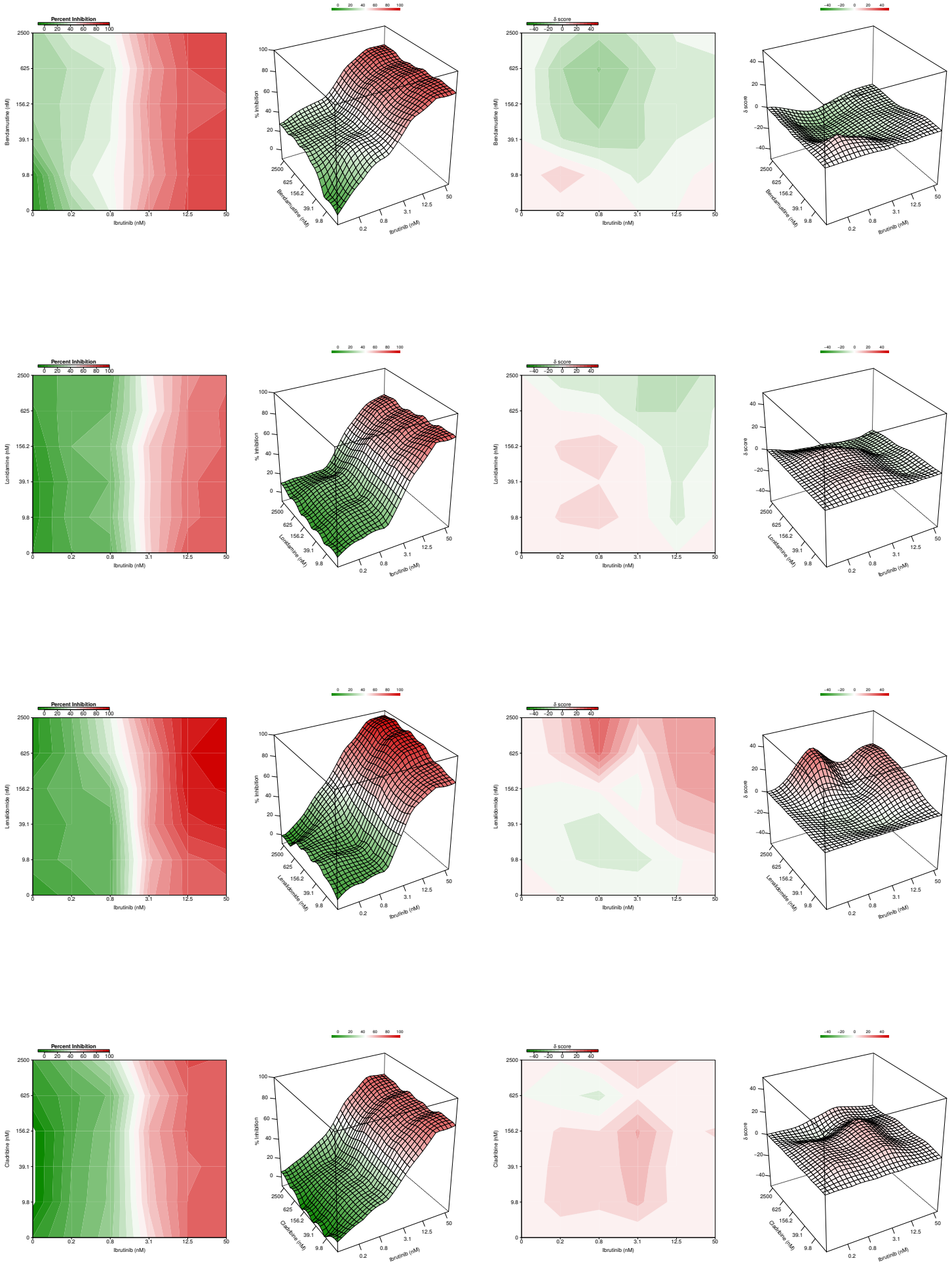
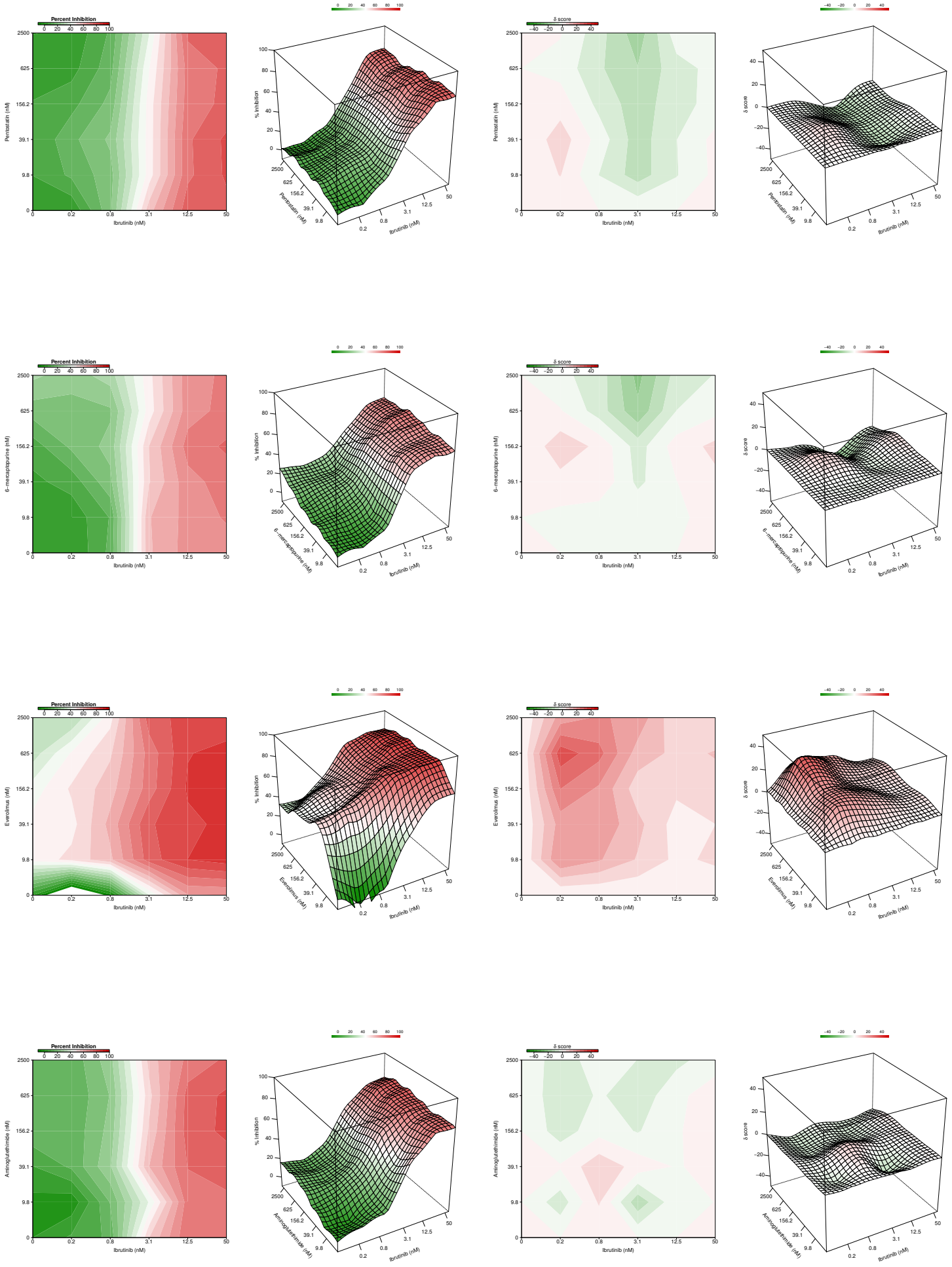
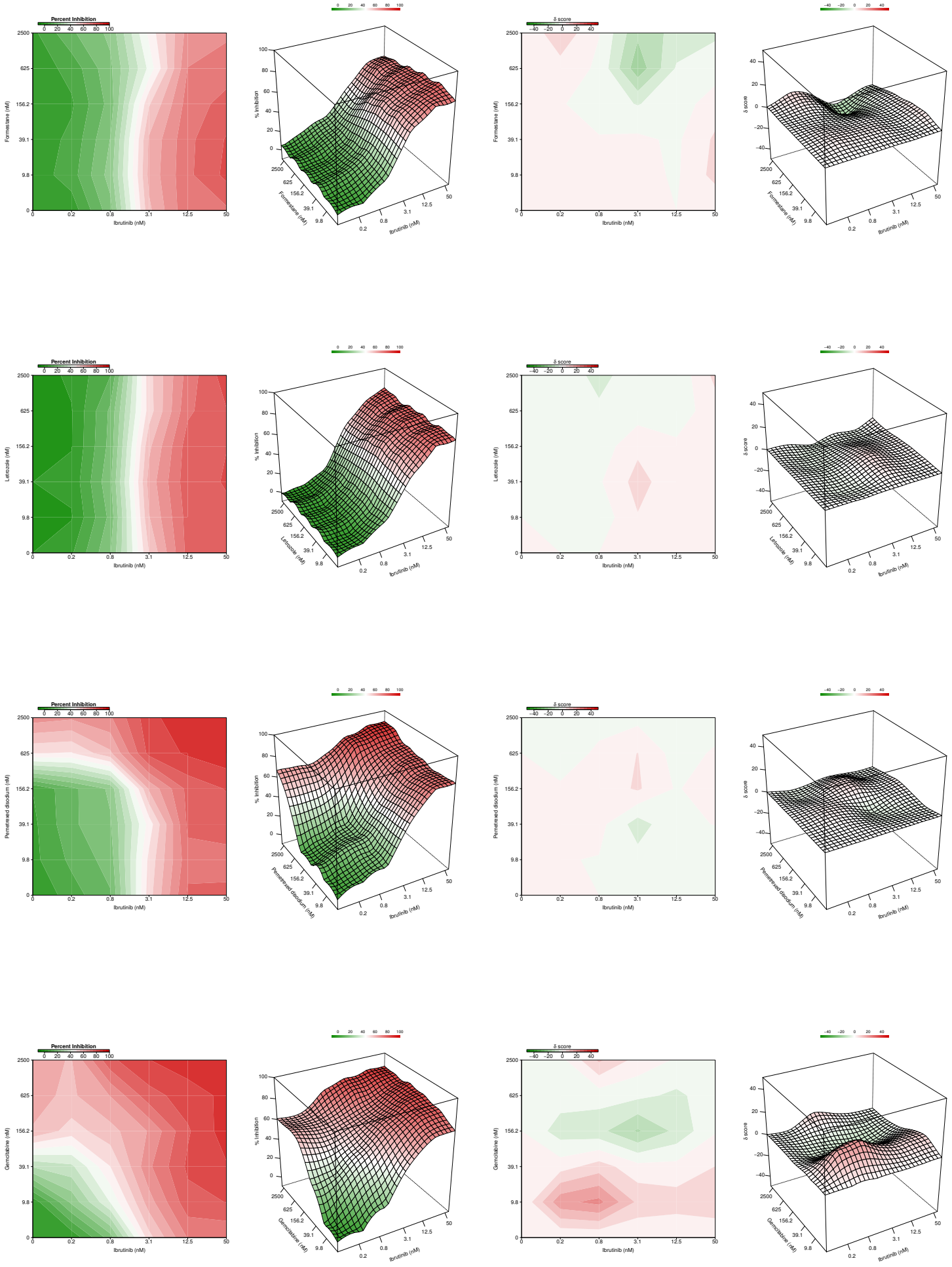
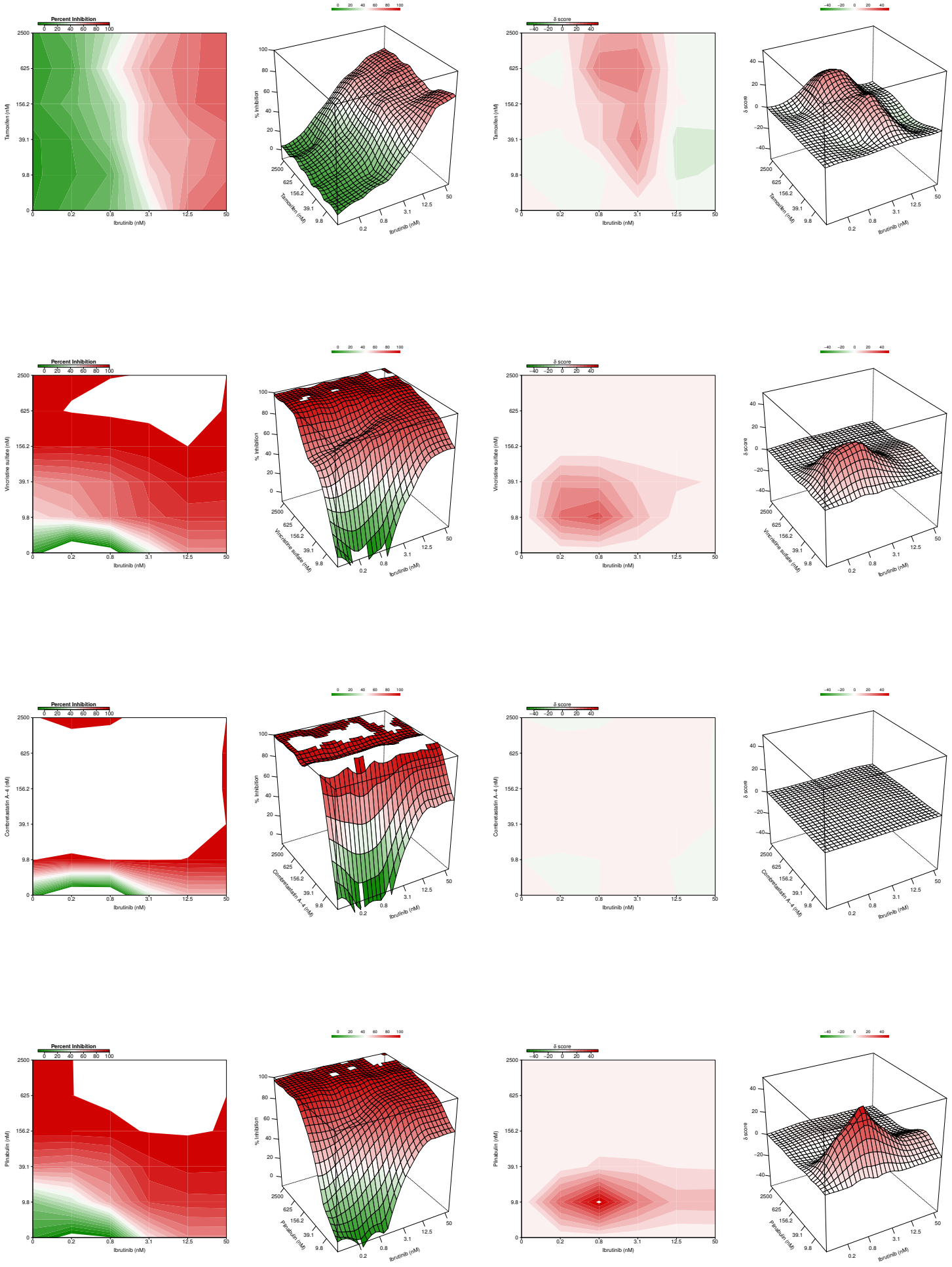
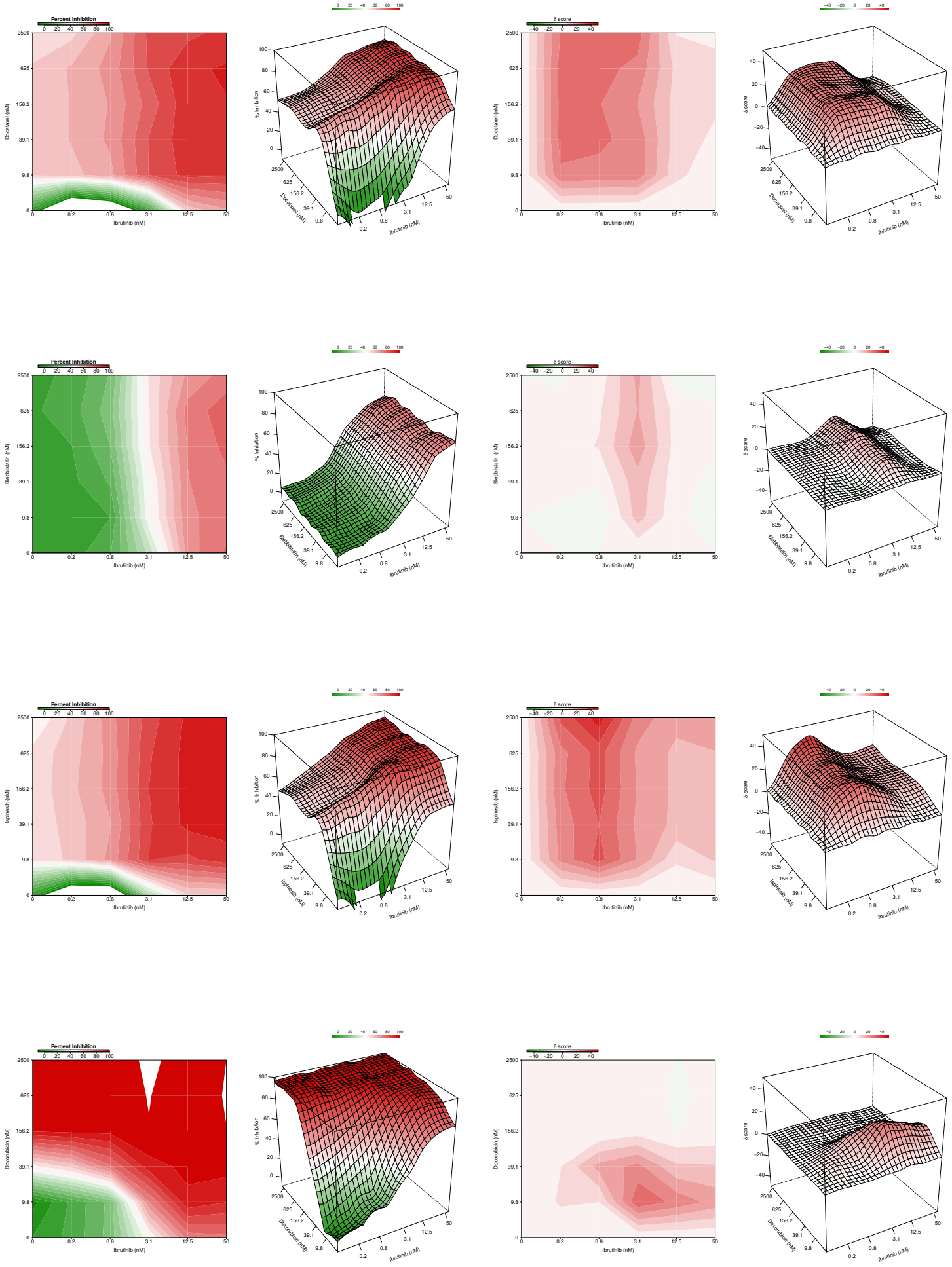
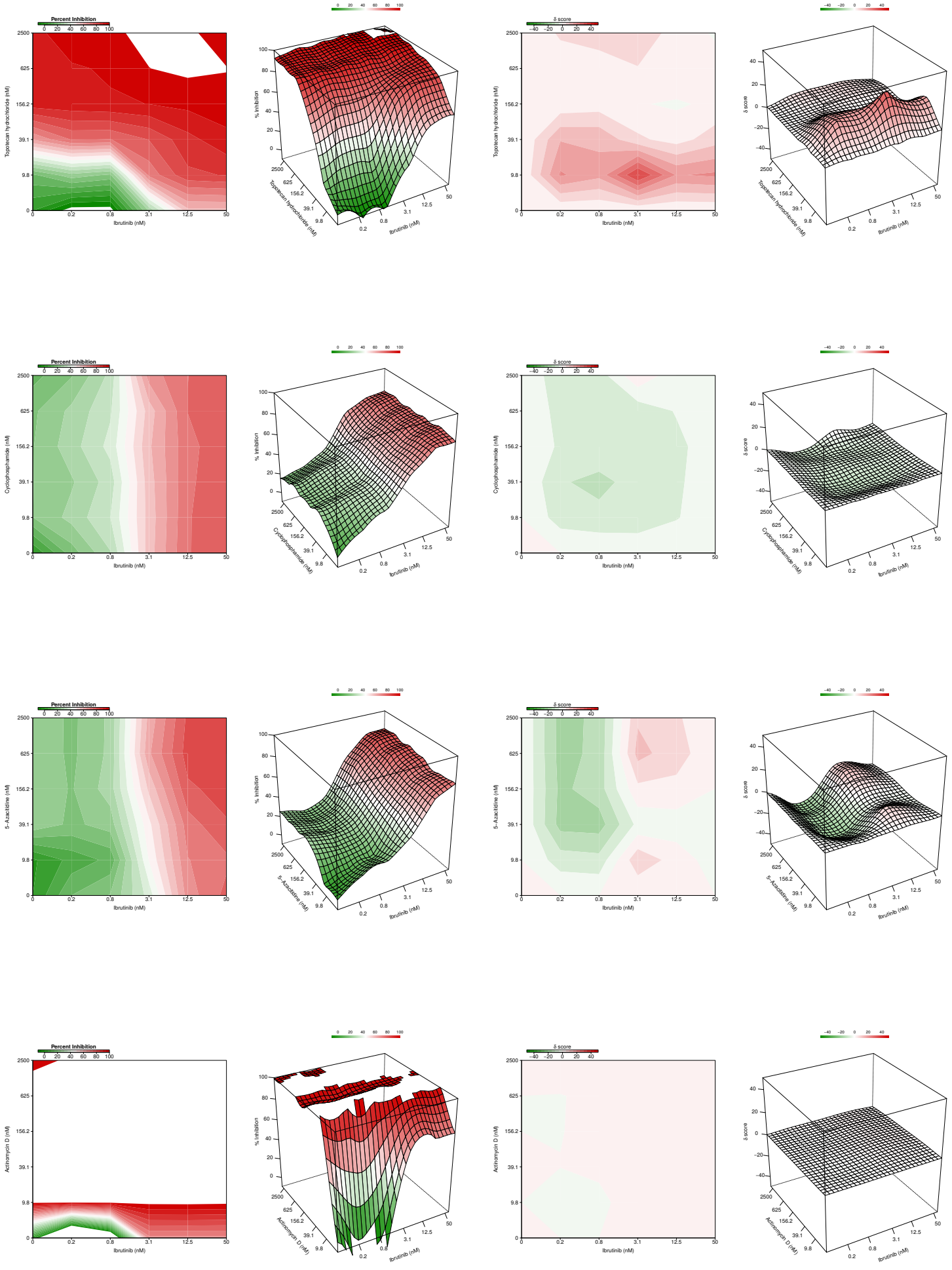

Percent Inhibition
0 20 40 60 80 100
Bendamustine (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Lonidamine (nM)
Lenalidomide (nM)
Cladribine (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

