

Peer-reviewed Publications Acknowledging NatureBank 2012–2026

Current as of 31 August 2026

Halogenation of neolignan scaffolds reveals stage-specific anthelmintic activity against *Haemonchus contortus*

Kanchana Wijesekera, Aya C. Taki, Joseph J. Byrne, Jonathan M. White, Anthony R. Carroll, Robin B. Gasser, Rohan A. Davis

International Journal for Parasitology: Drugs and Drug Resistance **2026**, 32, 100666.

<https://doi.org/10.1016/j.ijpddr.2026.100666>

Semisynthesis, characterisation, and antibacterial evaluation of a novel semisynthetic lecanoric acid-derived amide library

Ethan D. Abbott, Sasha Hayes, Jonathan M. White, Bernd H. A. Rehm, Rohan A. Davis

Beilstein Journal of Organic Chemistry, **2026**, 22, 1023–1032.

<https://doi.org/10.3762/bjoc.21.90>

Australian Rainforests—A Living Museum of Natural Product Chemical Diversity

Anthony R. Carroll

In: *Natural Product Diversity of Australian Rainforests. Progress in the Chemistry of Organic Natural Products*, Ed by Kinghorn, A. D; Falk, H., Gibbons, S.; Asakawa, Y, Liu, J.K., Dirsch, V. M. **2025**, 128, 1-331. Springer, Cham.

https://doi.org/10.1007/978-3-031-90474-5_1

Development of an Integrated Screening Framework for Marine-Derived *Bacillus* Probiotics

Yaoying Lu, Xiaojing Chen, Yunjiang Feng

Marine Drugs **2026**, 24, 137.

<https://doi.org/10.3390/md24040137>

Total Synthesis and Antimalarial Studies of Caelestines A–C

Henry S. T. Smith, Aaron M. Lock, Vicky M. Avery, Rohan A. Davis

ChemMedChem **2026**, 21, e70345.

<https://doi.org/10.1002/cmdc.70345>

Anti-invasive and cytotoxic evaluation of a (+)-pinoresinol-based semi-synthetic library against glioblastoma

Chen Zhang, Kah Yean Lum, Jonathan M. White, Paul I. Forster, Sunita A. Ramesh, Rohan A. Davis

Beilstein Journal of Organic Chemistry **2025**, 22, 691–704.

<https://doi.org/10.3762/bjoc.22.54>

Synthesis and antibacterial evaluation of a unique amide library based on the marine natural product 3,5-dibromo-4-methoxybenzoic acid

Sasha Hayes, Jonathan M. White, Bernd H. A. Rehm, Rohan A. Davis

Tetrahedron **2026**, 193, 135104.

<https://doi.org/10.1016/j.tet.2025.135104>

Semisynthetic indole alkaloids restrain the invasiveness of glioblastoma cell lines and inhibit human Aquaporin-1 water channels

Kim K. Wagner, Michael Fotiou, Shijin J. Suo, Sunita A. Ramesh, Rohan A. Davis, Andrea J. Yool

Biochemical Pharmacology **2026**, 244, 117613.

<https://doi.org/10.1016/j.bcp.2025.117613>

Antimicrobial activity of natural quinone-methide triterpenoids celastrol and pristimerin against pathogenic *Neisseria*

Alice Ascari, Taha, Rohan A. Davis, Kate L. Seib, Evgeny A. Semchenko

Microbiology Spectrum **2026**, *14*, e02724-25.

<https://doi.org/10.1128/spectrum.02724-25>

Antiplasmodial activity of tambjamines, dihydro- β -agarofurans, and pyrroloazepines derived from Australian plant and marine species

Jacinta R Macdonald, Gillian M Fisher, Tina S Skinner-Adams, Rohan A Davis, Katherine T Andrews

Bioorganic and Medicinal Chemistry Letters **2025**, *129*, 130369.

<https://doi.org/10.1016/j.bmcl.2025.130369>

New Aaptamine Analogues from Australian Marine Sponge *Aaptos lobata* as Mitochondrial Modulators

Emmanuel A. Makinde, Linlin Ma, George D. Mellick, Merrick Ekins, Yunjiang Feng

Journal of Natural Products **2025**, *88*, 1434–1442.

