

DR. DALE NOEL'S PUBLICATIONS

- 2010** Ojeda, K., J. M. Box, and K. D. Noel. 2010. Genetic Basis for *Rhizobium etli* CE3 O-Antigen O-Methyl Moieties that Vary According to Growth Conditions. *Journal of Bacteriology* 192: 679-690.
- 2009** Noel, K. D. 2009. Rhizobia. In: *Encyclopedia of Microbiology*, 3rd edition, ed. Schaechter M. Oxford: Elsevier, pp. 261-277.
- 2008** García-de Los Santos A, López E, Cubillas CA, Noel KD, Brom S, Romero D. 2008. Requirement of a plasmid-encoded catalase for survival of *Rhizobium etli* CFN42 in a polyphenol-rich environment. *Appl Environ Microbiol.* 74:2398-2403.
- 2007** D'Haese, W., C. Leoff, G. Freshour, K.D. Noel, and R.W. Carlson. 2007. *Rhizobium etli* CE3 bacteroid lipopolysaccharides are structurally similar but not identical to those produced by cultured CE3 bacteria. *J. Biol. Chem.*, 282:17101-17113.
- 2004** Noel, K.D., J.M. Box, and V.J. Bonne. 2004. 2-O-methylation of fucosyl residues of a rhizobial lipopolysaccharide is increased in response to host exudate and eliminated in a symbiotically-defective mutant. *Appl. Env. Microbiol.*, 70:1537-1544.
- 2003** Jahn, O.J., G. Davila, D. Romero, and K.D. Noel. 2003. BacS: an abundant bacteroid protein in *Rhizobium etli* whose expression ex planta requires *nifA*. *Mol. Plant-Microbe Interact.*, 16:65-73.
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- 2001** Duelli, D.M., A. Tobin, J.M. Box, V.S. Kumar Kolli, R.W. Carlson, and K.D. Noel. 2001. Genetic locus required for antigenic maturation of *Rhizobium etli* CE3 lipopolysaccharide. *J. Bacteriol.*, 183:6054-6064.
- 2000** Noel, K. D., L. S. Forsberg, and R. W. Carlson. 2000. Varying the abundance of O antigen in *Rhizobium etli* and its effect on symbiosis with *Phaseolus vulgaris*. *J. Bacteriol.* 182:5317-5324.
- 1997-98** Duelli, D.M., and K.D. Noel. 1997. Compounds exuded by *Phaseolus vulgaris* that induce a *Rhizobium etli* lipopolysaccharide modification. *Mol. Plant-Microbe Interact.*, 10:903-910.
- 1995-96** Newman, J.D., M.J. Rosovitz, and K.D. Noel. 1995. Requirement for rhizobial production of 5-aminoimidazole-4-carboxamide ribonucleotide (AICAR) for infection of bean nodules. *Mol. Plant-Microbe Interact.*, 8:407-414.
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- 1994-95** Newman, J.D., R.J. Diebold, B.W. Schultz and K.D. Noel. 1994. Infection of soybean and pea nodules by *Rhizobium* spp. purine auxotrophs in the presence of 5-aminoimidazole-4-carboxamide riboside. *J. Bacteriol.*, 176:3286-3294.
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- 1993-94** Petrovic, G., P. Putnoky, B. Reuhs, B. Reuhs, T.A. Thorp, K.D. Noel, R.W. Carlson, and A. Kondorosi. 1993. The presence of a novel type of surface polysaccharide involved in *Rhizobium meliloti* requires a new fatty acid synthase-like gene cluster involved in symbiotic nodule development. *Molecular Microbiol.* 8:1083-1094.
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- 1991-92** Tao, H., N.J. Brewin, and K.D. Noel. 1992. *Rhizobium leguminosarum*. CFN42 lipopolysaccharide antigenic changes induced by environmental conditions. *J. Bacteriol.*, 172:2222-2229.
- 1989-90** Diebold, R. and K.D. Noel. 1989. *Rhizobium leguminosarum* exopolysaccharide mutants: biochemical and genetic analyses and symbiotic behavior on three hosts. *J. Bacteriol.*, 171:4821-4830.
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- 1987-88** Carlson, R.W., S. Kalembasa, D. Turowski, P. Pachori and K.D. Noel. 1987. Characterization of the lipopolysaccharide from a mutant of *Rhizobium phaseoli* which is defective in infection thread development. *J. Bacteriol.*, 169:4923-4928.
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