



Abstract

## Preparation of Antimicrobial Nitrogen Heterocycles Using Sustainable Processes †

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Libraries of compounds containing heteroaromatic rings and other nitrogen heterocycles were prepared from sugars and other readily available substrates using sequential scission-addition processes, which save time and materials with respect to conventional processes. Some of these compounds displayed remarkable antimicrobial activity.

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**Author Contributions:** CCGM supervised the preparation of new antrimicrobial nitrogen heterocycles carried out by JJCT and EA-J using alcoxyl radical process; CCG and AJH supervised the chemistry carried out by CCG and NRP using new C-H activation processes.

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