<https://doi.org/10.1021/acs.jnatprod.5c00364>

Genome Mining-Based Discovery of Pyrano[2,3-*c*]pyrrole Type Natural Products Possessing Alkyl Side Chain with Branched Methyl Groups

Yue Shi, Taro Ozaki, Yohei Morishita, Tohru Taniguchi, Hiroyasu Sato, Yoshitaka Aoyama, Akihiro Sugawara, Kaho Numata, Tomoya Fuse, Ryo Matsuda, Kento Hosotani, Hanako Fukano, Yoshihiko Hoshino, Aki Hirabayashi, Masato Suzuki, Jiro Yasuda, Rokusuke Yoshikawa, Hironori Hayashi, Eiichi N. Kodama, Yoshitaka Shimotai, Hiroshi Hamamoto, Rohan A. Davis, Teigo Asai

Organic Letters **2025**, *27*, 8580–8585.

<https://doi.org/10.1021/acs.orglett.5c02504>

Anthelmintic Potential of Agelasine Alkaloids from the Australian Marine Sponge *Agelas axifera*

Kanchana Wijesekera, Aya C. Taki, Joseph J. Byrne, Darren C. Holland, Ian D. Jenkins, Merrick G. Ekins, Anthony R. Carroll, Robin B. Gasser, Rohan A. Davis

Marine Drugs **2025**, *23*, 276.

<https://doi.org/10.3390/md23070276>

Investigations of amination reactions on an antimalarial 1,2,4-triazolo[4,3-*a*]pyrazine scaffold

Henry S. T. Smith, Ben Giuliani, Kanchana Wijesekera, Kah Yean Lum, Sandra Duffy, Aaron Lock, Jonathan M. White, Vicky M. Avery, Rohan A. Davis

Beilstein Journal of Organic Chemistry **2025**, *21*, 1126–1134.

<https://doi.org/10.3762/bjoc.21.90>

Transcriptomic Plasticity of Human Alveolar Macrophages Revealed by Single-Cell RNA Sequencing Following Drug Exposure: Implications for Therapeutic Development.

Penny L. Groves, Levi Hockey, Brendan J. O'Sullivan, Lai-Ying Zhang, Zherui Xiong, Quan Nguyen, Maxine E. Tan, Viviana P. Lutzky, Rohan A. Davis, Daniel C. Chambers, Simon H. Apte.

International Journal of Molecular Sciences **2025**, *26*, 4439.

<https://doi.org/10.3390/ijms26094439>

Anthelmintic activity of selected neolignans and semisynthetic derivatives from *Styrax suberifolius*

Kanchana Wijesekera, Aya C. Taki, Joseph J. Byrne, Jonathan M. White, Anthony R. Carroll, Robin B. Gasser, Rohan A. Davis

Tetrahedron **2025**, *169*, 134366.

<https://doi.org/10.1016/j.tet.2024.134366>

Discovery of ianthelliformisamines D–G from the sponge *Suberea ianthelliformis* and the total synthesis of ianthelliformisamine D

Sasha Hayes, Yaoying Lu, Bernd H. A. Rehm, Rohan A. Davis
Beilstein Journal of Organic Chemistry **2024**, *20*, 3205–3214.
<https://doi.org/10.3762/bjoc.20.266>

A High-Throughput Screening of a Natural Products Library for Mitochondria Modulators

Emmanuel Makinde, Linlin Ma, George D. Mellick, Yunjiang Feng
Biomolecules **2024**, *14*, 440.
<https://doi.org/10.3390/biom14040440>

A screening of 10,240 NatureBank fractions identifies nematocidal activity in agelasine-containing extracts from sponges

G. Risi, M. Liu, F. Vairoletti, R. J. Quinn, G. Salinas
Journal of Natural Products **2024**, *87*, 1532–1539.
<https://doi.org/10.1021/acs.jnatprod.3c01212>