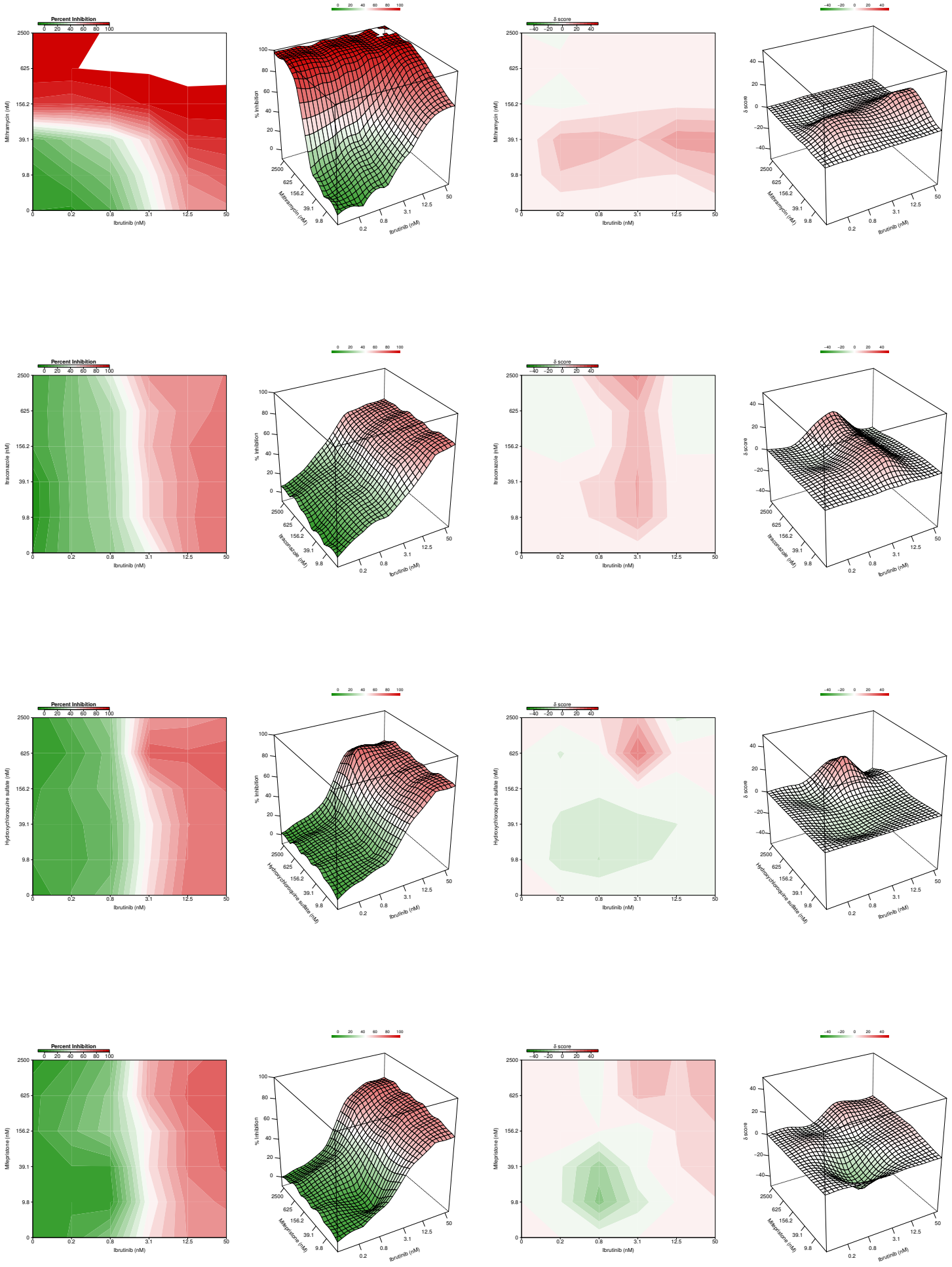

Percent Inhibition
0 20 40 60 80 100
Pentostatin (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
6-mercaptopurine (nM)
Everolimus (nM)
Aminoglutethimide (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

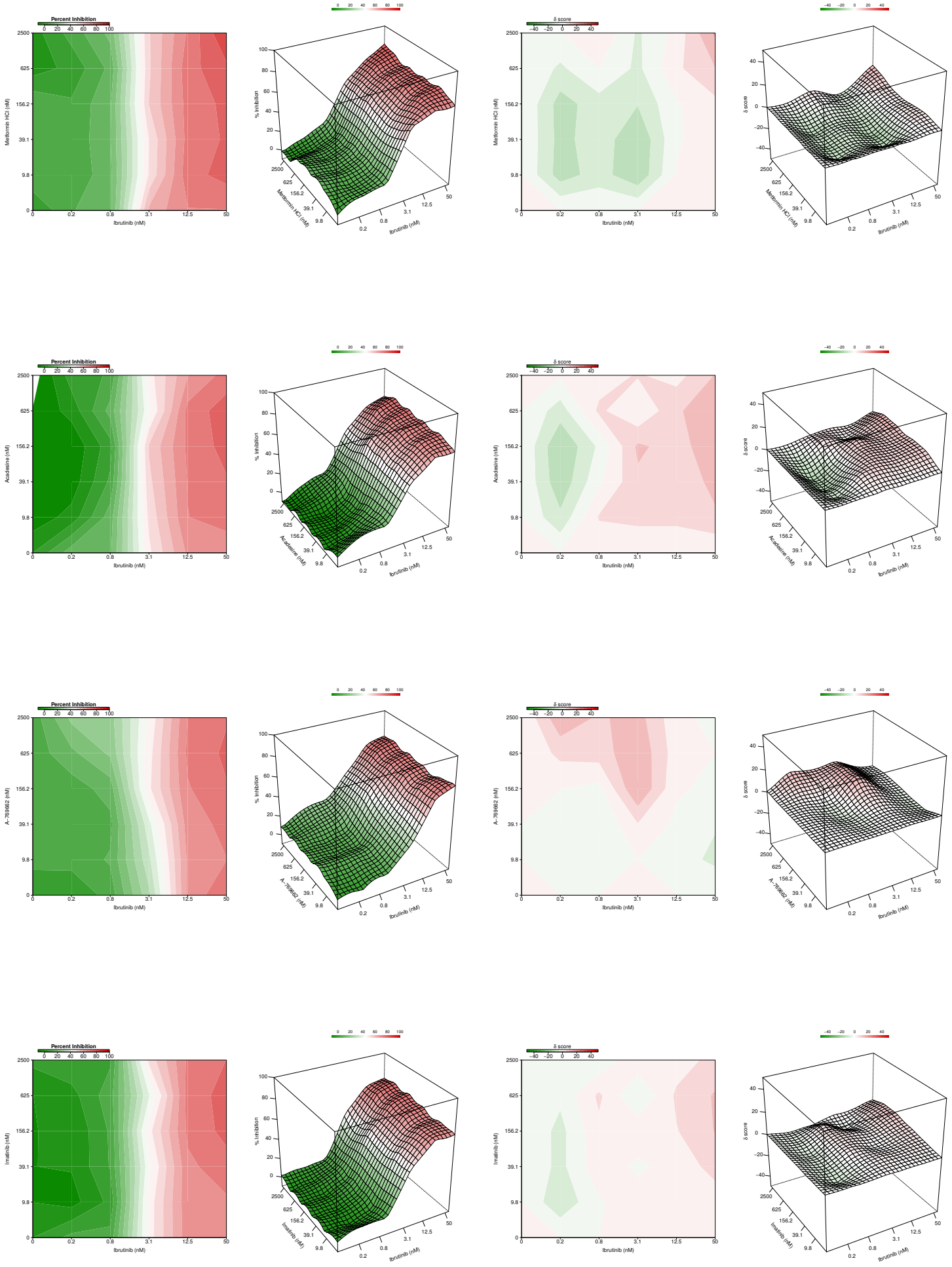

Percent Inhibition
0 20 40 60 80 100
Formestane (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Letrozole (nM)
Pemetrexed disodium (nM)
Gemcitabine (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

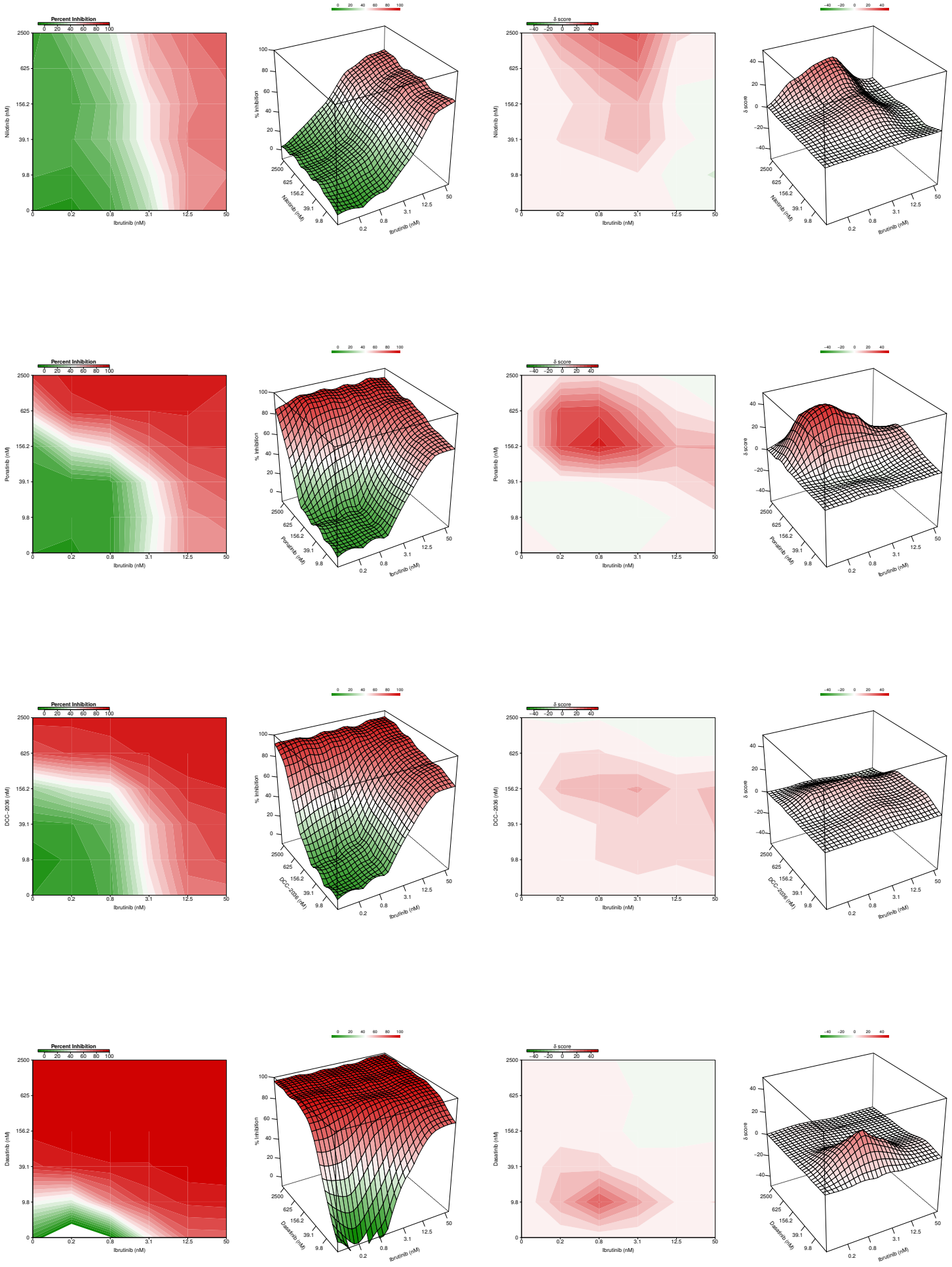

Percent Inhibition
0 20 40 60 80 100
Tamoxifen (nM)
2500
625
156.2
39.1
9.8
0
0 0.2 0.8 3.1 12.5 50
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Vincristine sulfate (nM)
Combretastatin A−4 (nM)
Pinabulin (nM)

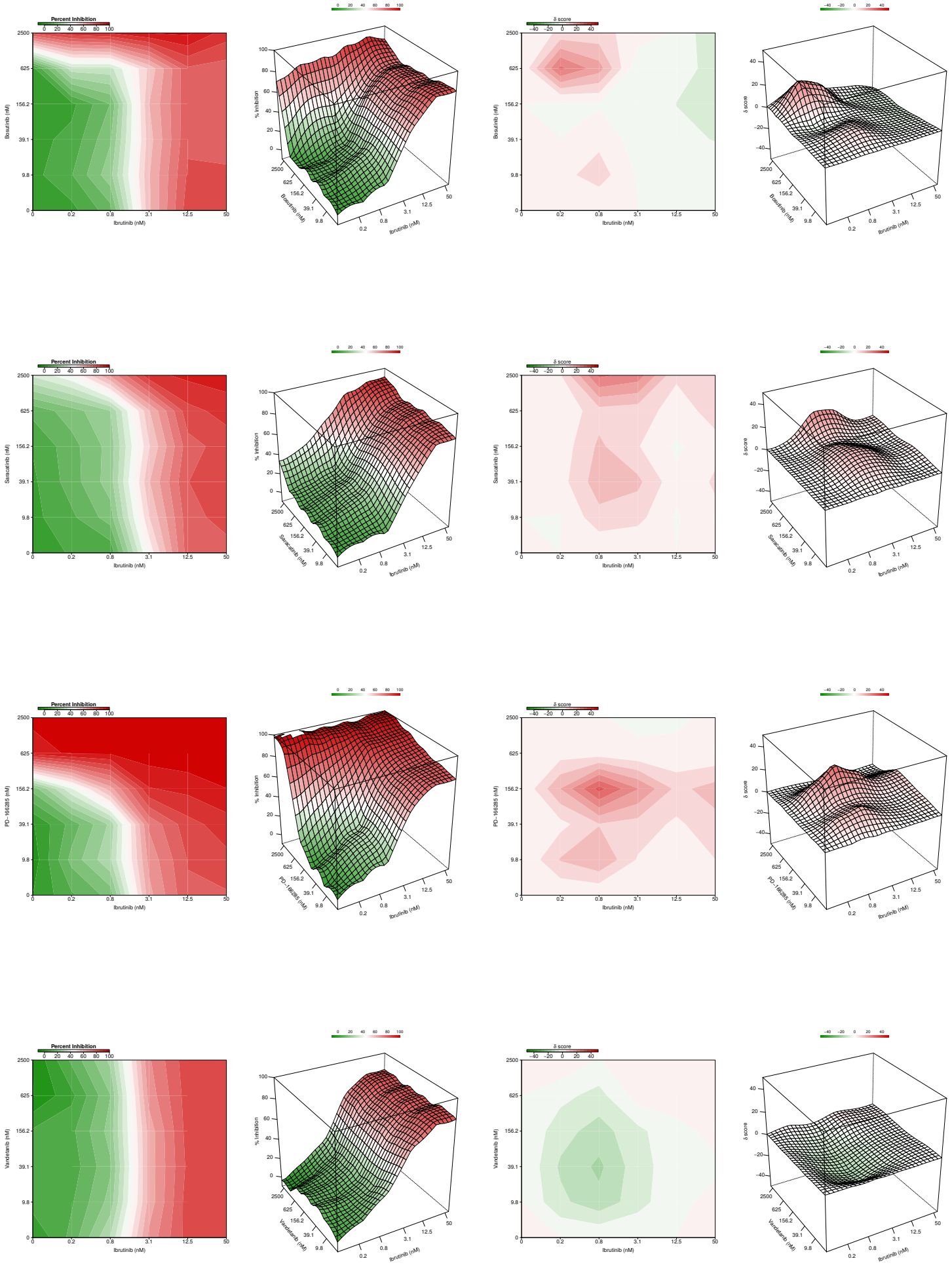

Percent Inhibition
0 20 40 60 80 100
Docetaxel (nM)
2500 625 156.2 39.1 9.8 0
Ibrutinib (nM)
0 0.2 0.8 3.1 12.5 50
% Inhibition
δ score
−40 −20 0 20 40
Bleibbistatin (nM)
Ispinesib (nM)
Doxorubicin (nM)

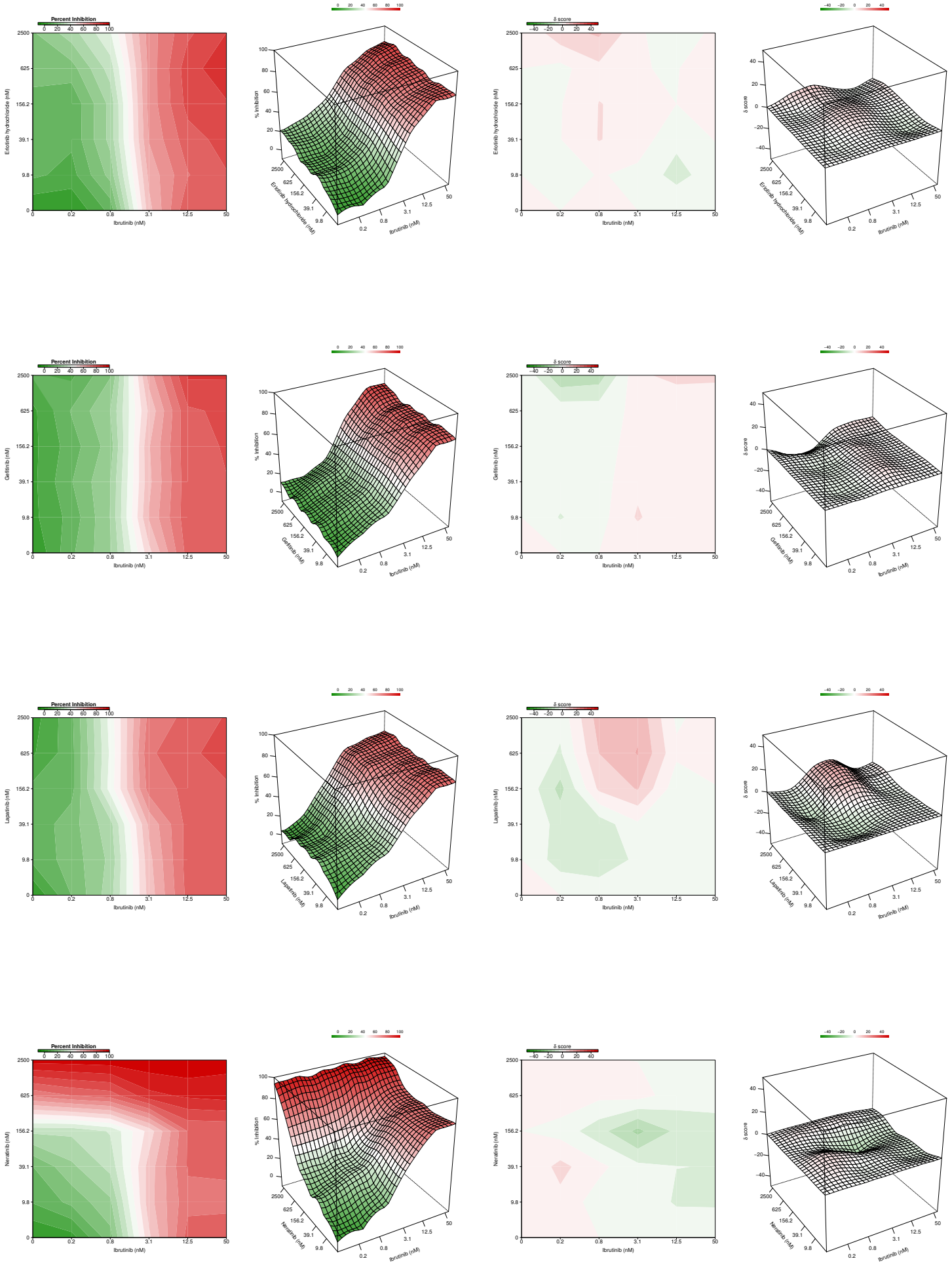

Percent Inhibition
0 20 40 60 80 100
Topotecan hydrochloride (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Cyclophosphamide (nM)
5-Azacitidine (nM)
Actinomycin D (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

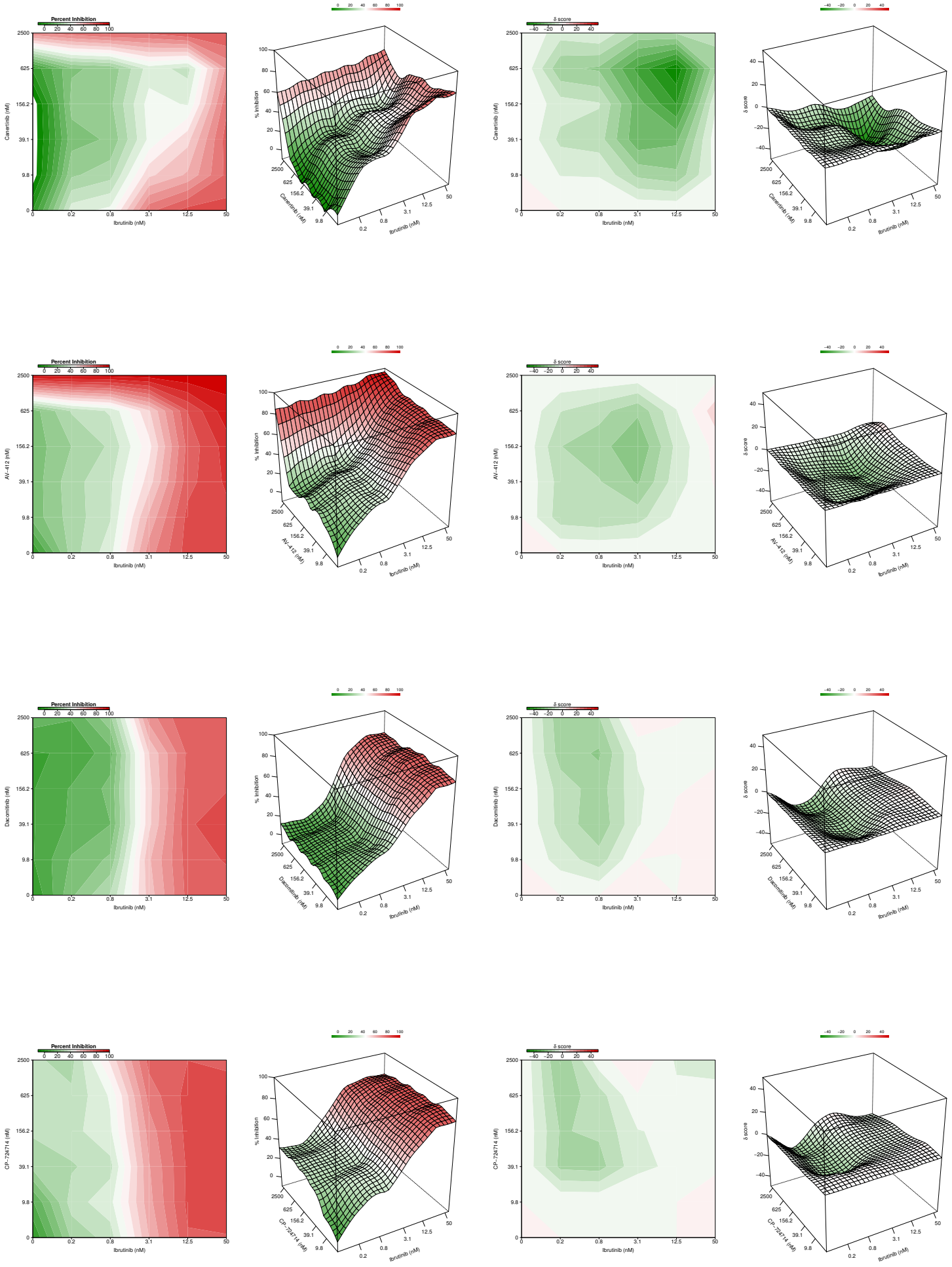

Percent Inhibition
0 20 40 60 80 100
δ score
−40 −20 0 20 40
Mitramycin (nM)
Itraconazole (nM)
Hydroxychloroquine sulfate (nM)
Mifepristone (nM)
Ibrutinib (nM)
% Inhibition
δ score
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

