Title: "How can chemistry contribute to the fight against tuberculosis?"

Abstract: Tuberculosis (TB) is an ancient disease that still takes nearly 3 million lives a year in the developing world. Diagnostics and therapeutics for detecting and treating this deadly bacterial disease of the lungs haven't advanced substantially in nearly half a century and are so cumbersome and inaccurate that little progress is being made towards bringing this disease under control. Chemistry is at the heart of both areas and recent advances in drug development and imaging technologies have opened the door to major contributions from chemistry to global health.