Inhibition of human salivary and pancreatic α -amylase by resveratrol oligomers

Rizliya Visvanathan, Dang Le, Sushil Dhital, Topul Rali, Rohan A. Davis, Gary Williamson.
Journal of Medicinal Chemistry **2024**, *67*, 18753–18763.
<https://doi.org/10.1021/acs.jmedchem.4c01042>

Identification of Axinellamines A and B as Anti-Tubercular Agents

Emily J. Strong, Lendl Tan, Sasha Hayes, Hayden Whyte, Rohan A. Davis and Nicholas P. West
Marine Drugs **2024**, *22*, 298.
<https://doi.org/10.3390/md22070298>

Chemical and Antiplasmodial Investigations on *Eremophila*-Derived Alkaloids and Semisynthetic Ether Analogues

Chen Zhang, Kah Yean Lum, Jonathan M. White, Sandra Duffy, Aaron M. Lock, Vicky M. Avery, Rohan A. Davis
Journal of Natural Products **2024**, *87*, 849–854.
<https://doi.org/10.1021/acs.jnatprod.3c01072>

Semisynthesis and Cytotoxic Evaluation of an Ether Analogue Library Based on a Polyhalogenated Diphenyl Ether Scaffold Isolated from a *Lamellodysidea* Sponge

Kelsey S. Ramage, Aaron Lock, Jonathan M. White, Merrick G. Ekins, Milton J. Kiefel, Vicky M. Avery, Rohan A. Davis
Marine Drugs **2024**, *22*, 33.
<https://doi.org/10.3390/md22010033>

A Methodological Approach to Identify Natural Compounds with Antifibrotic Activity and the Potential to Treat Pulmonary Fibrosis Using Single-Cell Sequencing and Primary Human Lung Macrophages

Simon H. Apte, Penny L. Groves, Maxine E. Tan, Viviana P. Lutzky, Tharushi de Silva, Joshua N. Monteith, Stephanie T. Yerkovich, Brendan J. O’Sullivan, Rohan A. Davis, Daniel C. Chambers
International Journal of Molecular Sciences **2023**, *24*, 15104.
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Evaluation of natural resveratrol multimers as marine antifoulants

Rohan A. Davis, Gunnar Cervin, Karren D. Beattie, Topul Rali, Marilyne Fauchon, Claire Hellio, Lovisa Bodin Åkerlund, Henrik Pavia, Johan Svenson

Biofouling **2023**, *39*, 775–784.

<https://doi.org/10.1080/08927014.2023.2263374>

Bromotyrosine-Derived Metabolites from a Marine Sponge Inhibit *Pseudomonas aeruginosa* Biofilms

Tam M. T. Tran, Russell S. Addison, Rohan A. Davis, Bernd H. A. Rehm

International Journal of Molecular Sciences **2023**, *24*, 10204.

<https://doi.org/10.3390/ijms241210204>

Using a Bioactive *Eremophila*-derived Serrulatane Scaffold to Generate a Unique Carbamate Library for Anti-infective Evaluations

Chen Zhang, Kah Yean Lum, Aya C. Taki, Robin B. Gasser, Joseph J. Byrne, Luis J. Montaner, Ian Tietjen, Vicky M. Avery, Rohan A. Davis

Journal of Natural Products **2023**, *86*, 557–565.

<https://doi.org/10.1021/acs.jnatprod.2c01041>

The Natural Stilbenoid (–)-Hopeaphenol Inhibits HIV Transcription by Targeting both PKC- and NF-kappaB Signaling and Cyclin-Dependent Kinase 9

Ian Tietjen, Cole Schonhofer, Amanda Sciorillo, Maya E. Naidu, Zahra Haq, Toshitha Kannan, Andrew V. Kossenkov, Jocelyn Rivera-Ortiz, Karam Mounzer, Colin Hart, Kwasi Gyampoh, Zhe Yuan, Karren D. Beattie, Topul Rali, Kristy Shuda McGuire, Rohan A. Davis, Luis J. Montaner

Antimicrobial Agents and Chemotherapy **2023**, *67*, e01600–22.

