

Click over pictures

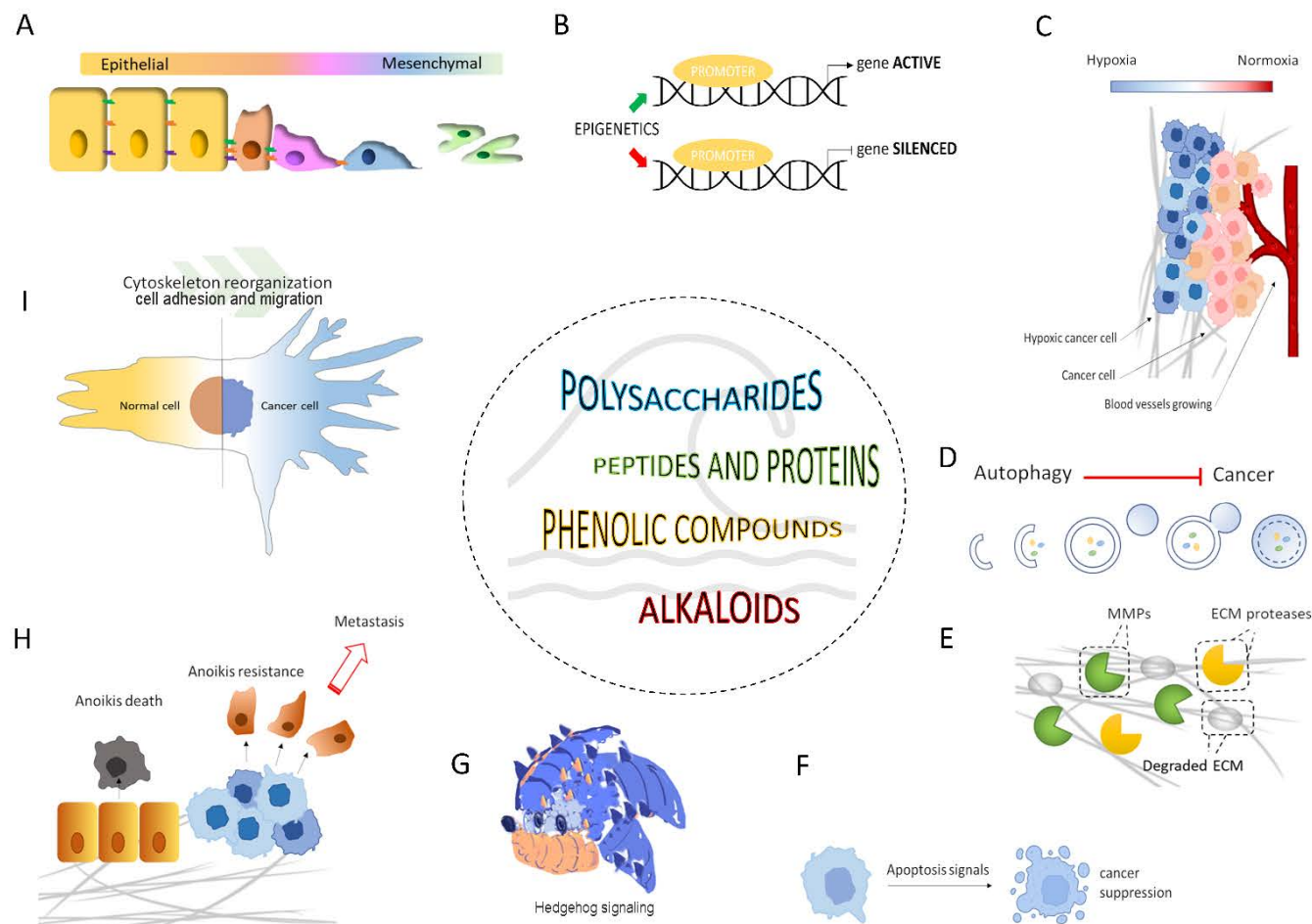


Figure S1. Schematic representation of potential molecular targets of marine migrastatics (2017-2022): (A) epithelial-mesenchymal transition; (B) epigenetic control; (C) neo-angiogenesis and hypoxia; (D) autophagy; (E) ECM degradation by MMPs and other proteases; (F) apoptosis; (G) Hedgehog signalling pathway; (H) resistance to anoikis; (I) cytoskeletal reorganization, cell adhesion and migration. Click on each picture to view the involved migrastatic marine compound.

