

**Alexander Johansson**  
Chemistry, Institute of Technology,  
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*Mentor:* Dr. Wayland Noland,  
Department of Chemistry

**Novel and Known Compounds Towards a  
Treatment for Drug Resistant Tuberculosis**

Tuberculosis (TB) is not a new disease, it has been treatable for almost a hundred years. In recent years drug resistant strains of TB have become a growing concern, especially in immune compromised populations of Africa. In 2006, 5% (500,000) of new TB cases were untreatable with existing drugs up from 2% in 2004.<sup>[1],[2]</sup> The goal of my research project is to synthesize a family of Indole dimer derivatives and submit them for testing by NIH for anti-tubercular activity. A number of derivatives have been made for other applications while some remain novel. My project is on going; current research showing that the synthesis of these compounds is not trivial and the dimer has unexpected reactivity.



[1] <http://www.startribune.com/lifestyle/health/16754006.html>

[2] <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5511a2.htm>

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