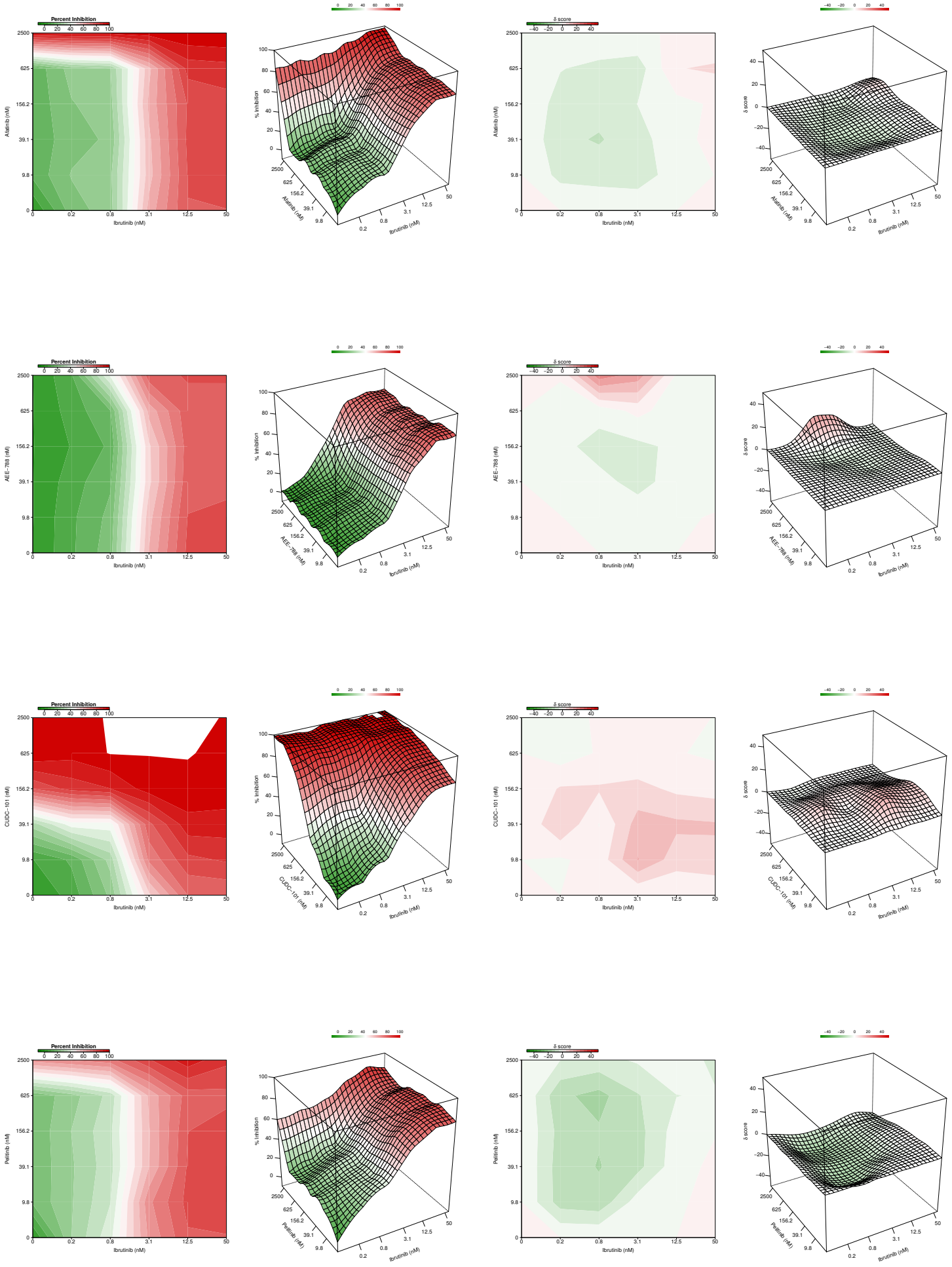

Percent Inhibition
0 20 40 60 80 100
Metformin HCl (nM)
Acadesine (nM)
A−769662 (nM)
Imatinib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

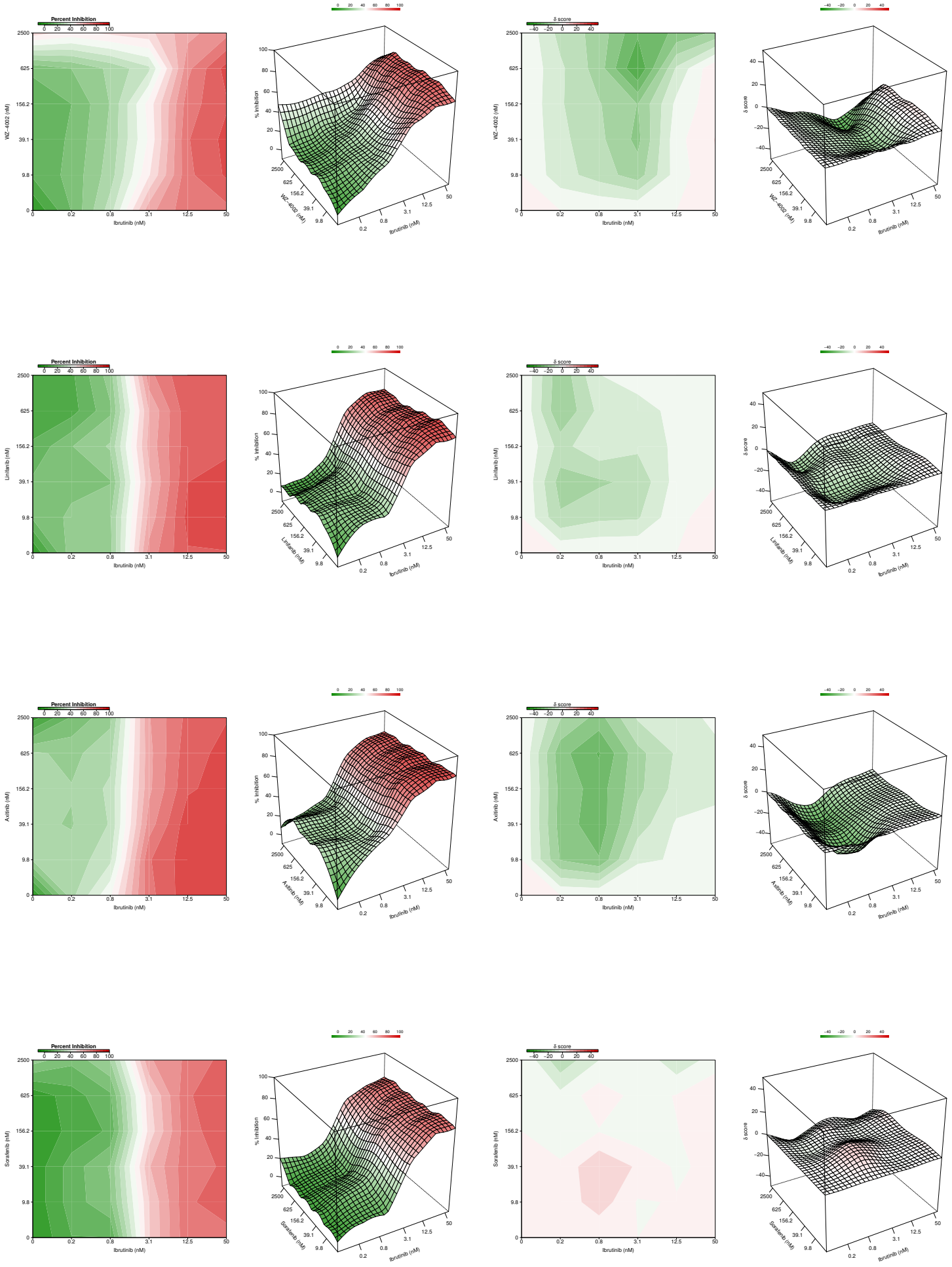

Percent Inhibition
0 20 40 60 80 100
Nilotinib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Ponatinib (nM)
DCC−2036 (nM)
Dasatinib (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

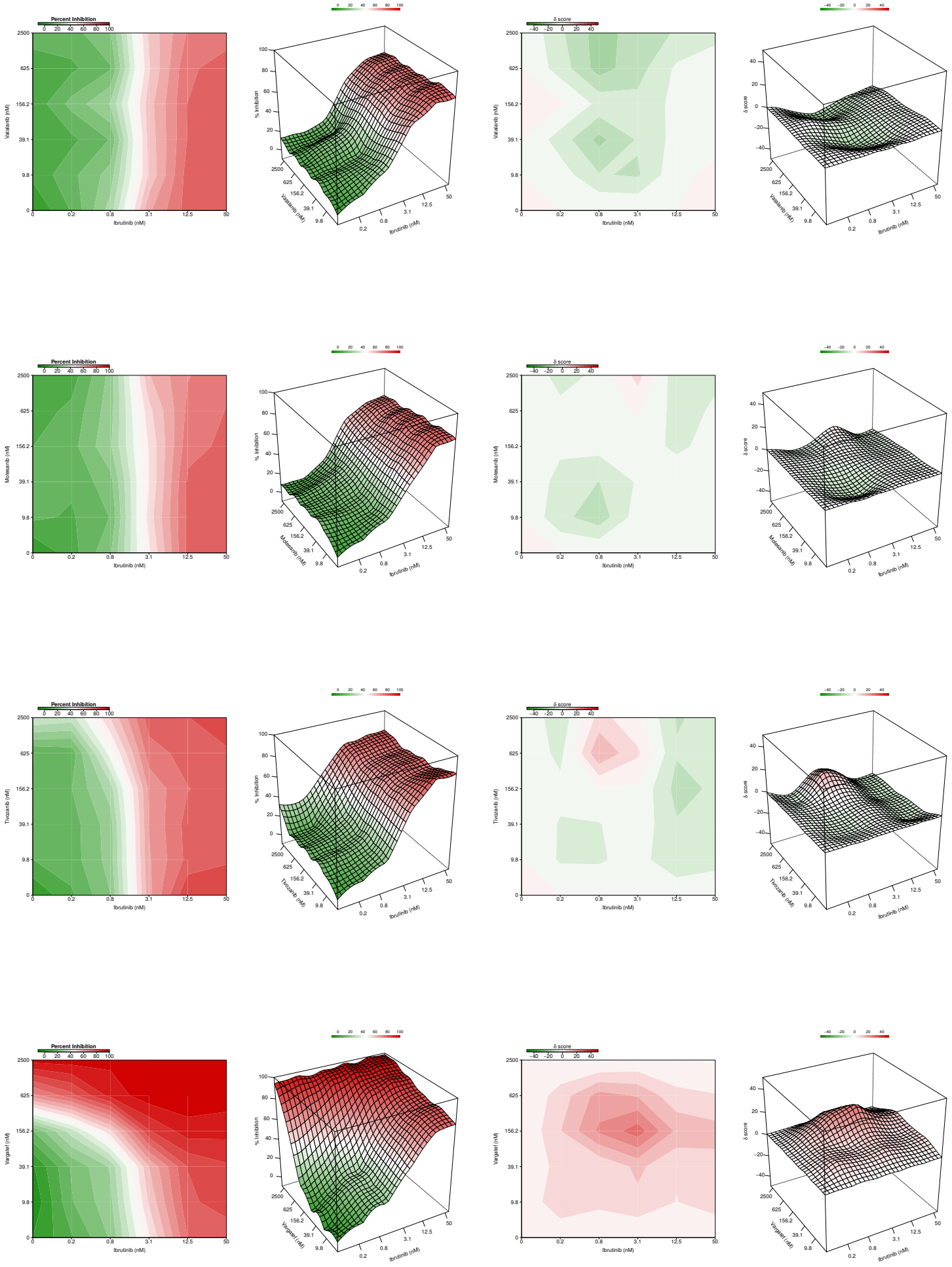

Percent Inhibition
0 20 40 60 80 100
Bosutinib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Saracatinib (nM)
PD−166285 (nM)
Vandetanib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

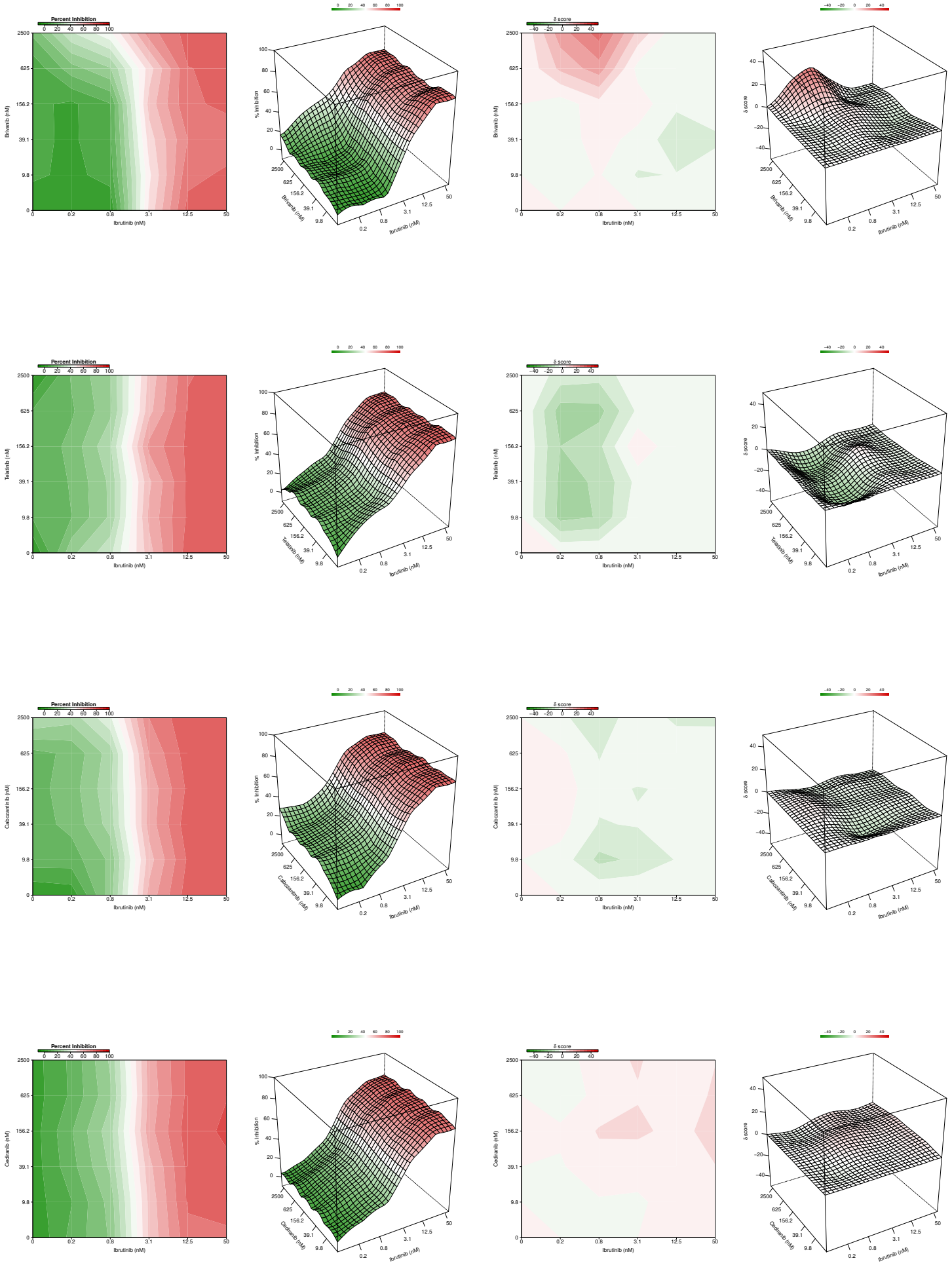

Percent Inhibition
0 20 40 60 80 100
Erlotinib hydrochloride (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Gefitinib (nM)
Lapatinib (nM)
Neratinib (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

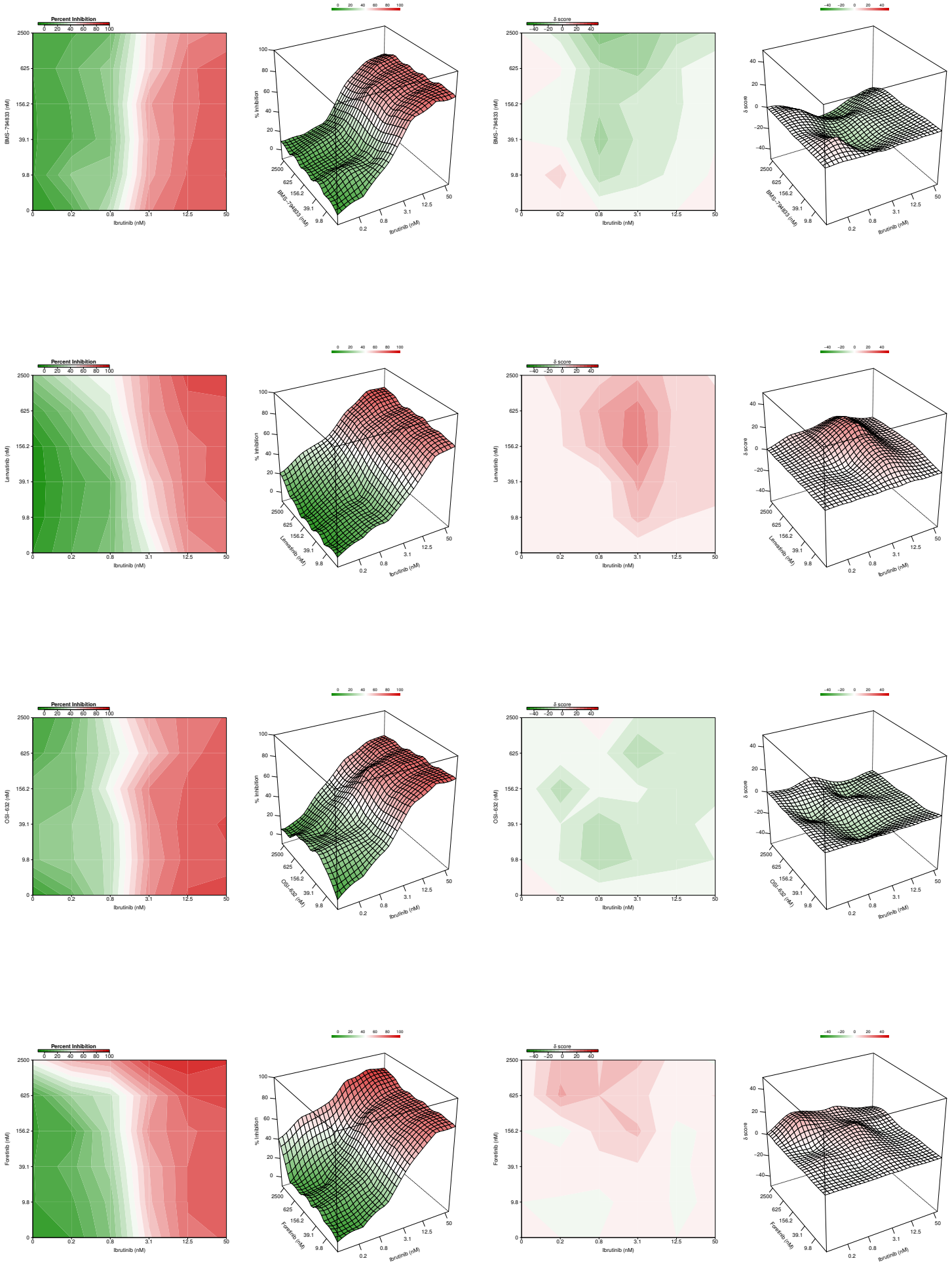

Percent Inhibition
0 20 40 60 80 100
Ibrutinib (nM)
Canertinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AV−412 (nM)
Dacomitinib (nM)
CP−724714 (nM)
0 0.2 0.8 3.1 12.5 50
2500 625 156.2 39.1 9.8 0

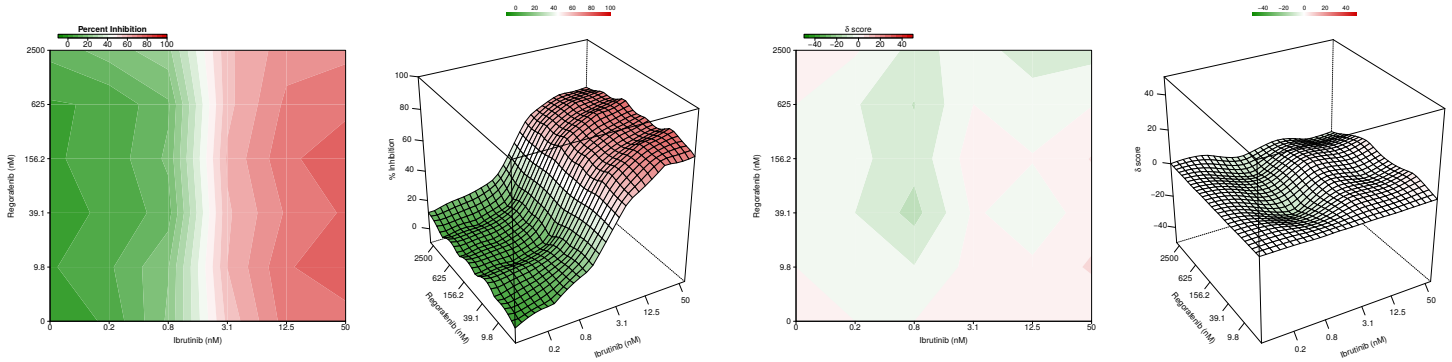

Percent Inhibition
0 20 40 60 80 100
Ibrutinib (nM)
Alatinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AEE−788 (nM)
CUDC−101 (nM)
Pelitinib (nM)

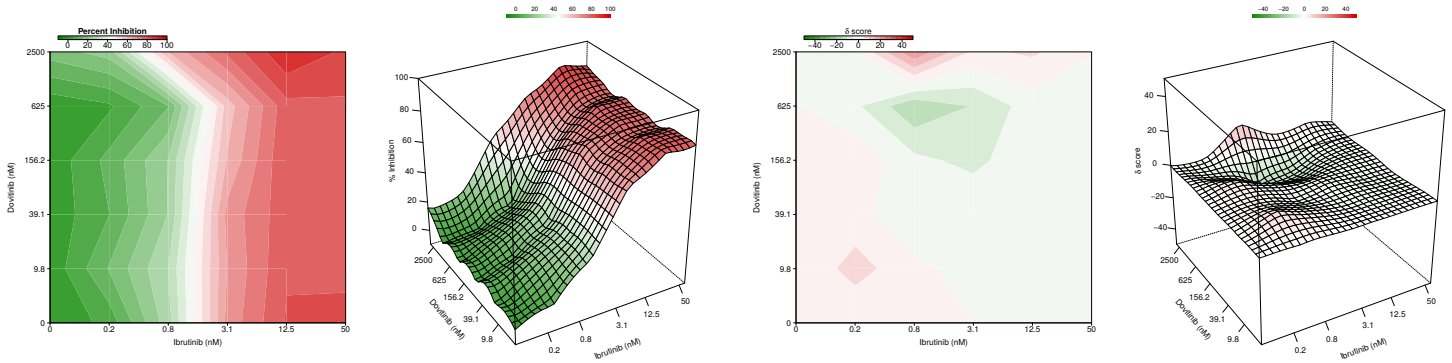

Percent Inhibition
0 20 40 60 80 100
WZ-4002 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Linifanib (nM)
Axitinib (nM)
Sorafenib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

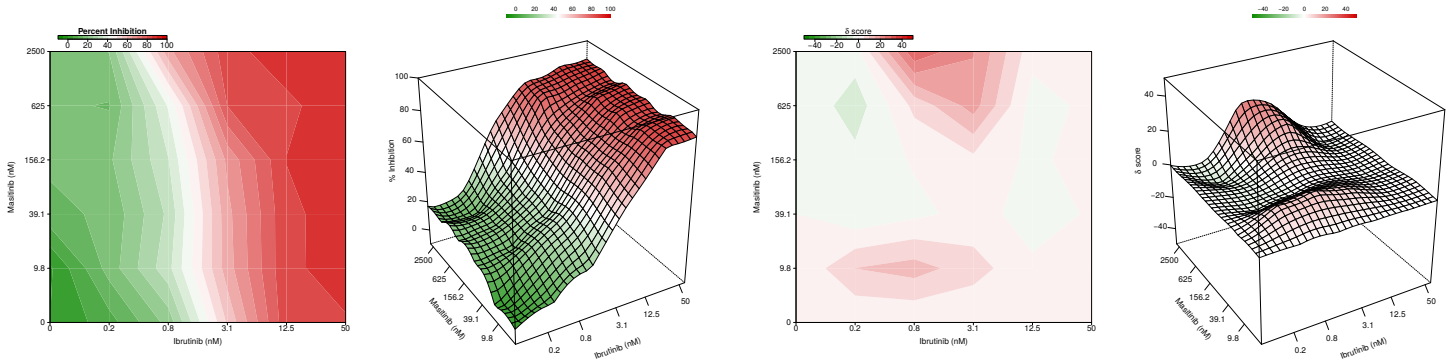

Percent Inhibition
0 20 40 60 80 100
Vatalanib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Mosesanib (nM)
Tivozanib (nM)
Vargatef (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

