

# Download Biosynthetic Engineering Of Natural Products

This paper advances an anticipatory governance framework to investigate and prepare for the potential implications of an emerging technology. Within the growing domain of synthetic biology, we draw on an end-to-end assessment of biosynthetic menthol that incorporates consideration of multiple dimensions of production and use. For the past five decades, the need for new antibiotics has been met largely by semisynthetic tailoring of natural product scaffolds discovered in the middle of the 20<sup>th</sup> century. More recently ...María Goretti Arvizu-Espinosa, Gilsane Lino von Poser, Amelia Teresinha Henriques, Aniceto Mendoza-Ruiz, Anaberta Cardador-Martínez, Reinier Gesto-Borroto, Pablo Noé Núñez-Aragón, María Luisa Villarreal-Ortega, Ashutosh Sharma, and Alexandre Cardoso-Taketa Research in the Moore group is focused on the biosynthesis and bioengineering of marine microbial natural products and in the discovery of new enzyme biocatalysts.