<https://doi.org/10.1128/aac.01600-22>

Pharmacological inhibition of membrane signaling mechanisms reduces the invasiveness of U87-MG and U251-MG glioblastoma cells in vitro.

Alanah Varricchio, Sidra Khan, Zoe K Price, Rohan A Davis, Sunita, Ramesh, Andrea J Yool

Cancers **2023**, *15*, 1027.

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Marine natural products

Anthony R. Carroll, Brent R. Copp, Rohan A. Davis, Robert A. Keyzers, Michèle R. Prinsep

Natural Product Reports **2023**, *40*, 275–325.

<https://doi.org/10.1039/d1np00076d>

Using UHPLC–MS profiling for the discovery of new sponge-derived metabolites and anthelmintic screening of the NatureBank bromotyrosine library

Sasha Hayes, Kah Yean Lum, Aya C. Taki, Joseph J. Byrne, Merrick G. Ekins, Jonathan M. White, Robin B. Gasser, Rohan A. Davis

Beilstein Journal of Organic Chemistry **2022**, *18*, 1544–1552.

<https://doi.org/10.3762/bjoc.18.164>

Thiaplakortone B attenuates RANKL-induced NF-κB and MAPK signaling and dampens OVX-induced bone loss in mice

Qingqing Wang, Delong Chen, Yining Wang, Chenlin Dong, Jian Liu, Kai Chen, Fangming Song, Chao Wang, Jinbo Yuan, Rohan A. Davis, Vincent Kuek, Haiming Jin, Jiake Xu

Biomedicine & Pharmacotherapy **2022**, *154*, 113622.

<https://doi.org/10.1016/j.biopha.2022.113622>

Identification of Anthelmintic Bishomoscalarane Sesterterpenes from the Australian Marine Sponge *Phyllospongia bergquistae* and Structure Revision of Phyllolactones A–D

Sasha Hayes, Aya C. Taki, Kah Yean Lum, Joseph J. Byrne, Jonathan M. White, Merrick G. Ekins, Robin B. Gasser, Rohan A. Davis

Journal of Natural Products **2022**, *85*, 1723–1729.

<https://doi.org/10.1021/acs.jnatprod.2c00229>

Thiaplakortone B attenuates RANKL-induced NF-κB and MAPK signaling and dampens OVX-induced bone loss in mice

Qingqing Wang, Delong Chen, Yining Wang, Chenlin Dong, Jian Liu, Kai Chen, Fangming Song, Chao Wang, Jinbo Yuan, Rohan A. Davis, Vincent Kuek, Haiming Jin, Jiakexu

Biomedicine & Pharmacotherapy **2022**, *154*, 113622.

<https://doi.org/10.1016/j.biopha.2022.113622>

Marine natural products

Anthony R. Carroll, Brent R. Copp, Rohan A. Davis, Robert A. Keyzers, Michèle R. Prinsep

Natural Product Reports **2022**, *39*, 1122–1171.

<https://doi.org/10.1039/d1np00076d>

***In vitro* Identification and Characterisation of Iron Chelating Catechol-containing Natural Products and Derivatives**

Zachary J. Hawula, Rohan A. Davis, Daniel F. Wallace, Gautam Rishi, V. Nathan Subramaniam

BioMetals **2021**, *34*, 855–866.

<https://doi.org/10.1007/s10534-021-00312-1>

Dysidenin from the marine sponge *Citronia* sp. affects the motility and morphology of *Haemonchus contortus* larvae *in vitro*

Kelsey S. Ramage, Aya C. Taki, Kah Yean Lum, Sasha Hayes, Joseph J. Byrne, Tao Wang, Andreas Hofmann, Merrick G. Ekins, Jonathan M. White, Abdul Jabbar, Rohan A. Davis, Robin B. Gasser

Marine Drugs **2021**, *19*, 698.

<https://doi.org/10.3390/md19120698>

Design, synthesis and screening of a drug discovery library based on an *Eremophila*-derived serrulatane scaffold

Chen Zhang, Kah Yean Lum, Aya C. Taki, Robin B. Gasser, Joseph J. Byrne, Tao Wang, Mark A. T. Blaskovich, Emery T. Register, Luis J. Montaner, Ian Tietjen, Rohan A. Davis

Phytochemistry **2021**, *190*, 112887.

