



# Argonne partners with Metropolitan Water Reclamation District to study Chicago River microbe population

BY LOUISE LERNER • DECEMBER 2, 2013

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Scientists from the U.S. Department of Energy's Argonne National Laboratory are partnering with the Metropolitan Water Reclamation District of Greater Chicago (MWRD) to find out the typical sources and distribution of microbial communities in Chicago-area waterways.

For the MWRD-sponsored project, Argonne scientists will analyze samples taken monthly from the Chicago River during the recreational season – between March and November – and run them through a DNA sequencer to



Scientists at Argonne and the Metropolitan Water Reclamation District hope to map the Chicago River microbe population and how it changes during daily events like storms as well as larger events, such as the MWRD beginning to disinfect its discharge. [Click to enlarge.](#)



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- J.C. Venterが「Human Longevity Inc(人間長寿株式会社)」を設立
- 7000万ドルの資金を調達
- Illumina HiSeq X Ten を2台導入
- 遺伝型、体内や皮膚におけるマイクロバイオーム、メタボローム、および臨床データを含む表現型を網羅した統合データベースを構築
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- 年間40,000人規模で開始し、年100,000人規模に拡大予定(10年以内に100万人)