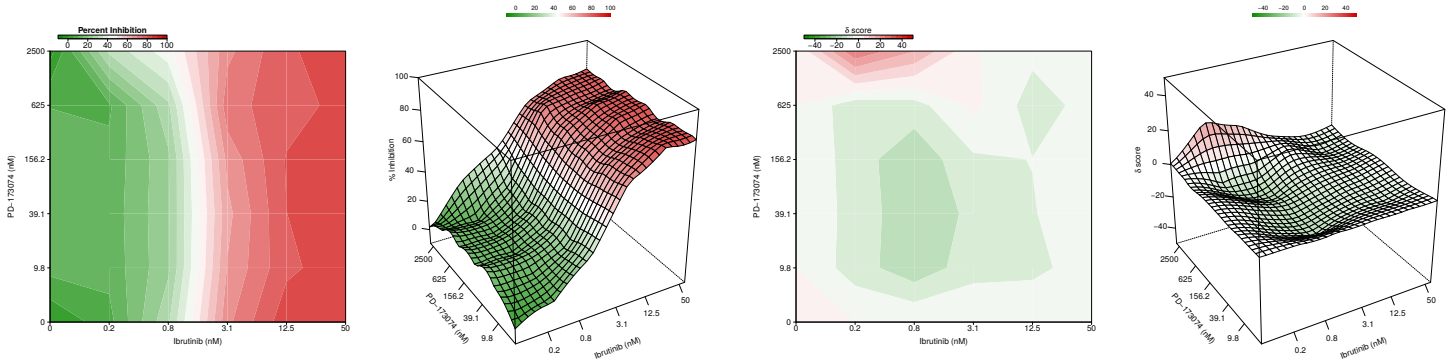

Percent Inhibition
0 20 40 60 80 100
Brivanib (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
Telatinib (nM)
Cabozantinib (nM)
Cediranib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

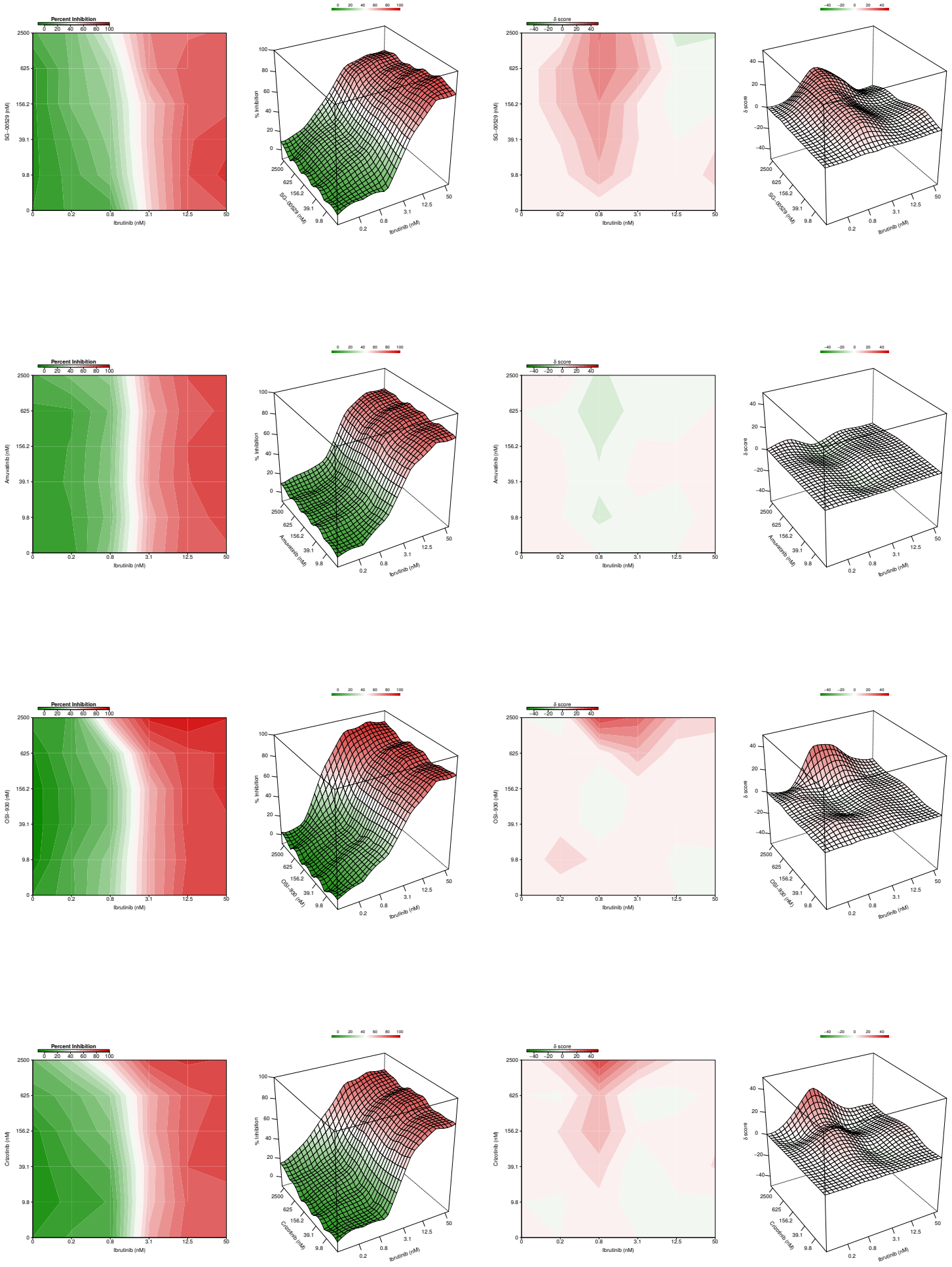

Percent Inhibition
0 20 40 60 80 100
BMS-794833 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Lenvatinib (nM)
OSI-632 (nM)
Foretinib (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

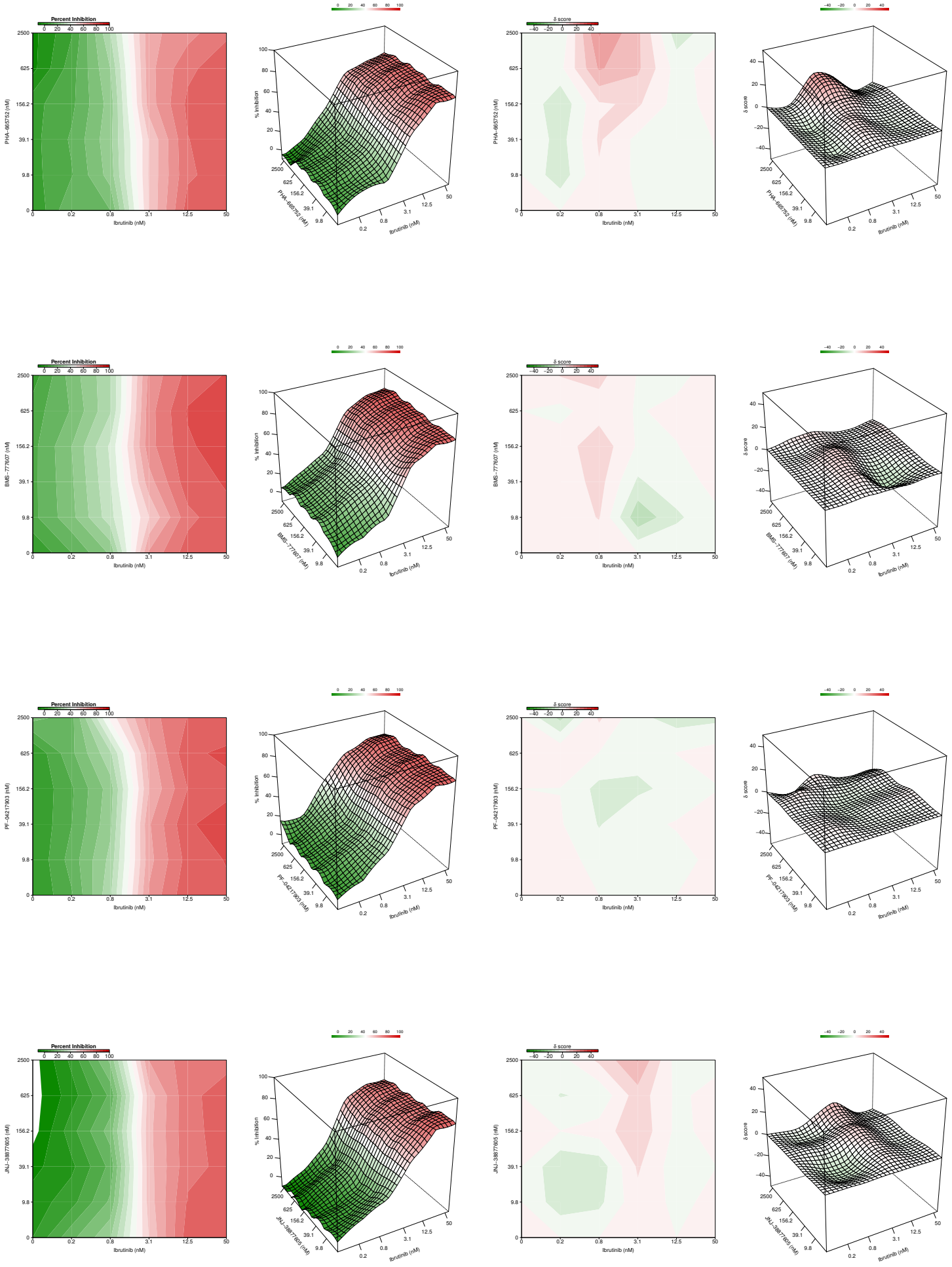

Percent Inhibition
0 20 40 60 80 100
Regorafenib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

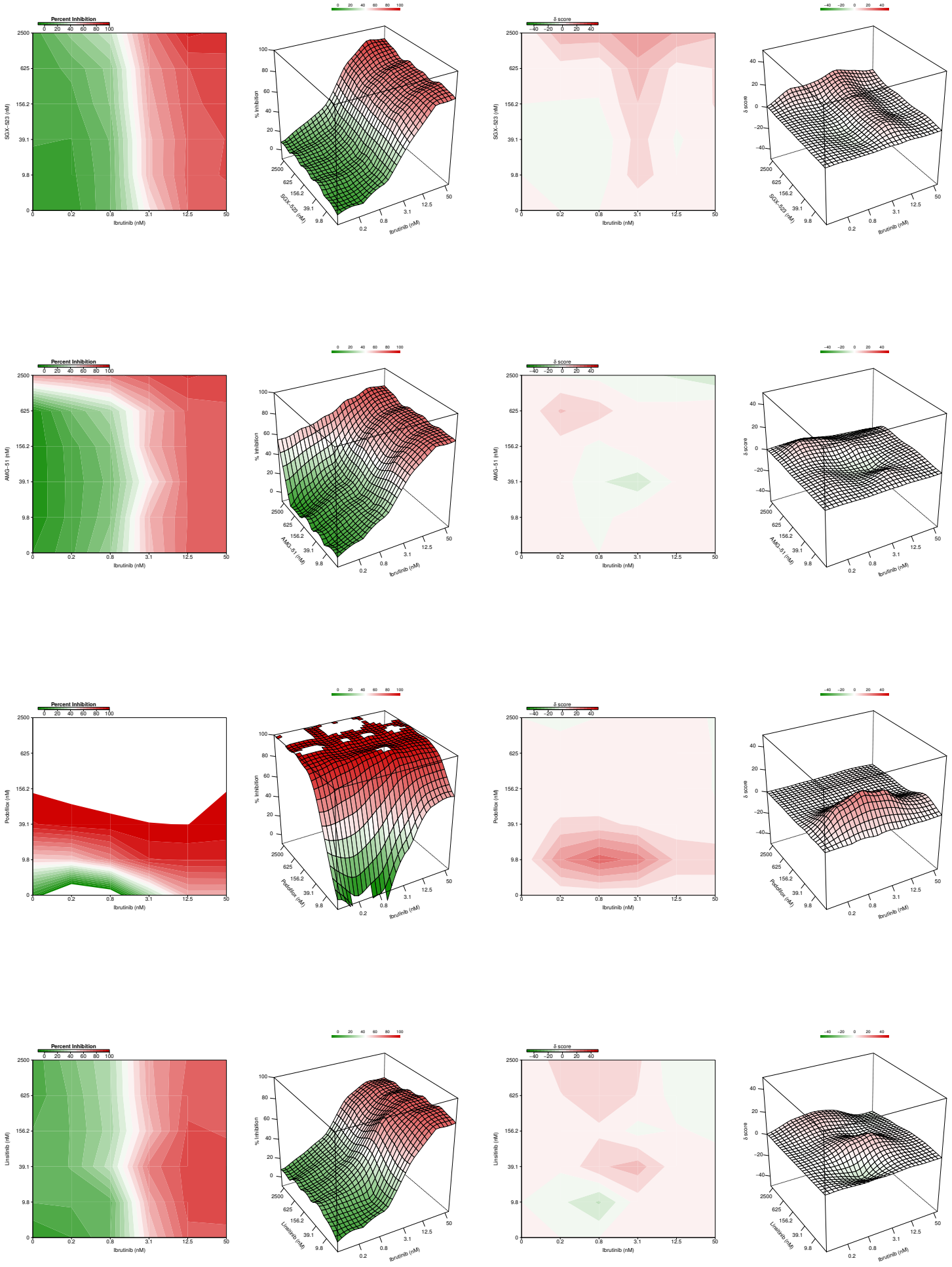

Percent Inhibition
0 20 40 60 80 100
Dovitinib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

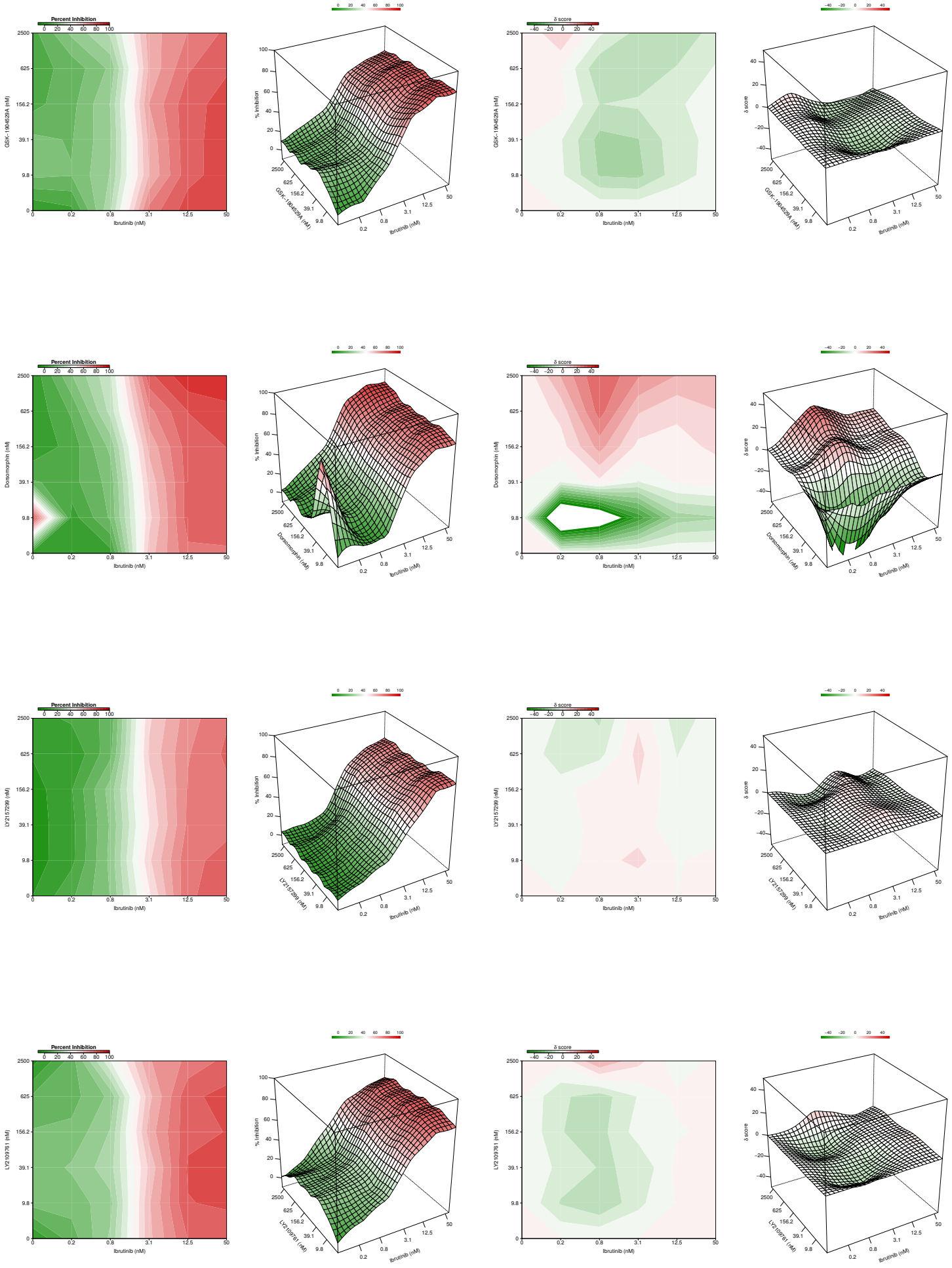

Percent Inhibition
0 20 40 60 80 100
Masitinib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

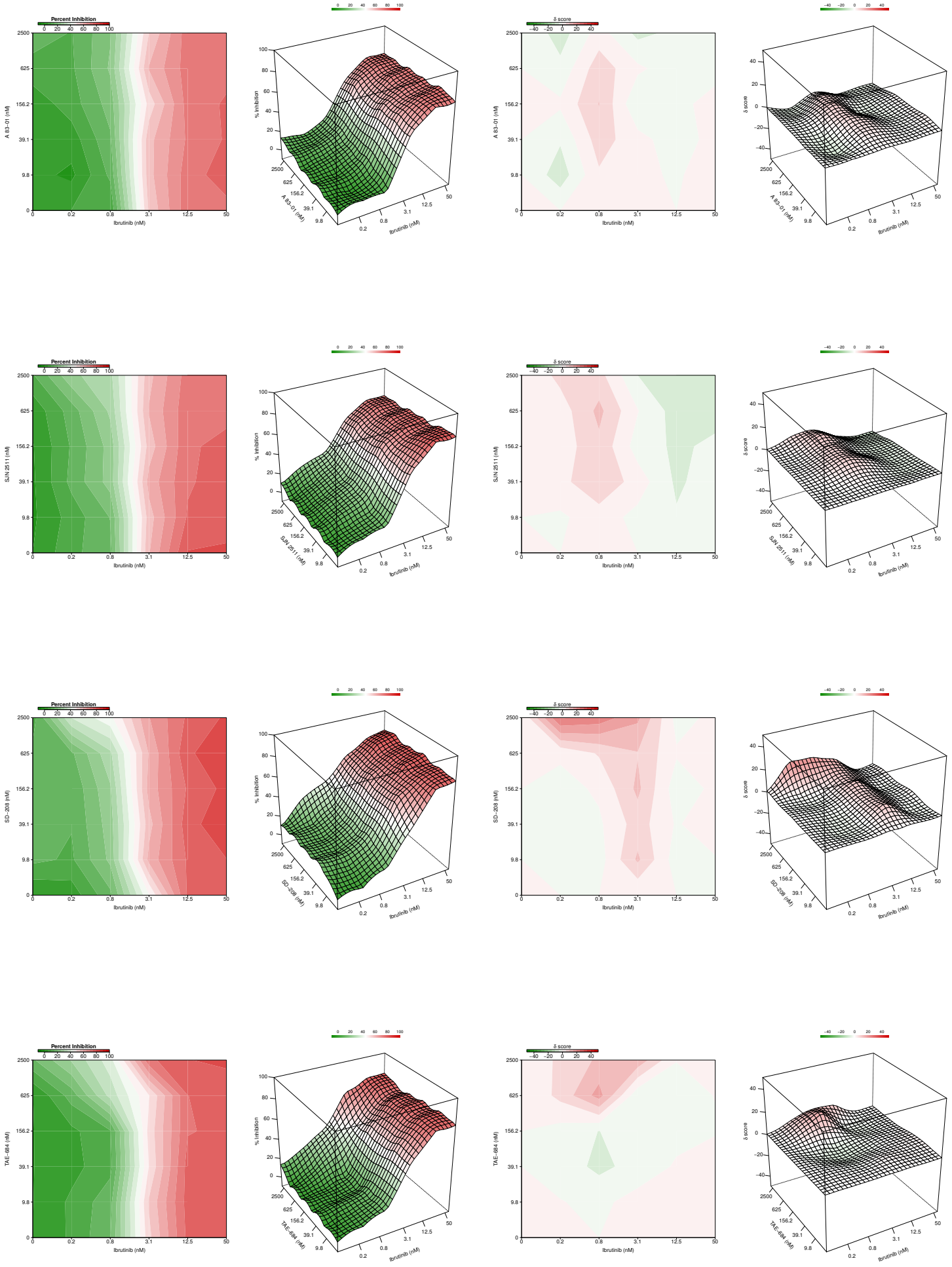

Percent Inhibition
0 20 40 60 80 100
PD-173074 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

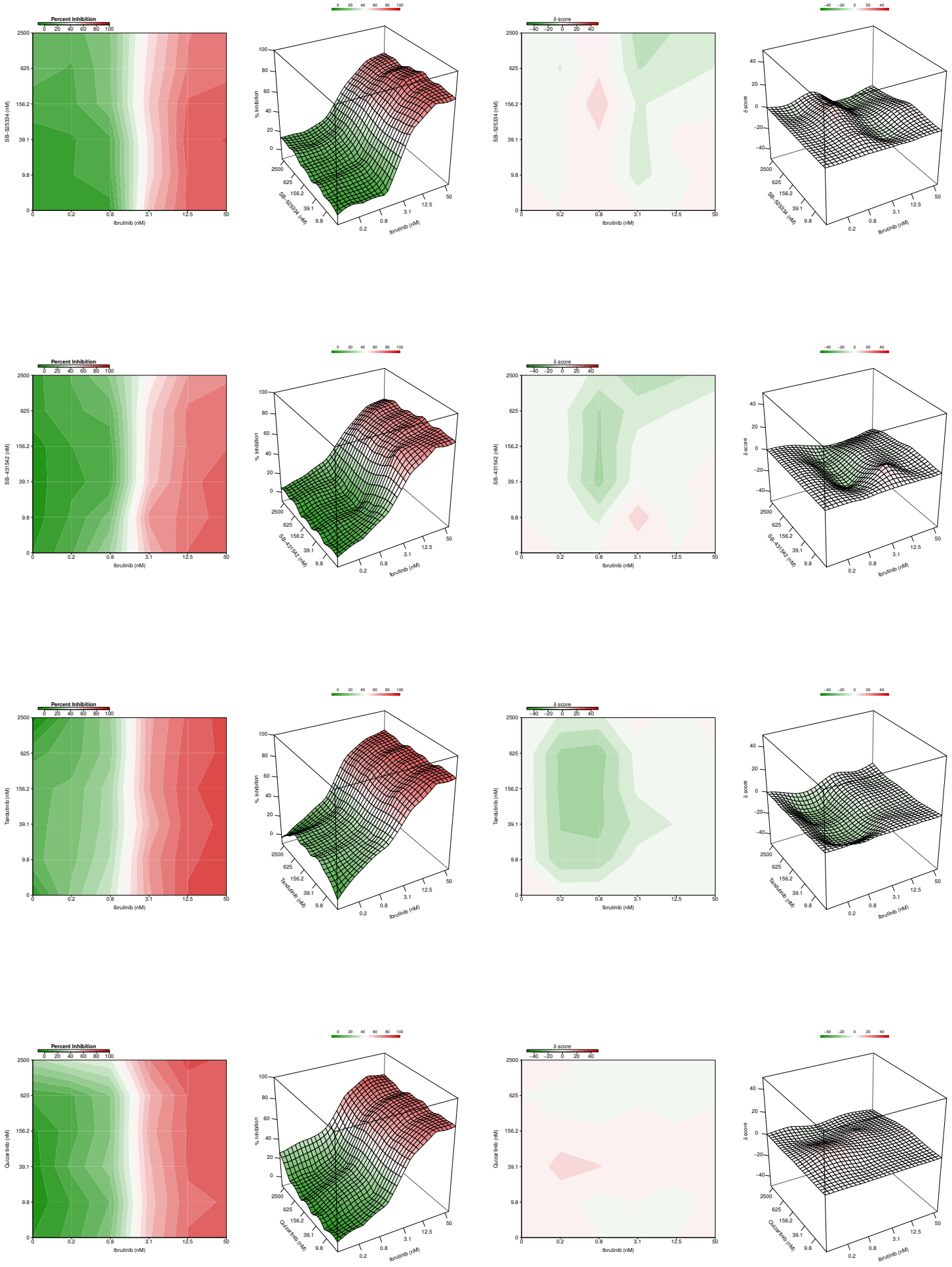

Percent Inhibition
0 20 40 60 80 100
SG−00529 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Amuvatinib (nM)
OSI−930 (nM)
Crizotinib (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