<https://doi.org/10.1016/j.phytochem.2021.112887>

Antimicrobial benzyltetrahydroisoquinoline-derived alkaloids from the leaves of *Doryphora aromatica*

Liu, M.; Han, J.; Feng, Y.; Guymer, G.; Forster, P.; I; Quinn, R. J.

Journal of Natural Products **2021**, *84*, 676–682.

<https://doi.org/10.1021/acs.jnatprod.0c01093>

Antiplasmodial activity of the natural product compounds alstonine and himbeline.

Arnold, M. S. J.; Macdonald, J. R.; Quinn, R. J.; Skinner-Adams, T. S.; Andrews, K. T.; Fisher, G. M.

International Journal for Parasitology: Drugs and Drug Resistance **2021**, *16*, 17–22.

<https://doi.org/10.1016/j.ijpddr.2021.04.003>

High Throughput Screening of the NatureBank 'Marine Collection' in a *Haemonchus* Bioassay Identifies Anthelmintic Activity in Extracts from a Range of Sponges from Australian Waters

Aya C. Taki, Joseph J. Byrne, Abdul Jabbar, Kah Yean Lum, Sasha Hayes, Russell S. Addison, Kelsey S. Ramage, Andreas Hofmann, Merrick G. Ekins, Tao Wang, Bill C. H. Chang, Rohan A. Davis, Robin B. Gasser
Molecules **2021**, *26*, 5846.

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Natural Product Reports **2021**, *38*, 362–413.

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Synthesis of bilocularin A carbamate derivatives and their evaluation as leucine transport inhibitors in prostate cancer cells

Cohan Huxley, Mario Wibowo, Kah Yean Lum, Shelly Gordon, Sebastian D'Hyon, Hanyu Guan, Xueyi Wang, Yuxi Chen, Mingran Si, Mengchao Wang, Jonathan M. White, Kanu Wahi, Qian Wang, Jeff Holst, Rohan A. Davis

Phytochemistry **2020**, *179*, 112478.

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Synthesis of a Unique Psammaphysin F Library and Functional Evaluation in Prostate Cancer Cells by Multiparametric Quantitative Single Cell Imaging

Rohitesh Kumar, Charles L. Bidgood, Claire Levrier, Jennifer H. Gunter, Colleen C. Nelson, Martin C. Sadowski, Rohan A. Davis

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Hymenialdisine: A Marine Natural Product That Acts on Both Osteoblasts and Osteoclasts and Prevents Estrogen-Dependent Bone Loss in Mice

Qingqing Wang, Delong Chen, Haiming Jin, Zhen Ye, Chao Wang, Kai Chen, Vincent Kuek, Ke Xu, Heng Qiu, Peng Chen, Dezhi Song, Jinmin Zhao, Qian Liu, Rohan A. Davis, Fangming Song, Jiakexu

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Comatulins A–E, Taurine-Conjugated Anthraquinones from the Australian Crinoid *Comatulia rotalaria*

Kah Yean Lum, Aya C. Taki, Robin G. Gasser, Ian Tietjen, Merrick G. Ekins, Jonathan M. White, Russell S. Addison, Sasha Hayes, James St. John, Rohan A. Davis

Journal of Natural Products **2020**, *83*, 1971–1979.

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A Phenotarget Approach for Identifying an Alkaloid Interacting with the Tuberculosis Protein Rv1466

Yan Xie, Yunjiang Feng, Angela Di Capua, Tin Mak, Garry W. Buchko, Peter J. Myler, Miaomiao Liu, Ronald J. Quinn

Marine Drugs **2020**, *18*, 149.

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Natural Products Reports **2020**, *37*, 139–294.

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The plant natural product 2-methoxy-1,4-naphthoquinone stimulates therapeutic neural repair properties of olfactory ensheathing cells

Mo Chen, Marie L. Vial, L. Gee, Rohan A. Davis, James A. St John, Jenny A.K. Eckberg

Scientific Reports **2020**, *10*, 951–965.