To go back to the pictures click on the table

Epithelial-to-Mesenchymal Transition

Compound	Marine source
Actinomycin V	<i>Streptomyces sp.</i>
Jorunnamycin A	<i>Xestospongia sp.</i>
Manzamine A	<i>Haliclona sp.</i> , <i>Xestospongia sp.</i> <i>Pellina sp.</i>
α O-conotoxin GeXIVA	<i>C. generalis</i>

To go back to the pictures click on the table

Epigenetic control

Compound	Marine source
Chromopeptide A	<i>Chromobacterium sp.</i> , HS-13-94

To go back to the pictures click on the table

Neo-angiogenesis and hypoxia

Compound	Marine source
AATP	<i>H. discus hannai</i>
BABP	<i>H. discus hannai</i>
Crude sulfate polysaccharides extract	<i>P. tetrastromatica</i>
7-Phloroeckol	<i>E. Cava</i>

To go back to the pictures click on the table

Autophagy

Compound	Marine source
BFP-3	<i>B. fuscopurpurea</i>
Catechin	<i>P. Oceanica</i>
Chlorogenic acid	<i>P. Oceanica</i>
Dihydroauroglaucin	<i>E. chevalieri</i>
Epicatechin	<i>P. Oceanica</i>
Ferulic acid	<i>P. boergesenii</i> , <i>P. oceanica</i>
Gallic acid	<i>P. boergesenii</i> , <i>P. oceanica</i>

To go back to the pictures click on the table

ECM degradation by MMPs and other proteases

Compound	Marine source
AATP	<i>H. discus hannai</i>
BABP	<i>H. discus hannai</i>
Catechin	<i>P. oceanica</i>
Chlorogenic acid	<i>P. Oceanica</i>
Crude sulfate polysaccharides extract	<i>P. tetrastromatica</i>
Dieckol	<i>E. Cava</i>
Epicatechin	<i>P. Oceanica</i>
Ferulic acid	<i>P. boergesenii</i> , <i>P. oceanica</i> ,
Fucoidan-like STPC2	<i>S. thunbergii</i>
Gallic acid	<i>P. boergesenii</i> , <i>P. oceanica</i>
Grassystatin F	<i>Cyanobacterium VPG 14-61</i>
Laminaran sulfate	<i>F. evanescens</i>
Nobilamide I	<i>Saccharomonospora sp.</i> , <i>strain CNQ-490</i>
PBN11-8	<i>B. pumilus</i>
Phlorofucofuroeckol	<i>E. cava</i>
SIP-SII	<i>S. maindroni</i>

To go back to the pictures click on the table

Apoptosis

Compound	Marine source
BFP-3	<i>B. fuscopurpurea</i>
Caffeic acid	<i>P. boergeseni</i>
Ferulic acid	<i>P. boergeseni</i> , <i>P. oceanica</i>
Gallic acid	<i>P. boergeseni</i> , <i>P. oceanica</i>
N-V protease (or NAP)	<i>N. virens</i>
Quercetin	<i>P. boergeseni</i>
Rutin	<i>P. boergeseni</i>

To go back to the pictures click on the table

Hedgehog signaling

Compound	Marine source
SPUP	<i>U. Pinnatifida</i>

To go back to the pictures click on the table

Resistance to anoikis

Compound	Marine source
Jorunnamycin A	<i>Xestospongia sp.</i>

To go back to the pictures click on the table

Cytoskeletal reorganization, cell adhesion and migration

Compound	Marine source
Aeroplysinin-1	<i>A. aerophoba</i>
Chromopeptide A	<i>Chromobacterium</i> sp., HS-13-94
CLP	<i>Marine microorganisms</i>
Dieckol	<i>E. Cava</i>
Exopolysaccharide 11	<i>Bacillus</i> sp. 11
Fucoidan	<i>C. frondosa</i>
Molassamide	<i>Cyanobacterium</i> DRTO-73
PBN11-8	<i>B. pumilus</i>
Phlorofucofuroeckol	<i>E. Cava</i>
SIP-SII	<i>S. maindroni</i>
Sulfated galactans	<i>G. fisheri</i>
Viriditoxin	<i>P. variotii</i>