

## ASMS AWARDS

### BIEMANN MEDAL

2018 RECIPIENT: **BENJAMIN A. GARCIA**

AWARD LECTURE: 4:45 PM, TUESDAY, HALL D GROUND LEVEL



**Dr. Benjamin A. Garcia** is the recipient of the 2018 Biemann Medal for contributions to elucidation of the “histone code”, the set of posttranslational modifications (PTMs) to histone proteins that are thought to regulate gene expression. The Garcia lab has developed a number of experimental and computational methods to detect novel histone PTMs, quantify their relative abundances, monitor *in vivo* histone PTM dynamics, and characterize distinct histone PTMs on specific genome locations.

Dr. Garcia has pioneered high-throughput “bottom-up” proteomic methods for detection of histone PTMs and quantitative comparison of multiple cellular states, and “middle down” proteomic approaches that facilitate computation of specific combinatorial histone proteoforms. These methods have made unique impact in chromatin biology and epigenetics research, and have been fully embraced by a growing number of research groups from all over the world.

Dr. Garcia is the Presidential Professor of Biochemistry and Biophysics at the University of Pennsylvania Perelman School of Medicine.

### 2018 RESEARCH AWARDS

AWARD PRESENTATIONS: 4:45 PM, TUESDAY, HALL D GROUND LEVEL

The Research Awards are fully funded by Thermo Fisher Scientific and Waters Corporation in the amount of \$35,000 each.

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