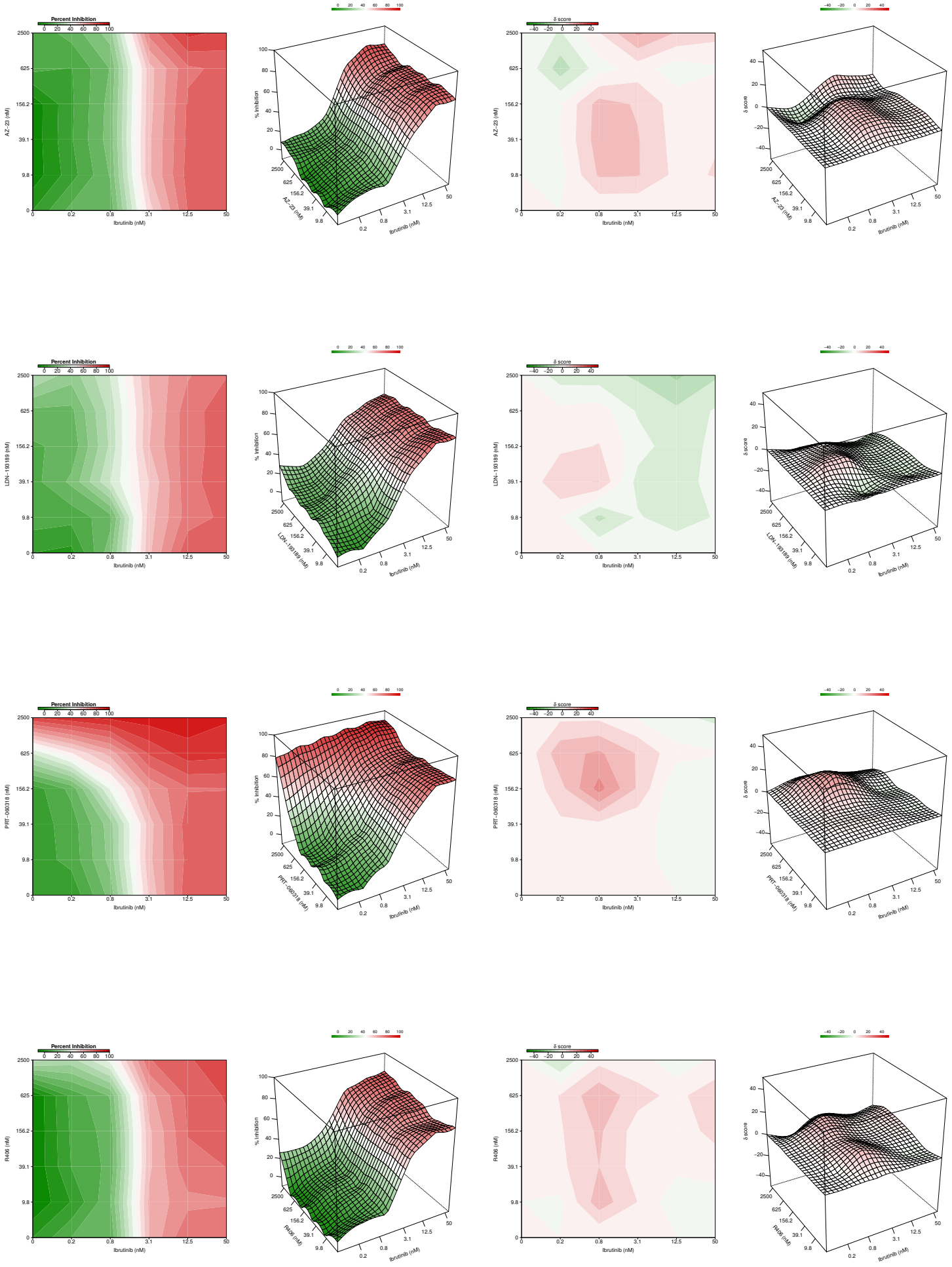

Percent Inhibition
0 20 40 60 80 100
PHA-665752 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score
BMS-777607 (nM)
PF-04217903 (nM)
JNJ-38877605 (nM)

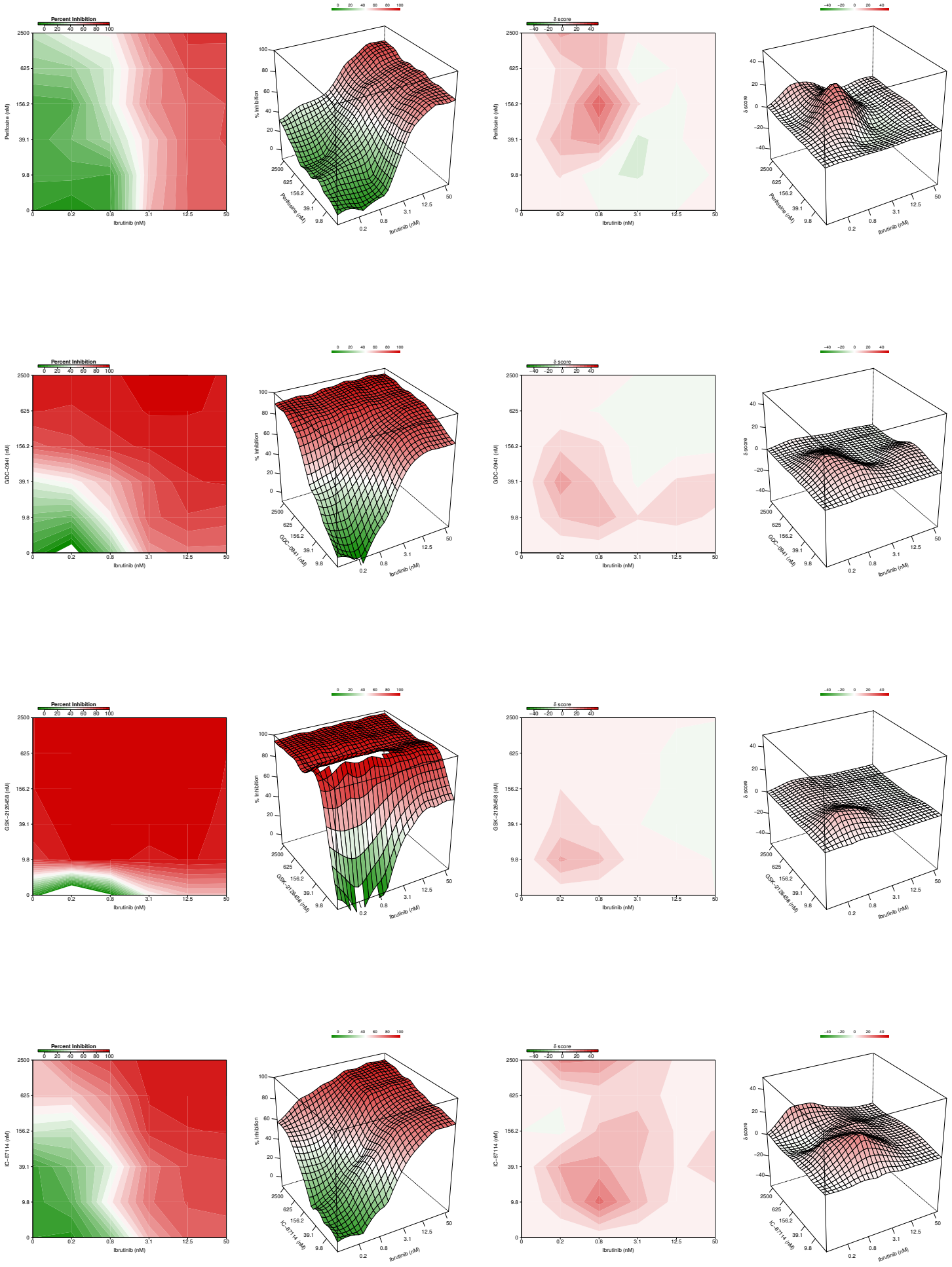

Percent Inhibition
0 20 40 60 80 100
SGX-523 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AMG-51 (nM)
Podofilox (nM)
Linsitinib (nM)
0 0.2 0.8 3.1 12.5 50
0 9.8 39.1 156.2 625 2500

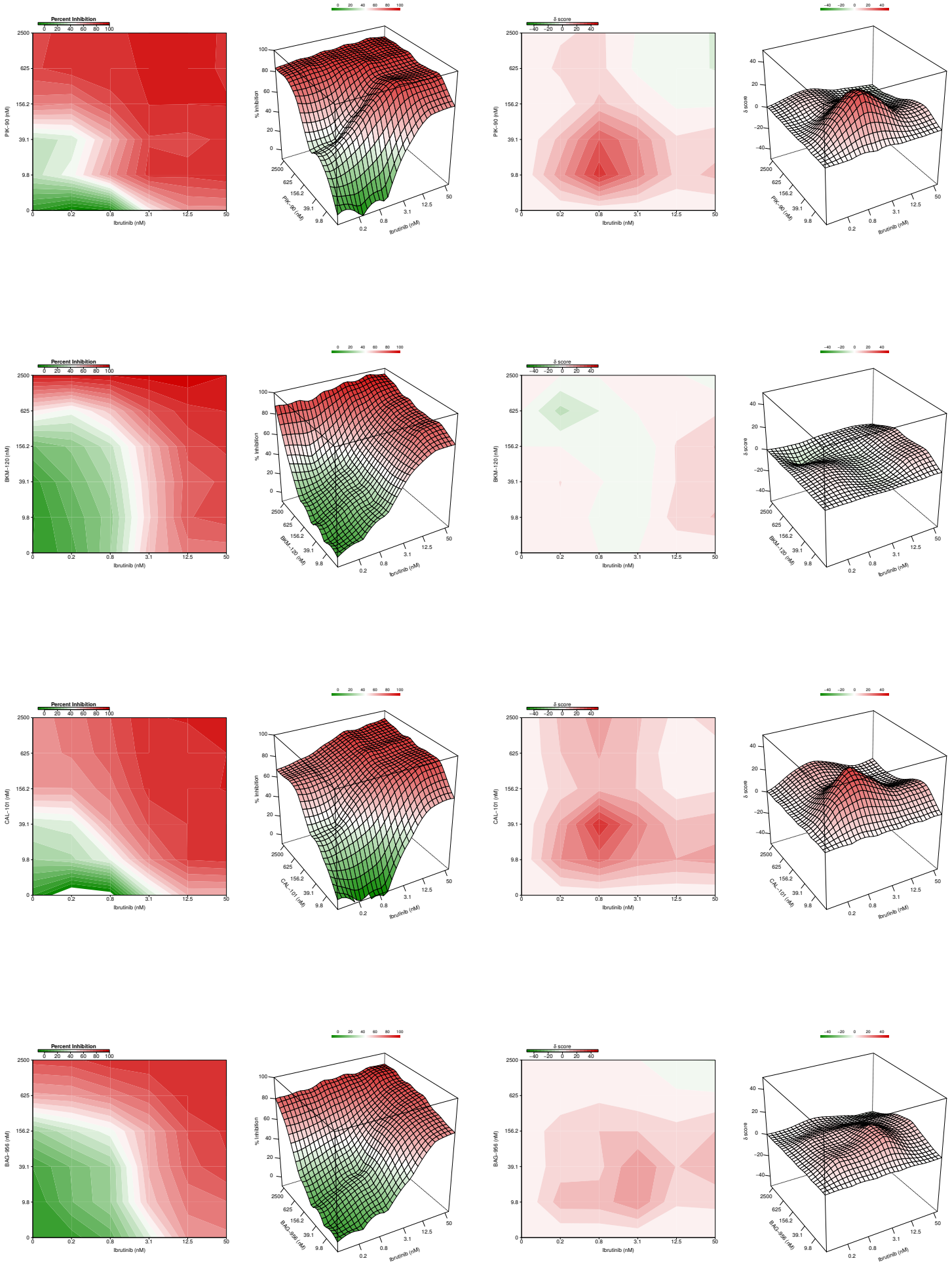

Percent Inhibition
0 20 40 60 80 100
% inhibition
δ score
−40 −20 0 20 40
Ibrutinib (nM)
GSK−1904529A (nM)
Dorsomorphin (nM)
LY2157299 (nM)
LY2109761 (nM)
0 0.2 0.8 3.1 12.5 50
0 9.8 39.1 156.2 625 2500

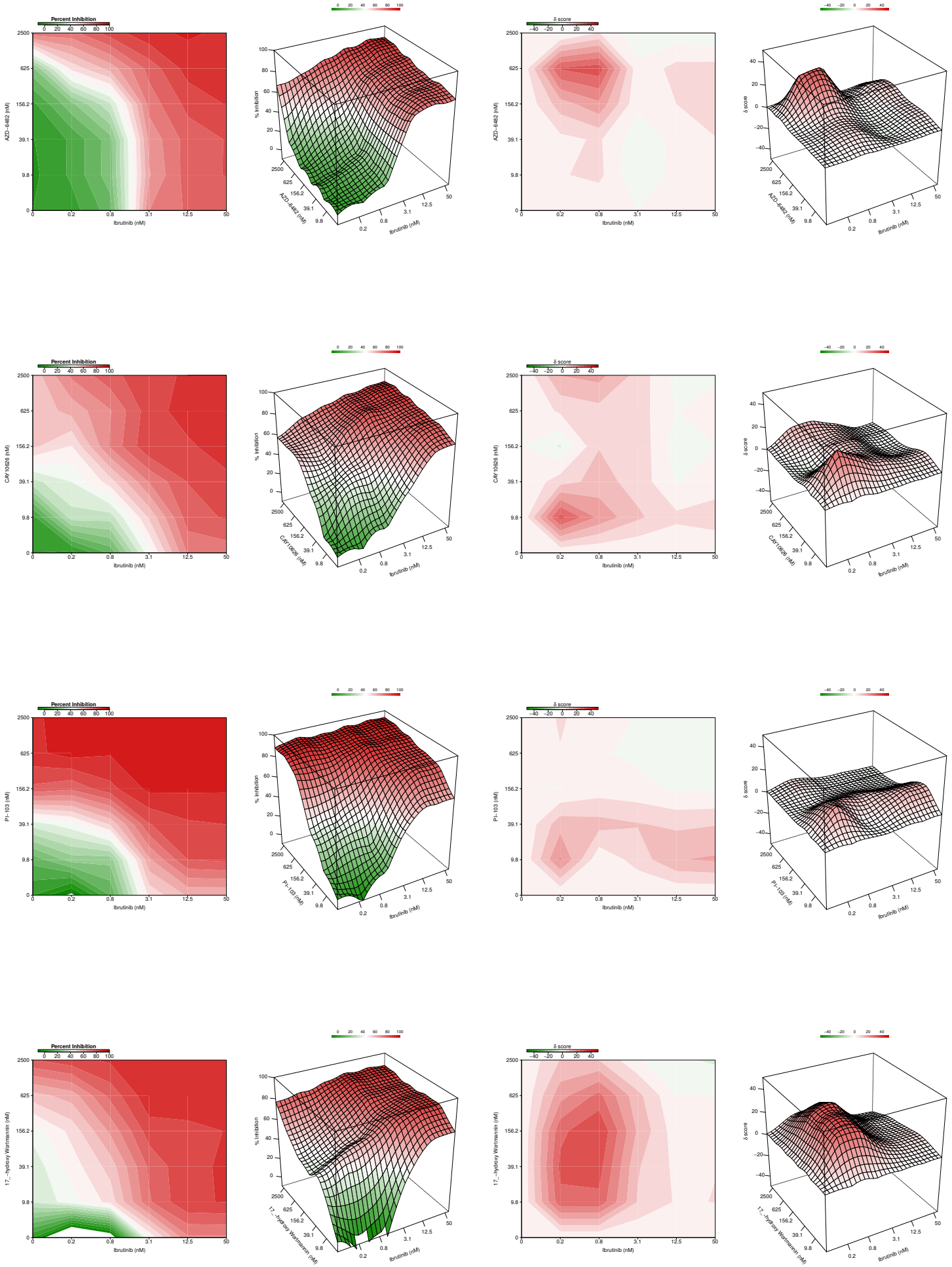

Percent Inhibition
0 20 40 60 80 100
A 83-01 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
SJN 2511 (nM)
SD-208 (nM)
TAE-684 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

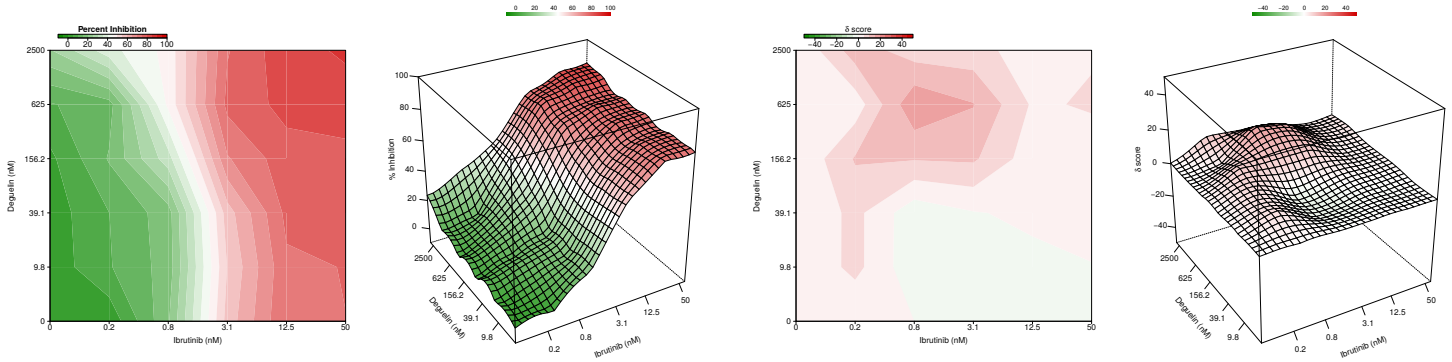

Percent Inhibition
0 20 40 60 80 100
SB−525334 (nM)
SB−431542 (nM)
Tanduinib (nM)
Quizartinib (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

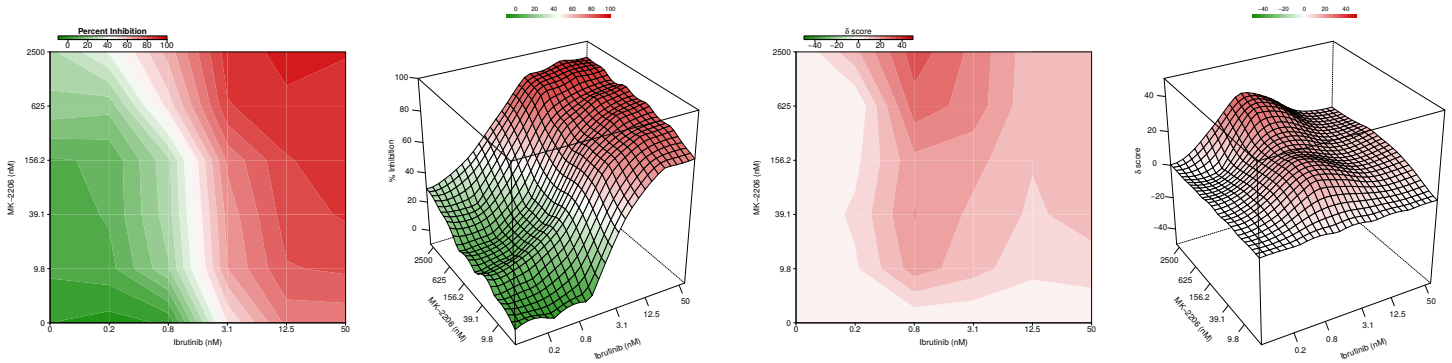

Percent Inhibition
0 20 40 60 80 100
AZ-23 (nM)
LDN-193189 (nM)
PRT-060318 (nM)
R406 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

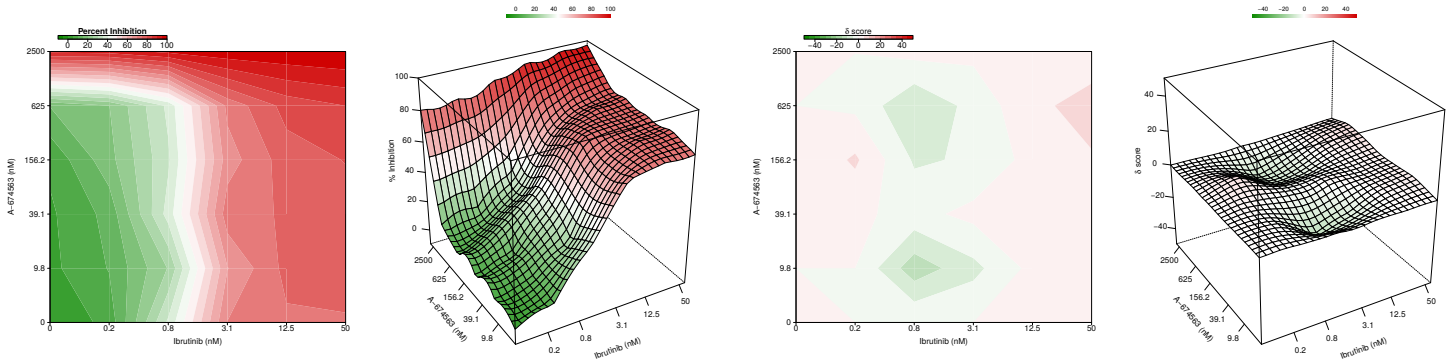

Percent Inhibition
0 20 40 60 80 100
Pelitinib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
GDC−0941 (nM)
GSK−2126458 (nM)
IC−87114 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

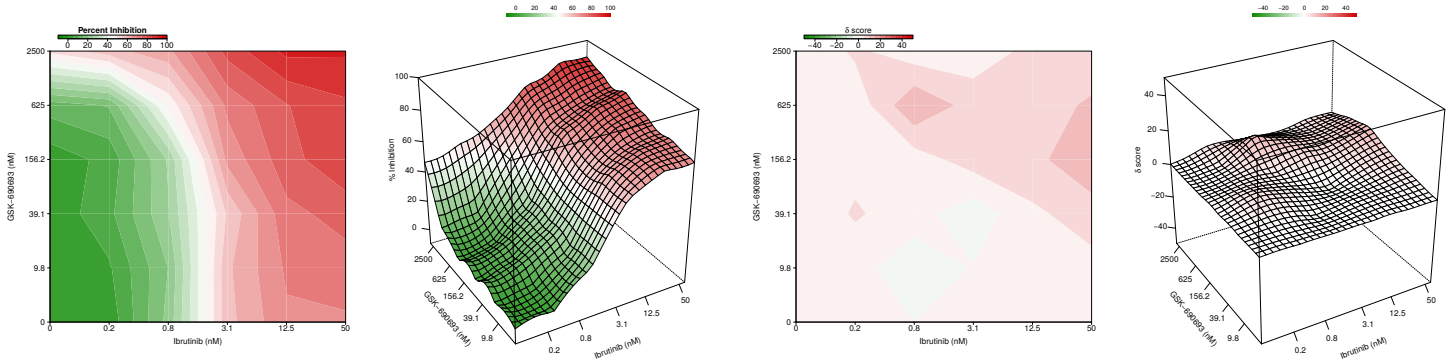

Percent Inhibition
0 20 40 60 80 100
PIK-90 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
BKM-120 (nM)
CAL-101 (nM)
BAG-956 (nM)

