

1. Gregory, S., J. Carr and A. Dahlberg (2005) "A mutation in the decoding center of *Thermus thermophilus* 16S rRNA suggests a novel mechanism of streptomycin resistance". *J. Bacteriol.* **187**:2200-2202.
2. Carr, J., S. Gregory and A. Dahlberg (2005) "Severity of the streptomycin-resistance and streptomycin-dependence phenotypes of ribosomal protein S12 of *Thermus thermophilus* depends on the identity of highly conserved amino acid residues". *J. Bacteriol.* **187**:3548-3550.
3. Suh, M.-J., D.-M. Hamburg, S. Gregory, A. Dahlberg and P. Limbach (2005) "Extending ribosomal protein identifications to unsequenced bacterial strains using matrix-assisted laser desorption/ionization mass spectrometry" *Proteomics.* **5**:4818-4831.
4. Gregory, S., J. Carr, D. Rodriguez-Correa and A. Dahlberg (2005) "Mutational analysis of 16S and 23S rRNA genes of *Thermus thermophilus*". *J. Bacteriol.* **187**:4804-4812.
5. Carr, J., D.-M. Hamburg, S. Gregory, P. Limbach and A. Dahlberg (2006) "Effects of streptomycin resistance mutations on posttranslational modification of ribosomal protein S12". *J. Bacteriol.* **188**:2020-2023.
6. Schuwirth, B., Day, J., Hau, C., Janssen, G., Dahlberg, A., Doudna Cate, J. and A. Vila-Sanjurjo (2006) "Structural analysis of kasugamycin inhibition of translation". *Nat. Str. & Mol. Biol.* **13**:879-886.
7. Demirci, H., Gregory, S., Dahlberg, A. and G. Jogl (2007) "Recognition of ribosomal protein L11 by the protein trimethyltransferase PrmA". *EMBO J.* **26**:567-577.
8. Demirci, H., Gregory, S., Dahlberg, A. and G. Jogl (2008) "Multiple-site trimethylation of ribosomal protein L11 by the PrmA methyltransferase", *Structure.* **16**:1059-1066.
9. Brandi, L., Fabbretti, A., Pon, C., Dahlberg, A. and C. Gualerzi (2008) "Initiation of protein synthesis: A target for antimicrobials". *Expert Opin Ther Targets*, **12**:519-534.
10. Rodriguez-Correa, D. and A. Dahlberg (2008) "Kinetic and thermodynamic studies of peptidyltransferase in ribosomes from the extreme thermophile *Thermus thermophilus*". *RNA*, **14**:2314-2318.
11. Gregory, S., Carr, J. and A. Dahlberg (2008) "A signal relay between ribosomal protein S12 and elongation factor Tu during decoding of mRNA". *RNA*, **15**:208-214.

12. Demirci, H., Gregory, S., Dahlberg, A. and G. Jogl (2008) "Crystal structure of the *Thermus thermophilus* 16S rRNA methyltransferase RsmC in complex with cofactor and substrate guanosine". J. Biol. Chem., **283**: 26548-26556.
13. Gregory ST, Dahlberg AE (2008) "Transposition of an insertion sequence, *ISTth7*, in the genome of the extreme thermophile *Thermus thermophilus* HB8". FEMS Microbiol Lett, **289**: 187-192.
14. Monshupanee T, Gregory ST, Douthwaite S, Chungjatupornchai W, Dahlberg AE (2008) "Mutations in the conserved helix 69 of 23S rRNA of *Thermus thermophilus* that affect capreomycin resistance but not posttranscriptional modifications". J Bacteriol, **190**:7754-7761.
15. Kapralou S, Fabbretti A, Garulli C, Spurio R, Gualerzi CO, Dahlberg AE, Pon CL (2008) "Translational initiation factor IF1 of *Bacillus Sterothermophilus* and *Thermus thermophilus* substitute for *Escherichia coli* IF1 *in vivo* and *in vitro* without a direct IF1-IF2 interaction". Molec Microbiol, **70**:1368-1377.
16. Gregory ST, Dahlberg AE (2008) "Genetic and structural analysis of base substitutions in the central pseudoknot of *Thermus thermophilus* 16S ribosomal RNA". RNA, **15**:215-223.