

# Accepted Manuscript

Review

Cracking the Regulatory Code of Biosynthetic Gene Clusters as a Strategy for Natural Product Discovery

Sébastien Rigali, Sinaeda Anderssen, Aymeric Naômé, Gilles P. van Wezel

PII: S0006-2952(18)30007-8  
DOI: <https://doi.org/10.1016/j.bcp.2018.01.007>  
Reference: BCP 13001

To appear in: *Biochemical Pharmacology*

Received Date: 21 November 2017

Accepted Date: 3 January 2018

Please cite this article as: S. Rigali, S. Anderssen, A. Naômé, P.v. Wezel, Cracking the Regulatory Code of Biosynthetic Gene Clusters as a Strategy for Natural Product Discovery, *Biochemical Pharmacology* (2018), doi: <https://doi.org/10.1016/j.bcp.2018.01.007>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



1        **Cracking the Regulatory Code of Biosynthetic Gene**  
2        **Clusters as a Strategy for Natural Product Discovery**

3  
4        Sébastien Rigali<sup>1†</sup>, Sinaeda Anderssen<sup>1</sup>, Aymeric Naômé<sup>1</sup>, and Gilles P. van Wezel<sup>2</sup>

5  
6        <sup>1</sup>InBioS – Center for Protein Engineering, University of Liège, Institut de Chimie, B6a, B-  
7        4000, Liège, Belgium

8        <sup>2</sup>Molecular Biotechnology, Institute of Biology, Sylvius Laboratories, Leiden University,  
9        Sylviusweg 72, 2333 BE Leiden, The Netherlands

10        <sup>†</sup>Corresponding author: srigali@uliege.be

11  
12  
13        **Keywords:** Regulatory network, antibiotics, cryptic metabolite, *Streptomyces*,  
14        *Actinobacteria*

Download English Version:

<https://daneshyari.com/en/article/8523844>

Download Persian Version:

<https://daneshyari.com/article/8523844>

[Daneshyari.com](https://daneshyari.com)