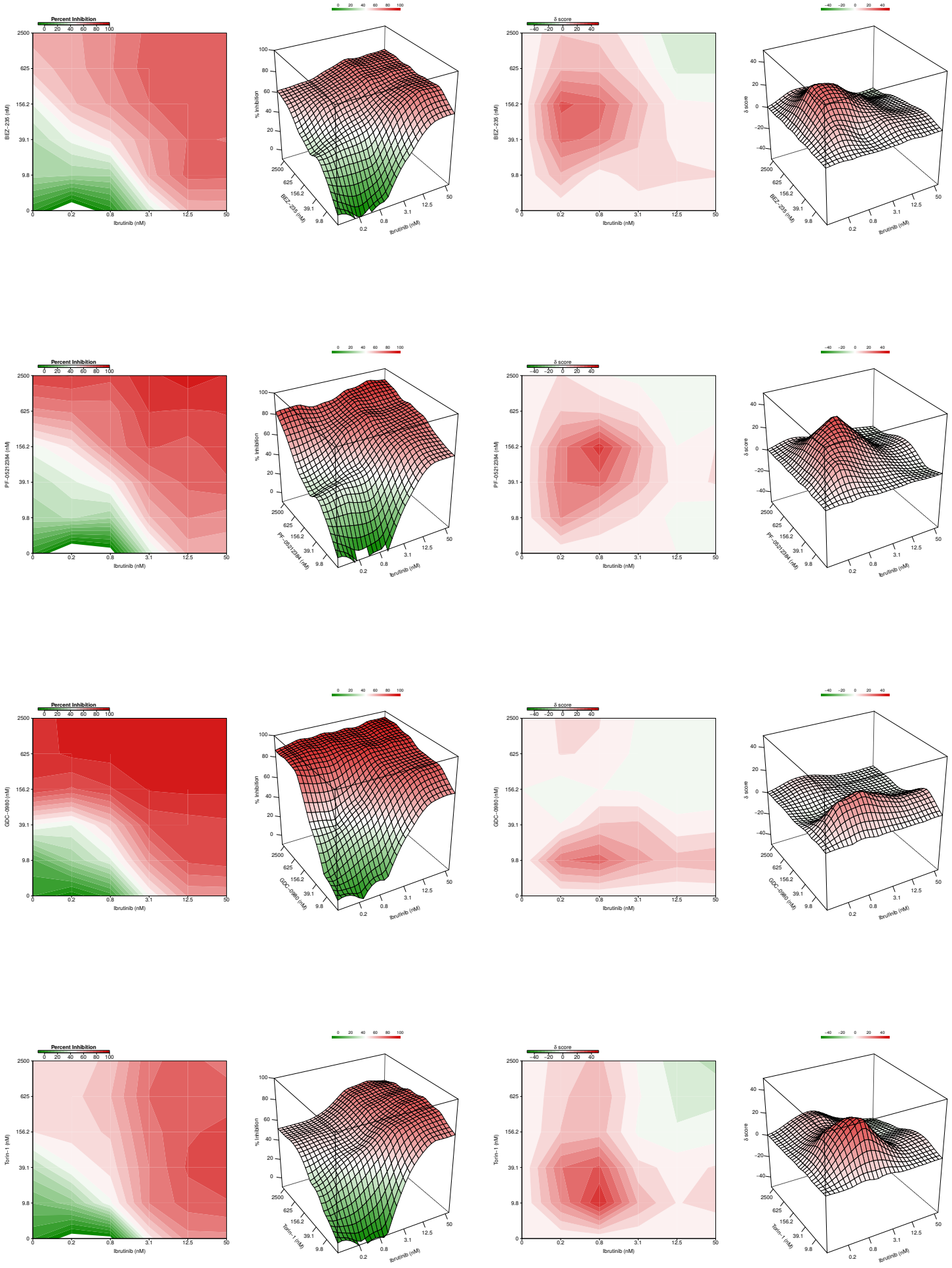

Percent Inhibition
0 20 40 60 80 100
AZD-6482 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
CAY10626 (nM)
PI-103 (nM)
17-hydroxy Wortmannin (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

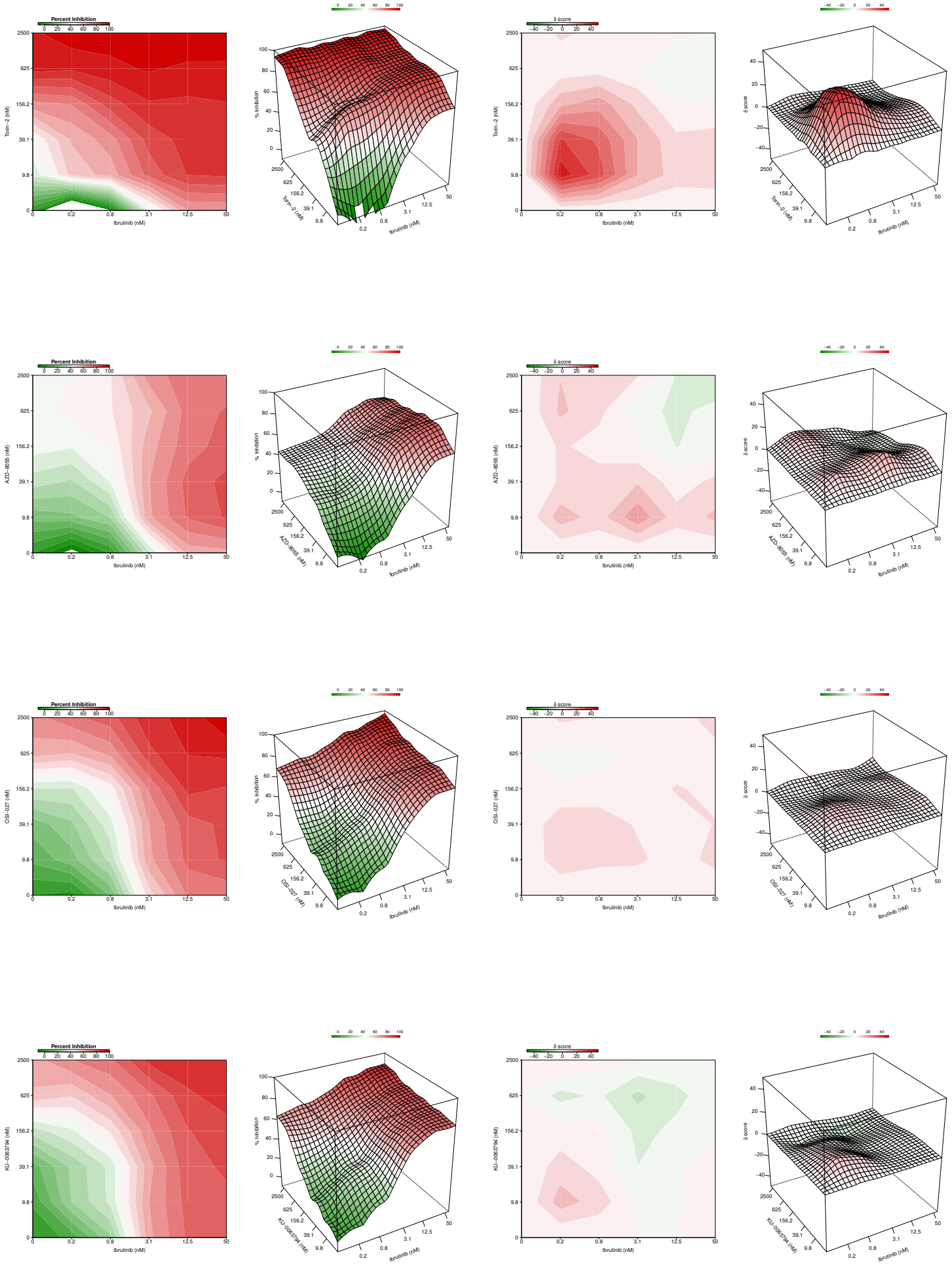

Percent Inhibition
0 20 40 60 80 100
Deguelin (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

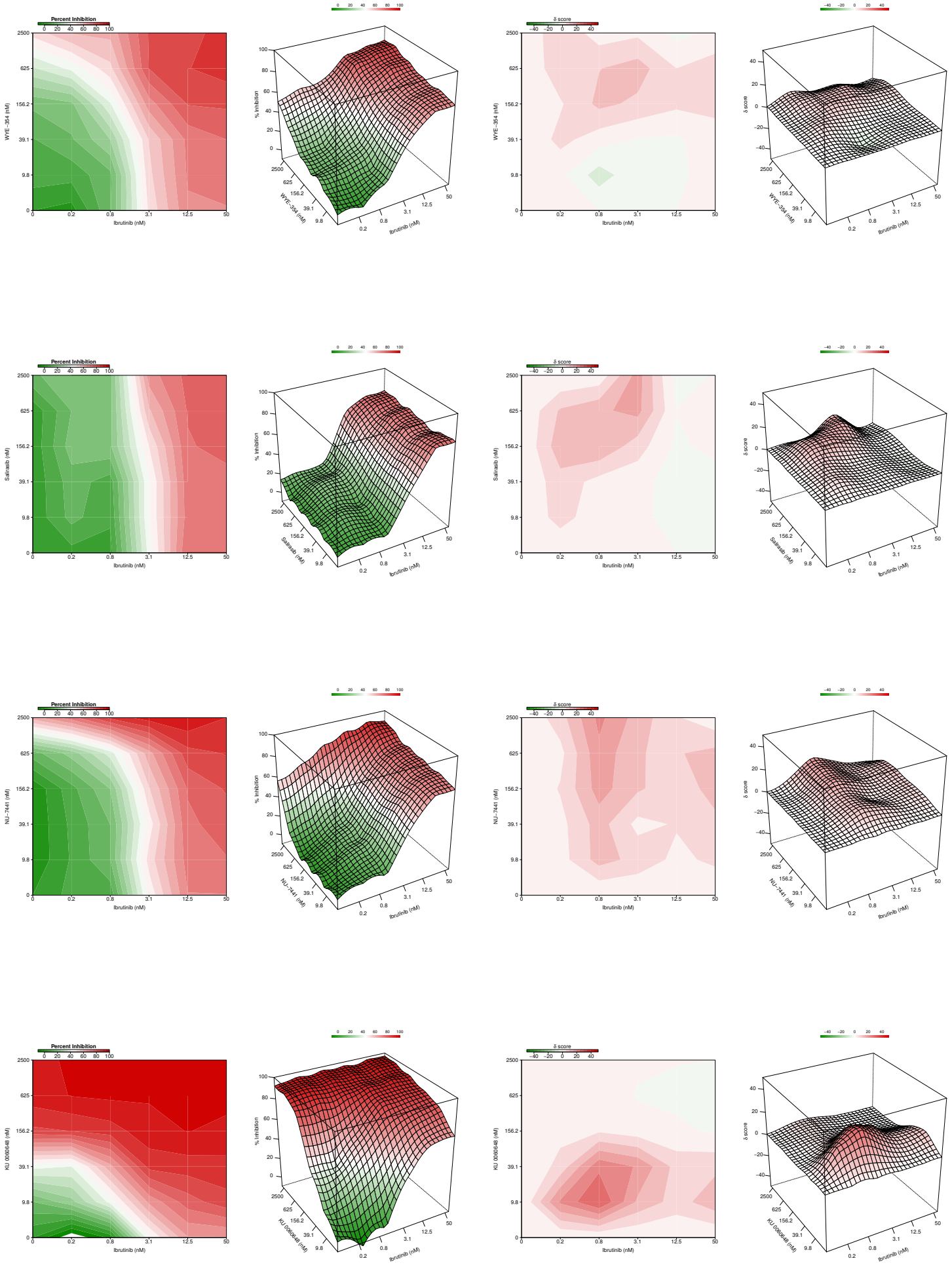

Percent Inhibition
0 20 40 60 80 100
MK-2206 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

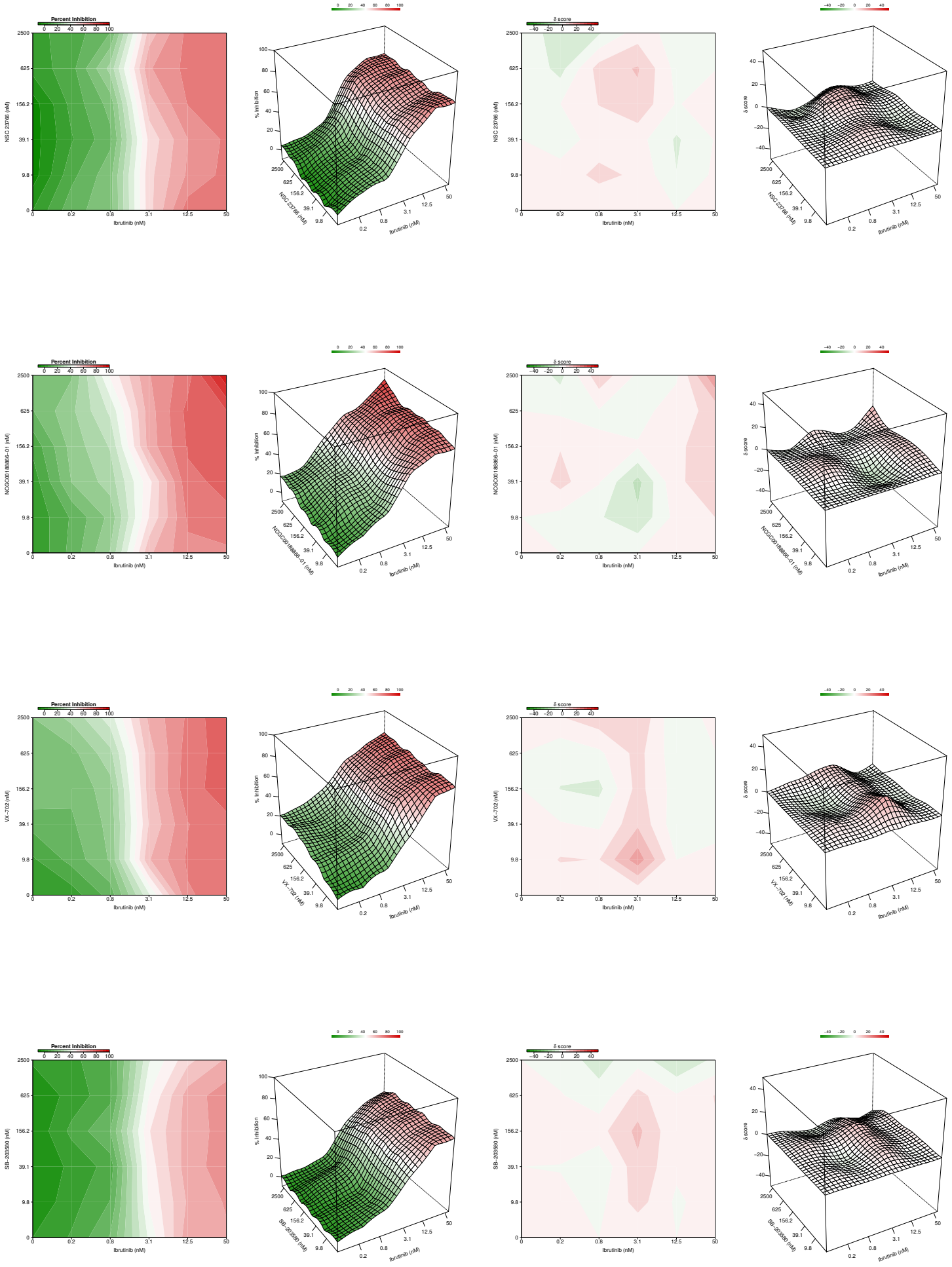

Percent Inhibition
0 20 40 60 80 100
A-674563 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

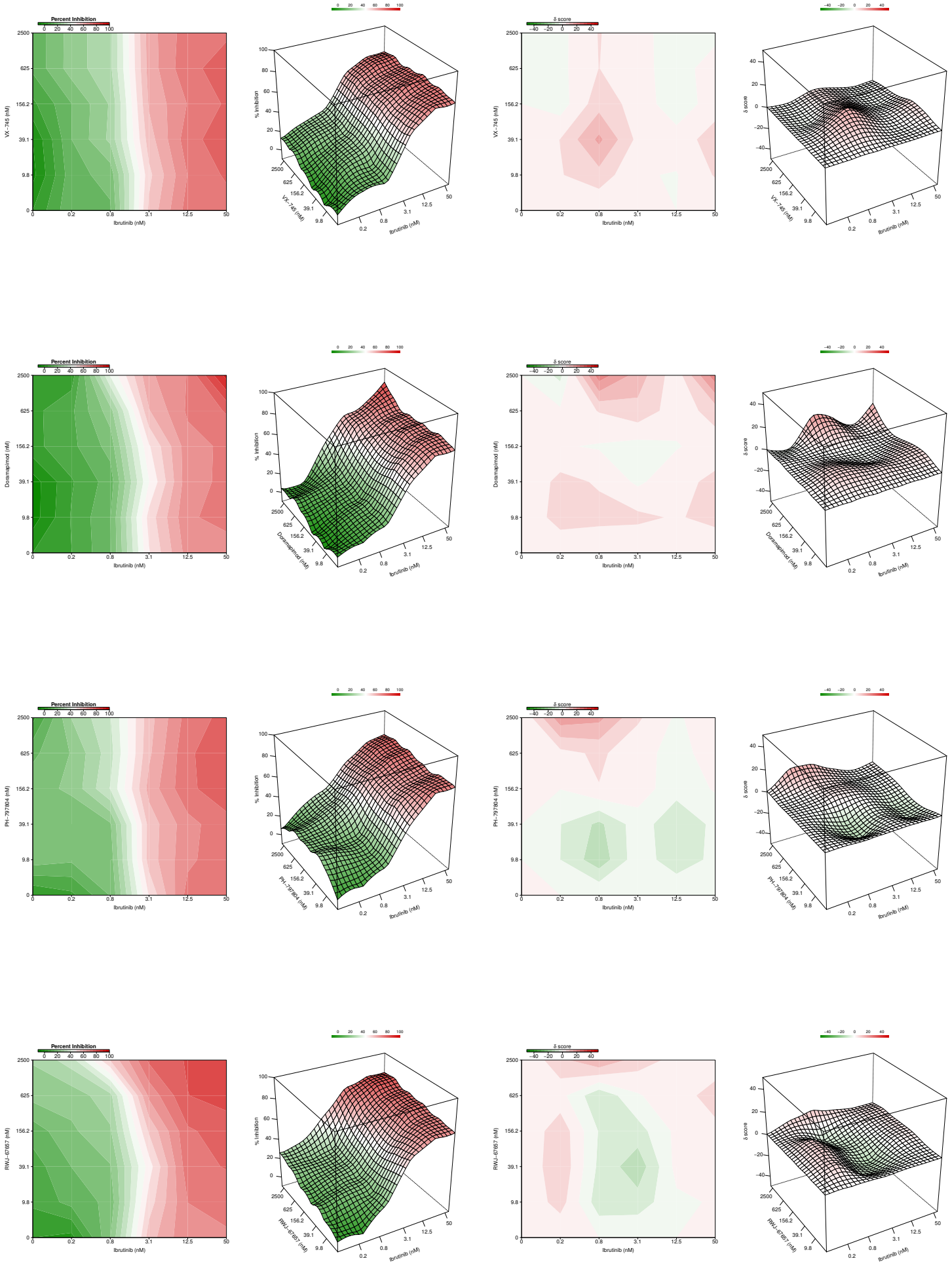

Percent Inhibition
0 20 40 60 80 100
GSK-690693 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

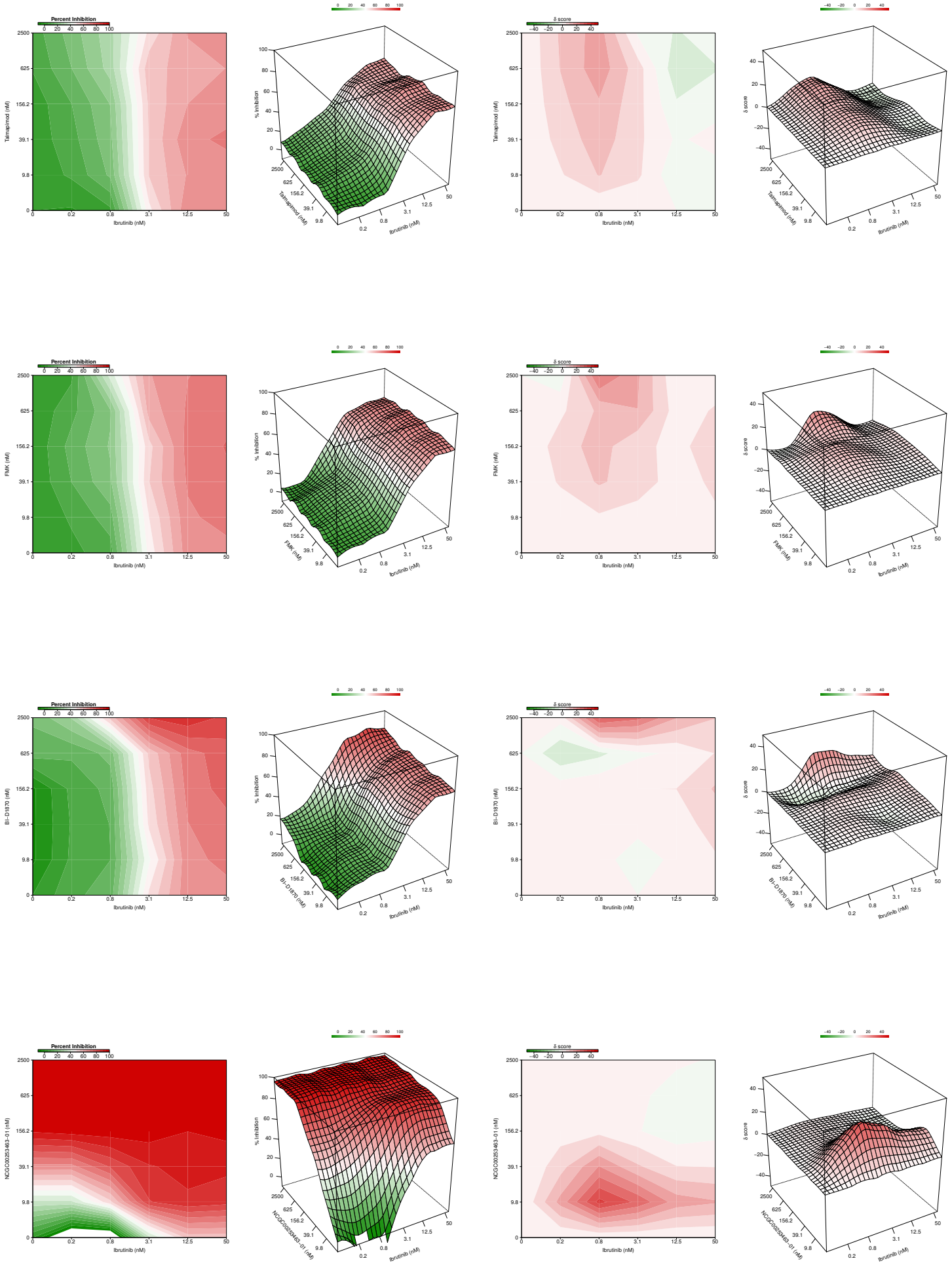

Percent Inhibition
0 20 40 60 80 100
BEZ−235 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
PF−05212384 (nM)
GDC−0980 (nM)
Torin−1 (nM)