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Identification of Fromiamycalin and Halaminol A from Australian Marine Sponge Extracts with Anthelmintic Activity against *Haemonchus contortus*

H. M. P. Dilrukshi Herath, Sarah Preston, Abdul Jabbar, Jose Garcia-Bustos, Aya C. Taki, Russell S. Addison, Sasha Hayes, Karren D. Beattie, Sean L. McGee, Sheree D. Martin, Merrick G. Ekins, John N. A. Hooper, Bill C. H. Chang, Andreas Hofmann, Rohan A. Davis, Robin B. Gasser

Marine Drugs **2019**, *17*, 598–611.

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Psammaplysin F increases the efficacy of bortezomib and sorafenib through regulation of stress granule formation

Kimberley E. Christen, Rohan A. Davis, Derek Kennedy

International Journal of Biochemistry and Cell Biology **2019**, *112*, 24–38.

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Using UHPLC-MS Profiling for the Discovery of New Dihydro- β -Agarofurans from Australian Celastraceae Plant Extracts

Mario Wilbowo, Paul I. Forster, Gordon P. Guymer, Andreas Hofmann, Rohan A. Davis

Molecules **2019**, *24*, 859.

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Marine Natural Products

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Natural Product Reports **2019**, *36*, 122–173.

<https://doi.org/10.1039/c8np00092a>

Selected α -pyrones from the plants *Cryptocarya novoguineensis* (Lauraceae) and *Piper methysticum* (Piperaceae) with activity against *Haemonchus contortus* in vitro

H. M. P. Dilrukshi Herath, Sarah Preston, Abdul Jabbar, Jose Garcia-Bustos, Russell Addison, Sasha Hayes, Topul Rali, Tao Wang, Anson V. Koehler, Bill C. H. Chang, Andreas Hofmann, Rohan A. Davis, Robin B. Gasser

International Journal for Parasitology: Drugs and Drug Resistance **2019**, *9*, 72–79.

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The Value of Universally Available Raw NMR Data for Transparency, Reproducibility, and Integrity in Natural Product Research

James B. McAlpine, Shao-Nong Chen, Andrei Kutateladze *et al.*

Natural Products Reports **2019**, *36*, 35–107.

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Alkaloid diversity in the leaves of Australian *Flindersia* (Rutaceae) species driven by adaptation to aridity

Luke P. Robertson, Casey R. Hall, Paul I. Forster, Anthony R. Carroll

Phytochemistry **2018**, *152*, 71–81.

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Red Fluorescent *Chlamydia trachomatis* Applied to Live Cell Imaging and Screening for Antibacterial Agents

Sergio A. Mojica, Anna U. Eriksson, Rohan A. Davis, Wael Bahnan, Mikael Elofsson, Åsa Gylfe

Frontiers in Microbiology **2018**, 9, 3151.

<https://doi.org/10.3389/fmicb.2018.03151>

Discovery of Thalictuberine as a Novel Antimitotic Agent from Nature that Disrupts Microtubule Dynamics and Induces Apoptosis in Prostate Cancer Cells

Claire Levrier, Anja Rockstroh, Brian Gabrielli, Maria Kavallaris, Melanie Lehman, Rohan A. Davis, Martin C.

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Cell Cycle **2018**, 17, 652–668.

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John W. Blunt, Anthony R. Carroll, Brent R. Copp, Rohan A. Davis, Robert A. Keyzers, Michèle R. Prinsep

Natural Products Reports **2018**, 35, 8–53.

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5,6,7,3',4',5'-Hexamethoxyflavone from the Australian plant *Eremophila debilis* (Myoporaceae)

Mark S. Butler, Peter C. Healy, Paul I. Forster, Gordon P. Guymer, Ronald J. Quinn

Fitoterapia **2018**, 126, 90–92.

