sup>1</sup>, Harald Renz<sup>4</sup>, and Amitabh Sharma<sup>1</sup>  
<sup>1</sup>Harvard Medical School, Boston, USA, <sup>2</sup>Northeastern Univ., USA.,  
<sup>3</sup>Dana-Farber Cancer Institute, USA, <sup>4</sup>Philipps Univ., Germany
- 11:35-11:55**    **Spatial Characteristics of Mesoscopic Connections in the Mouse Brain Network**  
Emma Towlson<sup>1</sup> and Albert-László Barabási<sup>1,2,3,4</sup>  
<sup>1</sup>Northeastern Univ., USA, <sup>2</sup>Dana Farber Cancer Institute, USA, <sup>3</sup>Harvard Medical School, USA, <sup>4</sup>Central European Univ., Hungary
- 11:55-12:15**    **Control Principles in the Caenorhabditis Elegans Nervous System**  
Gang Yan<sup>1</sup>, Petra Vértes<sup>2</sup>, Buyun Zhao<sup>2</sup>, Emma Towlson<sup>1</sup>, William R. Schafer<sup>2</sup>, and Albert-László Barabási<sup>1</sup>  
<sup>1</sup>Northeastern Univ., USA, <sup>2</sup>Univ. of Cambridge, UK
- 12:15-12:35**    **Multilevel Evolution of Chemical Reaction Networks**  
Hyunju Kim, Harrison Smith, Jason Raymond, and Sara I. Walker  
Arizona State Univ., USA