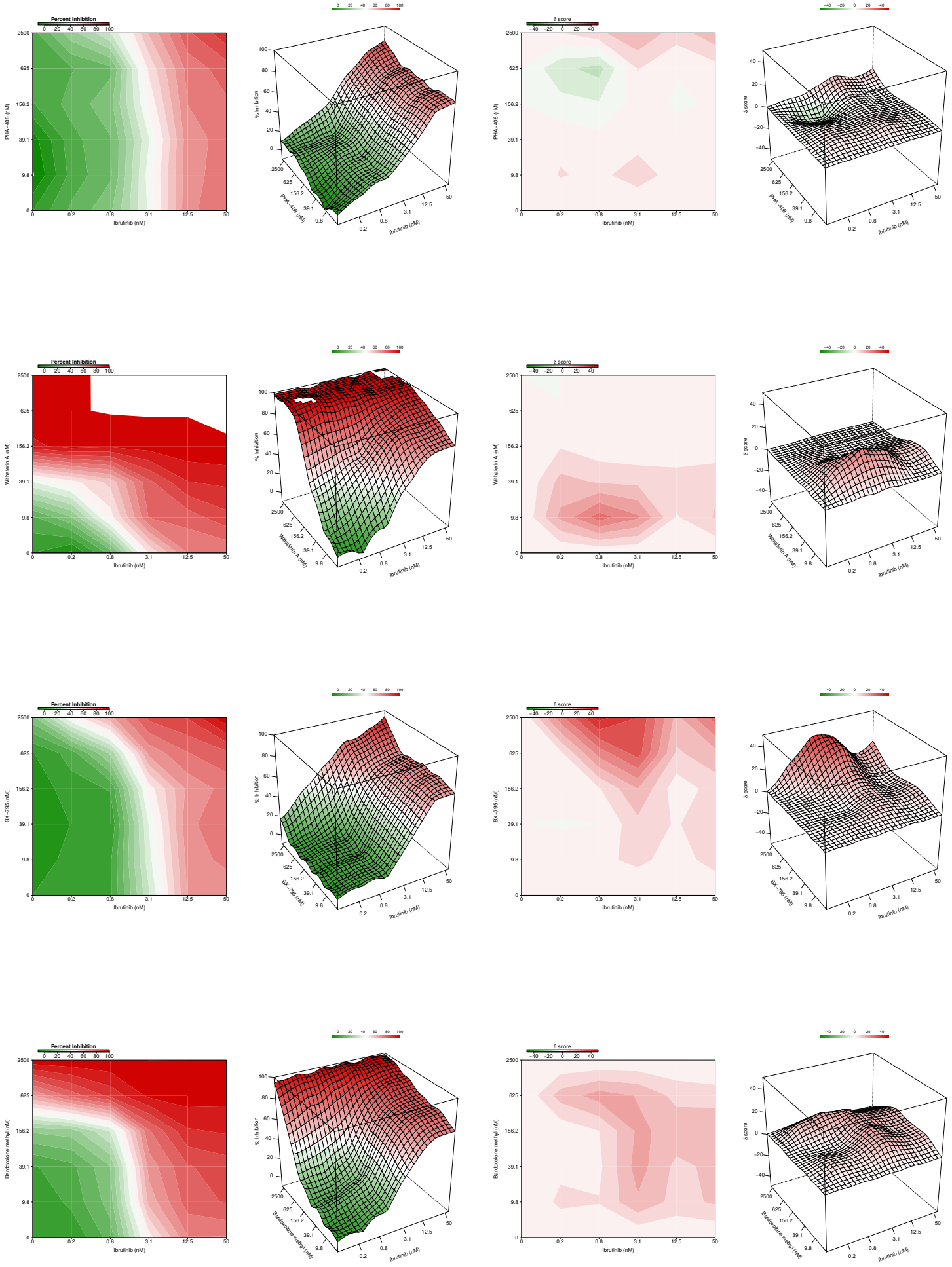

Percent Inhibition
0 20 40 60 80 100
Torin−2 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AZD−8055 (nM)
OSI−027 (nM)
KU−063794 (nM)

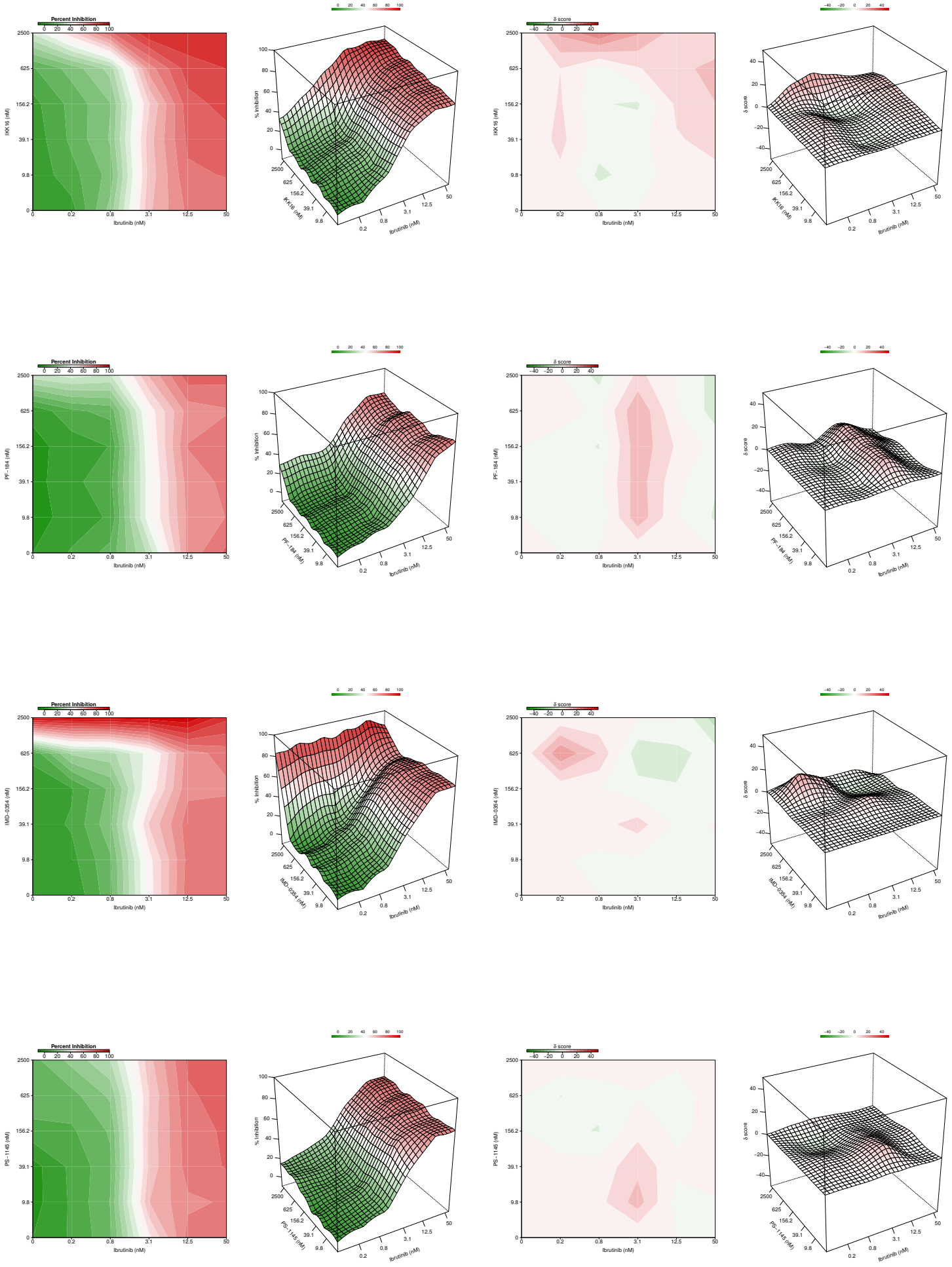

Percent Inhibition
0 20 40 60 80 100
WYE-354 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Saltrasib (nM)
NU-7441 (nM)
KU-0060648 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

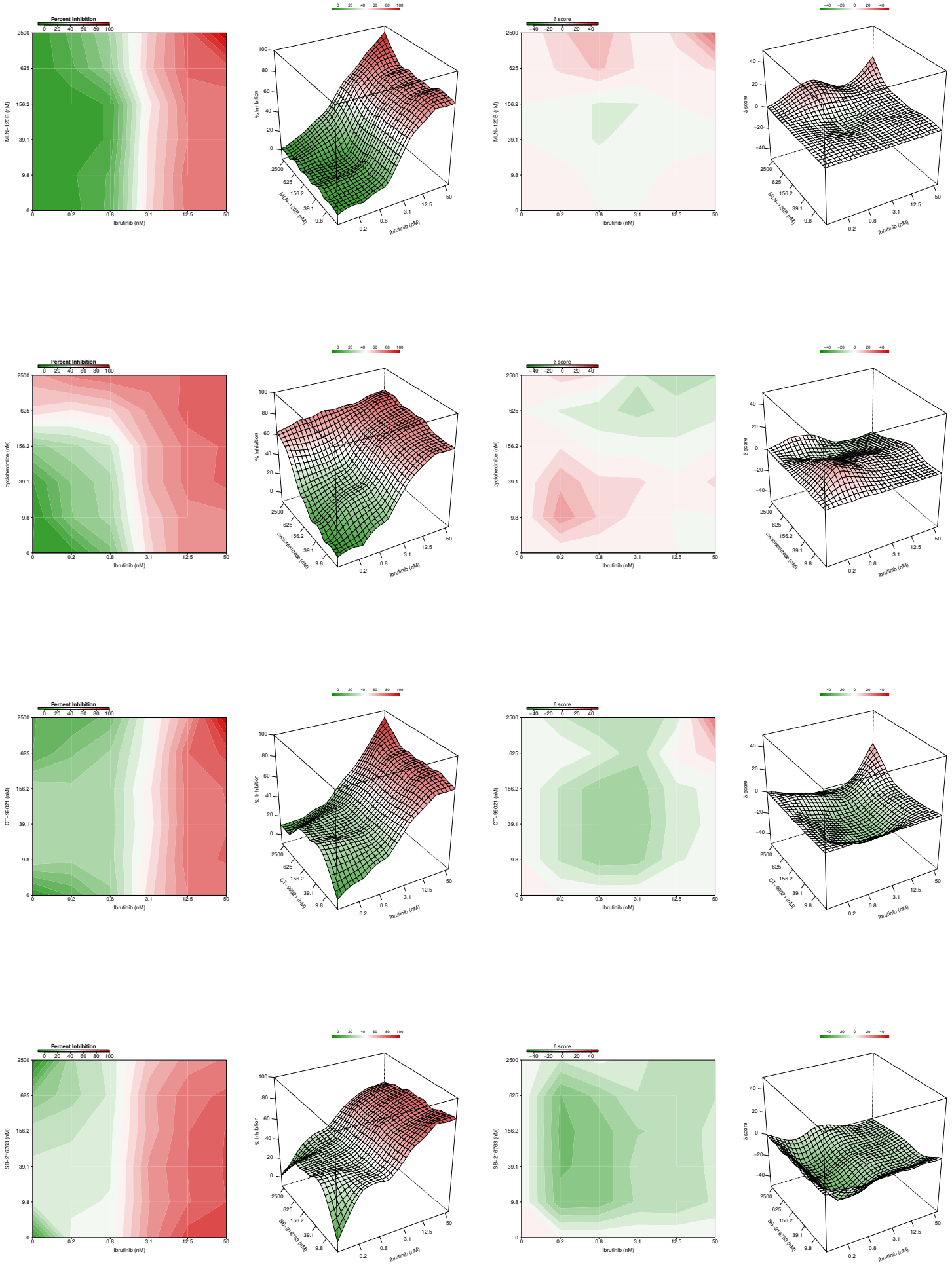

Percent Inhibition
0 20 40 60 80 100
NSC 23766 (nM)
NCGC00188866-01 (nM)
VX-702 (nM)
SB-203580 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

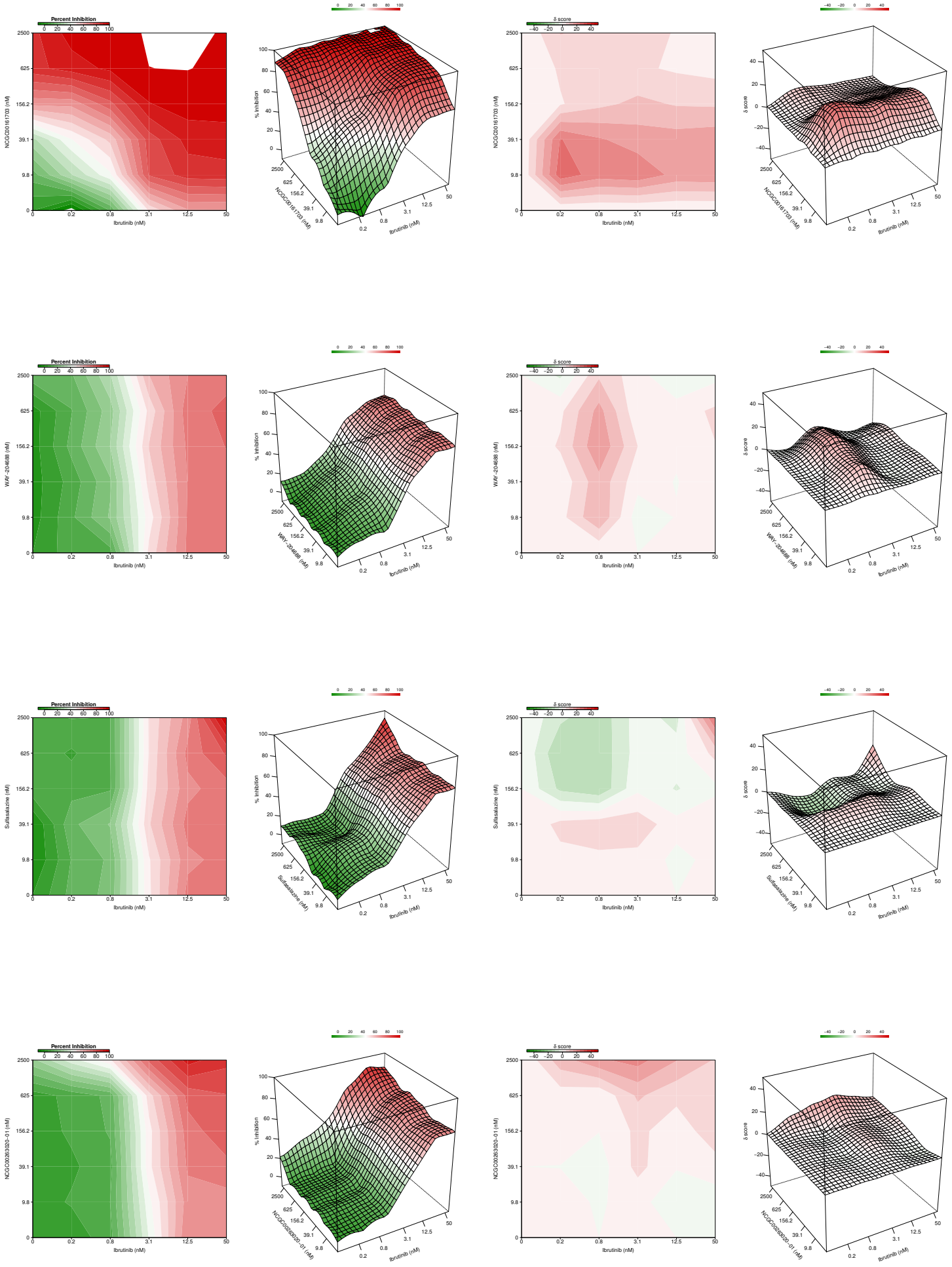

Percent Inhibition
0 20 40 60 80 100
VX-745 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Doramapimod (nM)
PH-797804 (nM)
RWJ-67657 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

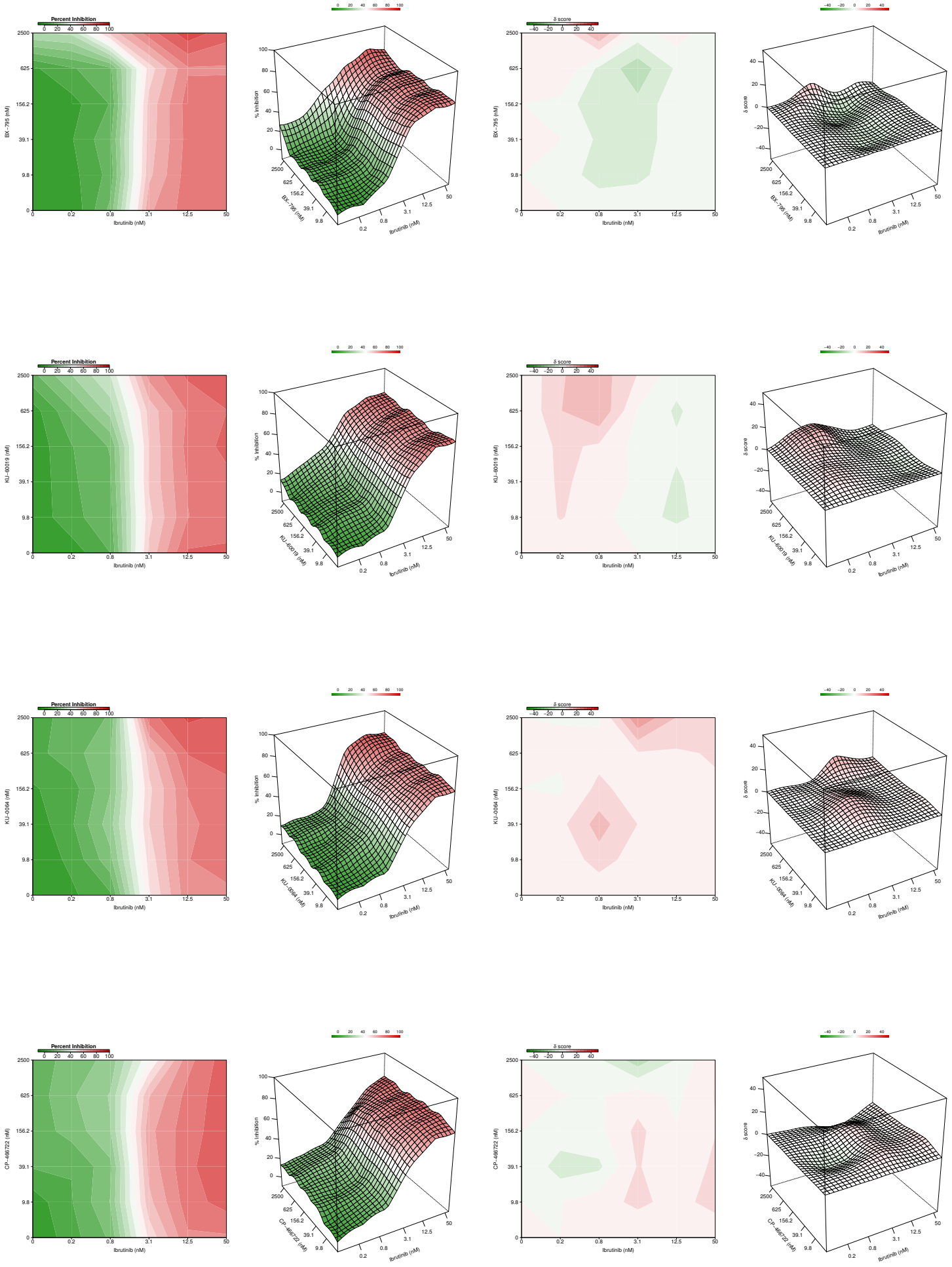

Percent Inhibition
0 20 40 60 80 100
Tamsamirod (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
FMK (nM)
BI-D1870 (nM)
NCGC00253463-01 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

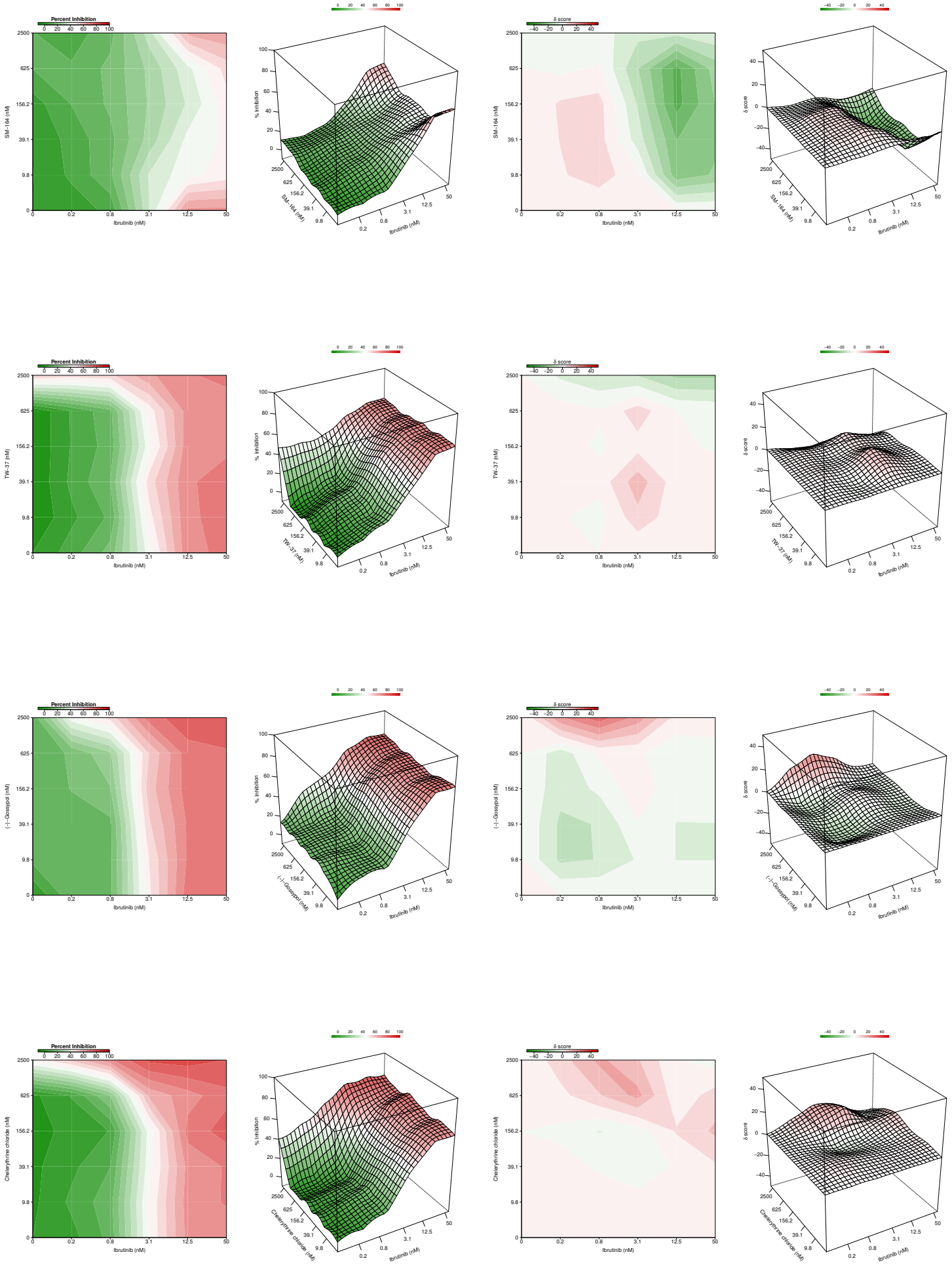

Percent Inhibition
0 20 40 60 80 100
PHA-408 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Withaferin A (nM)
BX-795 (nM)
Bardoxolone methyl (nM)