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Advantages of Molecular Weight Identification during Native MS Screening

Ahad Khan, Anne bresnick, Sean Cahill, Mark Girvin, Steve Almo and Ronald Quinn

Planta Medica **2018**, 84, 1201–1212

<https://doi.org/10.1055/a-0608-4870>

Screening a Natural Product-Based Library against Kinetoplastid Parasites

Bilal Zulfiqar, Amy J. Jones, Melissa L. Sykes, Todd B. Shelper, Rohan A. Davis, Vicky M. Avery

Molecules **2017**, 22, 1715.

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Achyrodimer F, a tyrosyl-DNA phosphodiesterase I inhibitor from an Australian fungus of the family Cortinariaceae

Li-WenTian, YunjiangFeng, Trong D.Tran, YokoShimizu, TomPfeifer, Hoan T.Vu, Ronald J.Quinn

Bioorganic & Medicinal Chemistry Letters **2017**, 27, 4007–4010

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6 α -Acetoxyanopterin: A Novel Structure Class of Mitotic Inhibitor Disrupting Microtubule Dynamics in Prostate Cancer Cells

Claire Levrier, Martin C. Sadowski, Anja Rockstroh, Brian Gabrielli, Maria Kavallaris, Melanie Lehman, Rohan A. Davis, Colleen C. Nelson

Molecular Cancer Therapeutics **2017**, 16, 3–15.

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Rhodocomatulin-type Anthraquinones from the Australian Marine Invertebrates *Clathria hirsuta* and *Comatula rotalaria*

Shahan Khokhar, Gregory K. Pierens, John N. A. Hooper, Merrick G. Ekins, Yunjiang Feng, Rohan A. Davis

Journal of Natural Products **2016**, 79, 946–953.

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The ascidian natural product eusynstyelamide B is a novel topoisomerase II poison that induces DNA damage and growth arrest in prostate and breast cancer cells

Michelle S. Liberio, Martin C. Sadowski, Rohan A. Davis, Anja Rockstroh, Raj Vasireddy, Melanie L. Lehman, Colleen C. Nelson

Oncotarget **2015**, 6, 43944–43963.

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Cytotoxic C₂₀ Diterpenoid Alkaloids from the Australian Endemic Rainforest Plant *Anopterus macleayanus*

Claire Levrier, Martin C. Sadowski, Colleen C. Nelson, Rohan A. Davis

Journal of Natural Products **2015**, 78, 2908–2916.

<https://doi.org/10.1021/acs.jnatprod.5b00509>

Dragmacidol A and dragmacidolide A from the Australian marine sponge *Dragmacidon australe*

Shahan Khokhar, Yunjiang Feng, Anthony R. Carroll, Marc. R. Campitelli, Ronald J. Quinn, John N. A. Hooper, Merrick G. Ekins, Rohan A. Davis

Tetrahedron **2015**, 71, 6204–6209.

<http://dx.doi.org/10.1016/j.tet.2015.06.087>

Entonolactams A–C: Isoindolinone derivatives from an Australian rainforest fungus belonging to the genus *Entonaema*

Vanida Choomuenwai, Karren D. Beattie, Peter C. Healy, Katherine T. Andrews, Nigel Fechner, Rohan A. Davis

Phytochemistry **2015**, 117, 10–16.

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Solving the Supply of Resveratrol Tetramers from Papua New Guinean Rainforest *Anisoptera* Species (Dipterocarpaceae) that Inhibit Bacterial Type III Secretion Systems

Rohan A. Davis, Karren D. Beattie, Min Xu, Xinzhou Yang, Sheng Yin, Harish Holla, Peter C. Healy, Melissa Sykes, Todd Shelper, Vicky M. Avery, Mikael Elofsson, Charlotta Sundin, Ronald J. Quinn

Journal of Natural Products **2014**, 77, 2633–2640.

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Identification of Eusynstyelamide B as a Potent Cell Cycle Inhibitor Following the Generation and Screening of an Ascidian-Derived Extract Library Using a Real Time Cell Analyzer

Michelle S. Liberio, Martin C. Sadowski, Colleen C. Nelson, Rohan A. Davis

Marine Drugs **2014**, 12, 5222–5239.

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