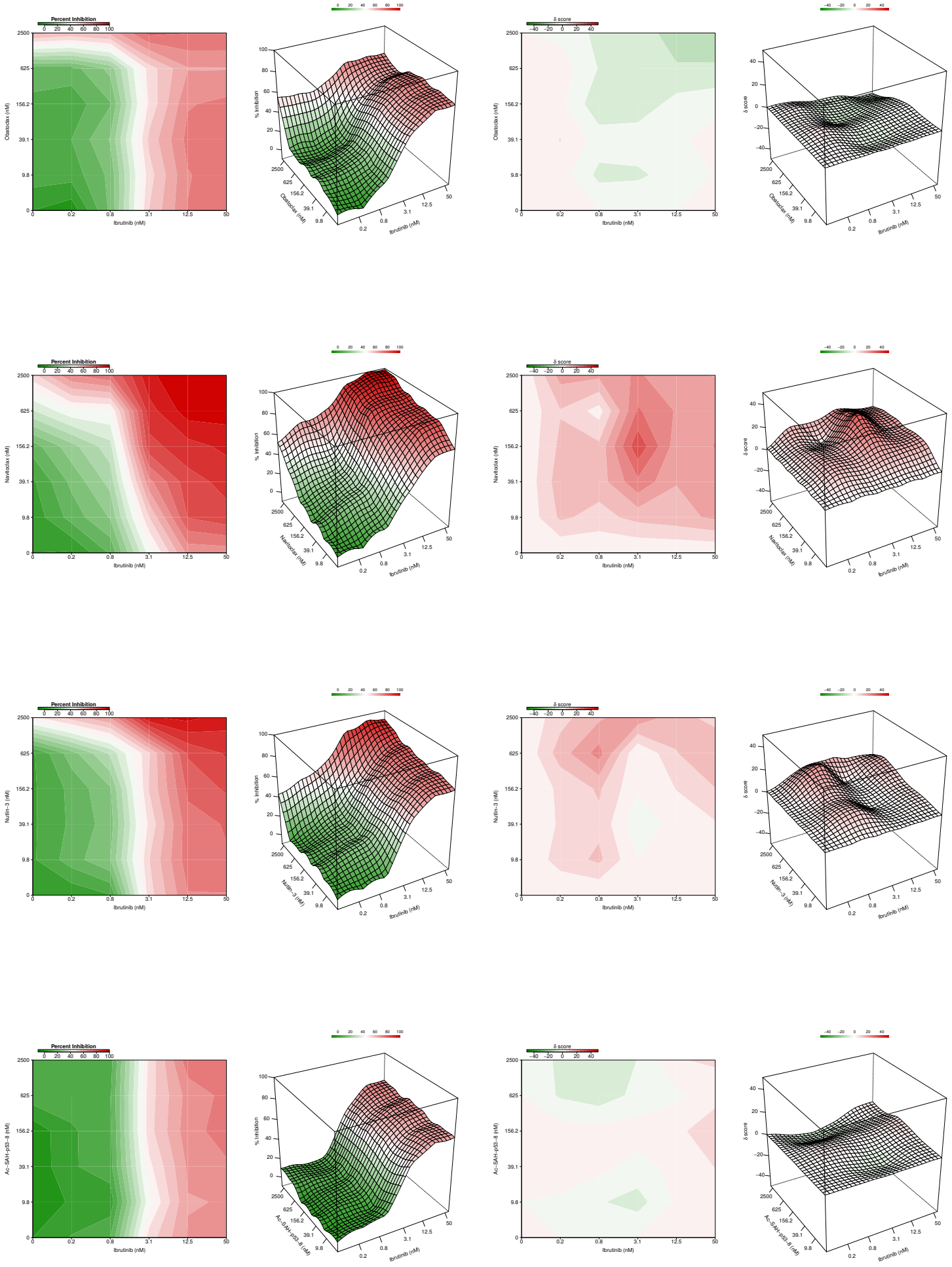

Percent Inhibition
0 20 40 60 80 100
IKK16 (nM)
PF-184 (nM)
IMD-0354 (nM)
PS-1145 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

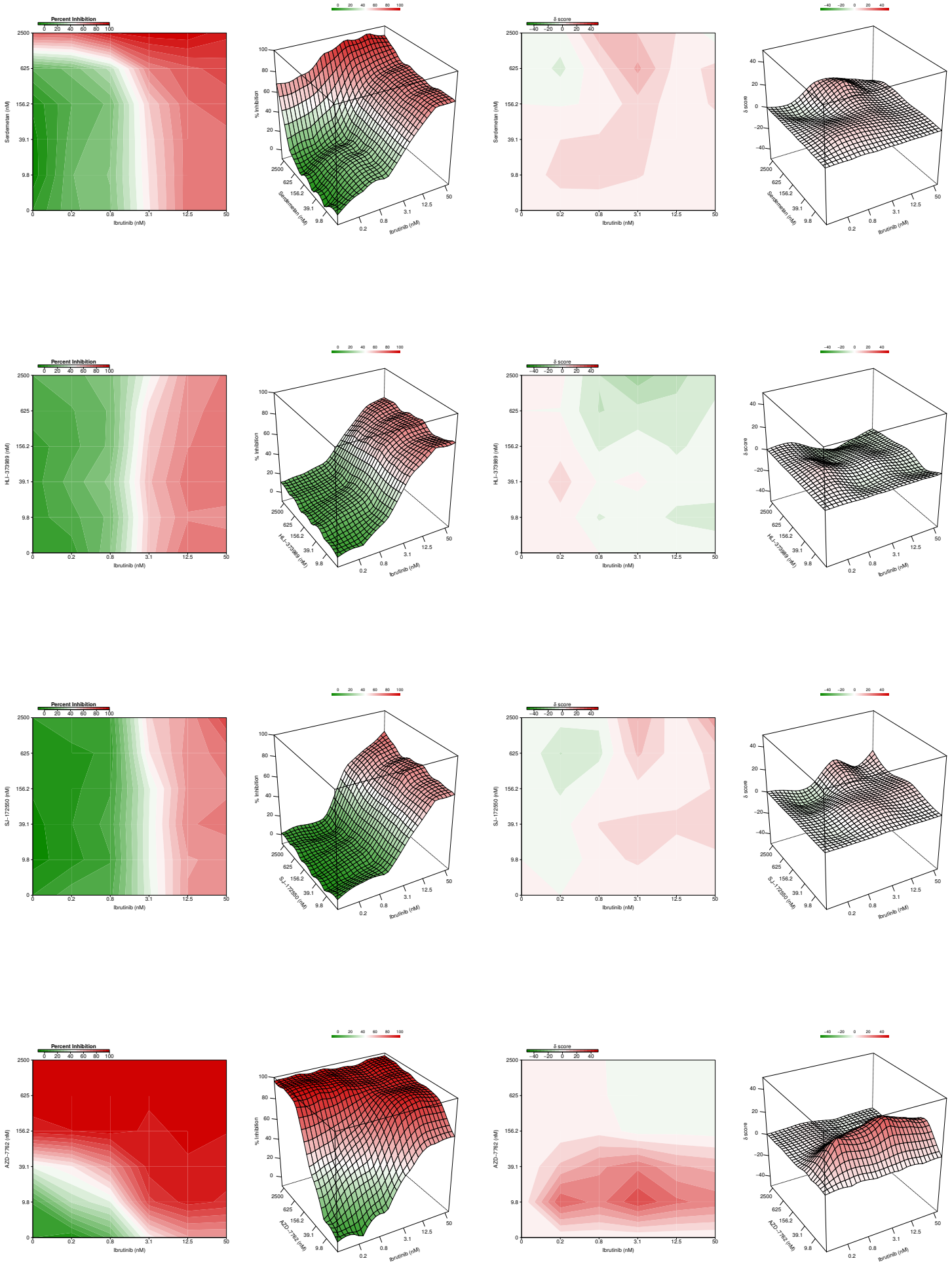

Percent Inhibition
0 20 40 60 80 100
MLN−120B (nM)
2500 625 156.2 39.1 9.8 0
Ibrutinib (nM)
0 0.2 0.8 3.1 12.5 50
% Inhibition
δ score
−40 −20 0 20 40
cycloheximide (nM)
CT−99021 (nM)
SB−216763 (nM)

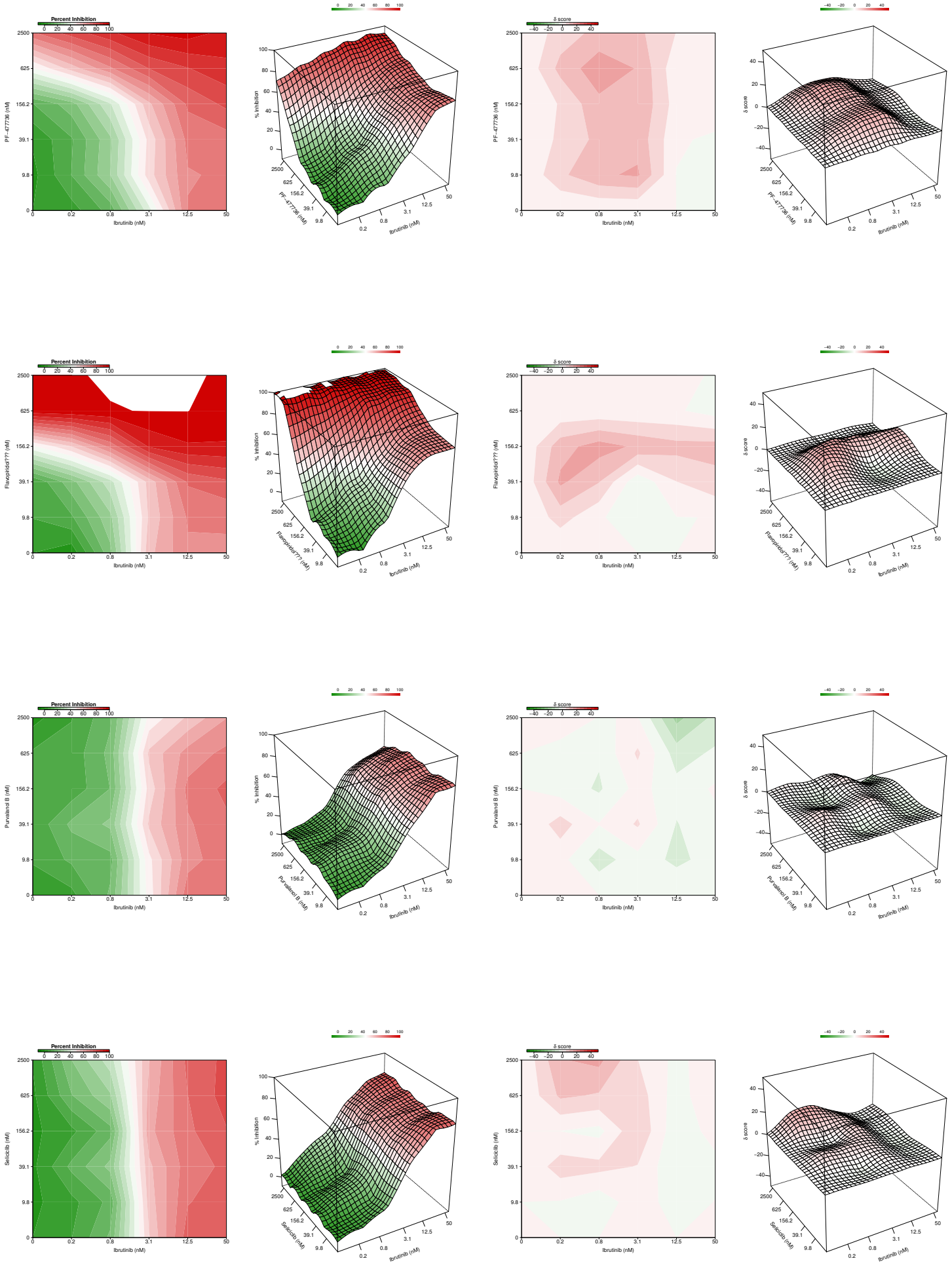

Percent Inhibition
0 20 40 60 80 100
NCGC00161703 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score
WAY-204688 (nM)
Sulfasalazine (nM)
NCGC00263020-01 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

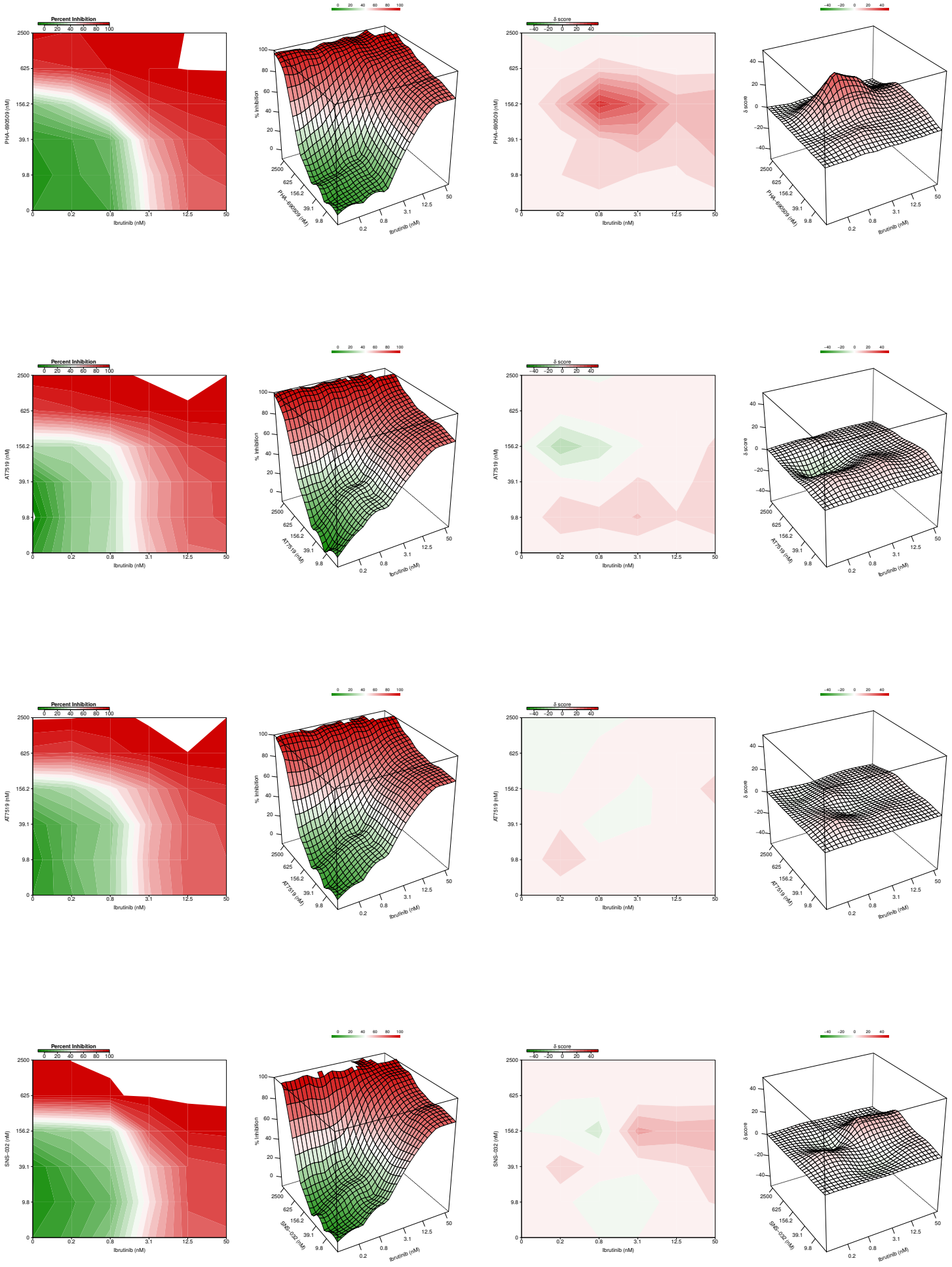

Percent Inhibition
0 20 40 60 80 100
BX-795 (nM)
KU-60019 (nM)
KU-0064 (nM)
CP-466722 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40

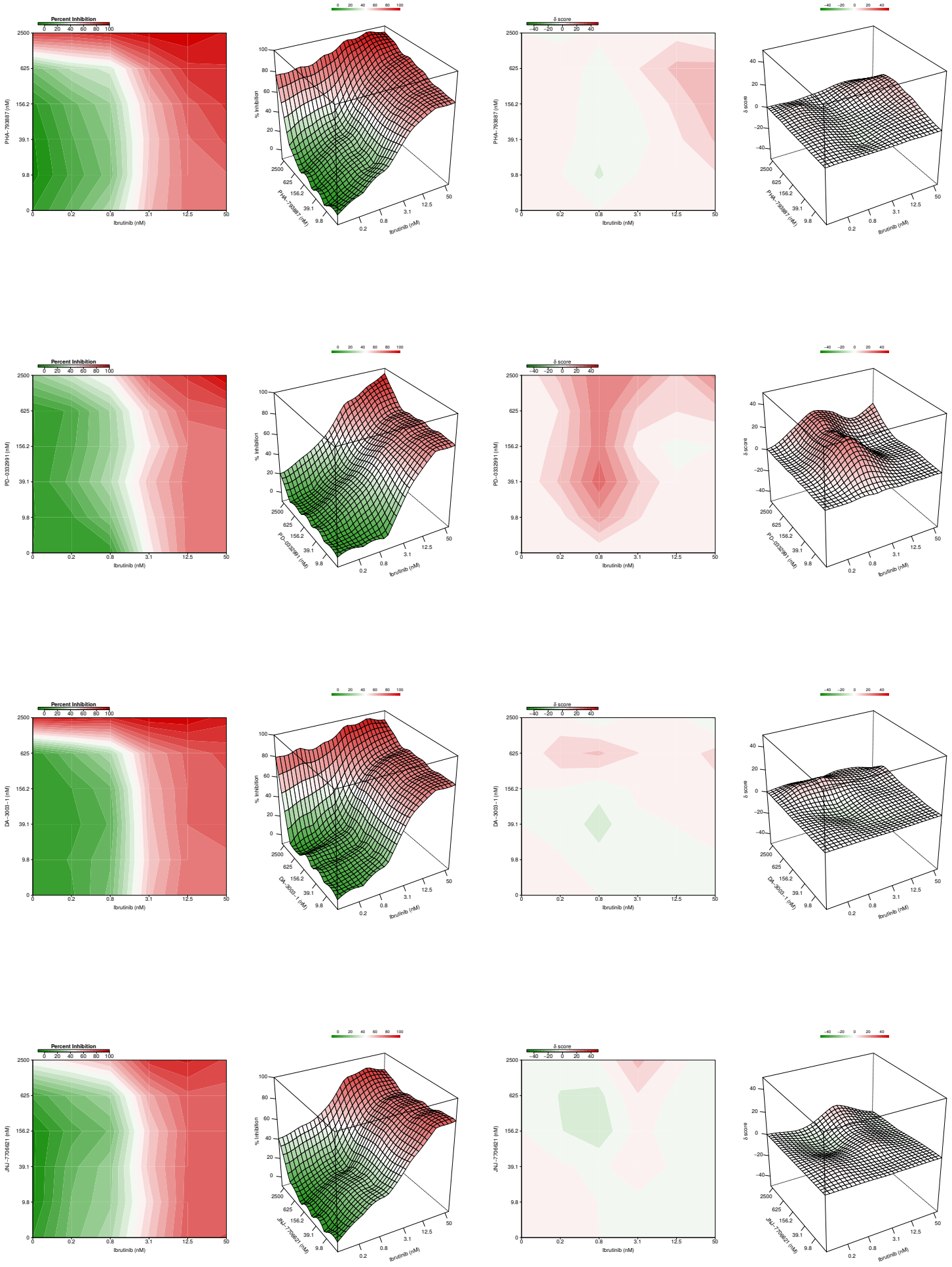

Percent Inhibition
0 20 40 60 80 100
SM-164 (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
TW-37 (nM)
(−)-Gossypol (nM)
Chelerythrine chloride (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

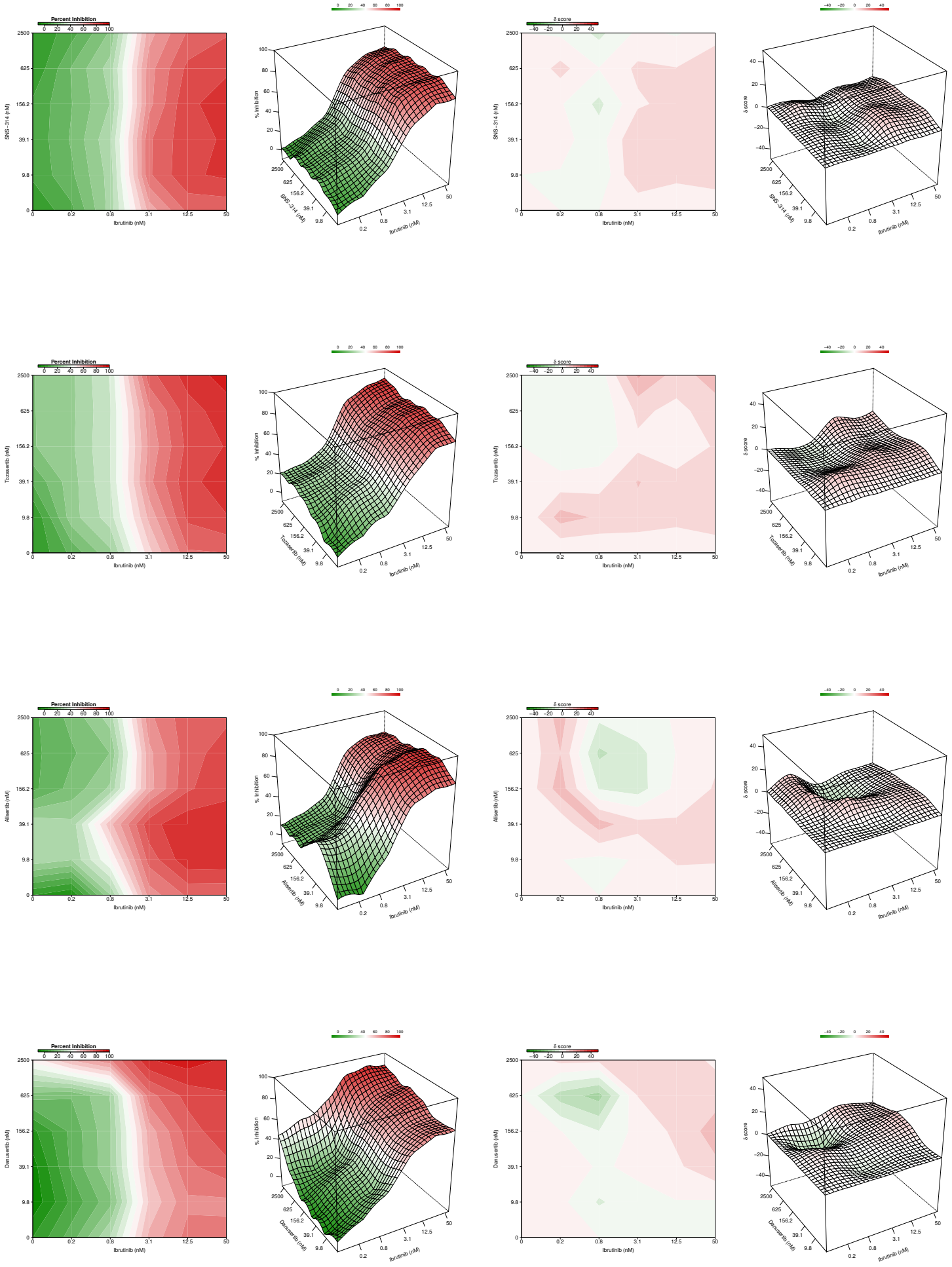

Percent Inhibition
0 20 40 60 80 100
Obatoclax (nM)
2500
625
156.2
39.1
9.8
0
0 0.2 0.8 3.1 12.5 50
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Navitoclax (nM)
Nutlin-3 (nM)
Ac-SAH-p53-8 (nM)

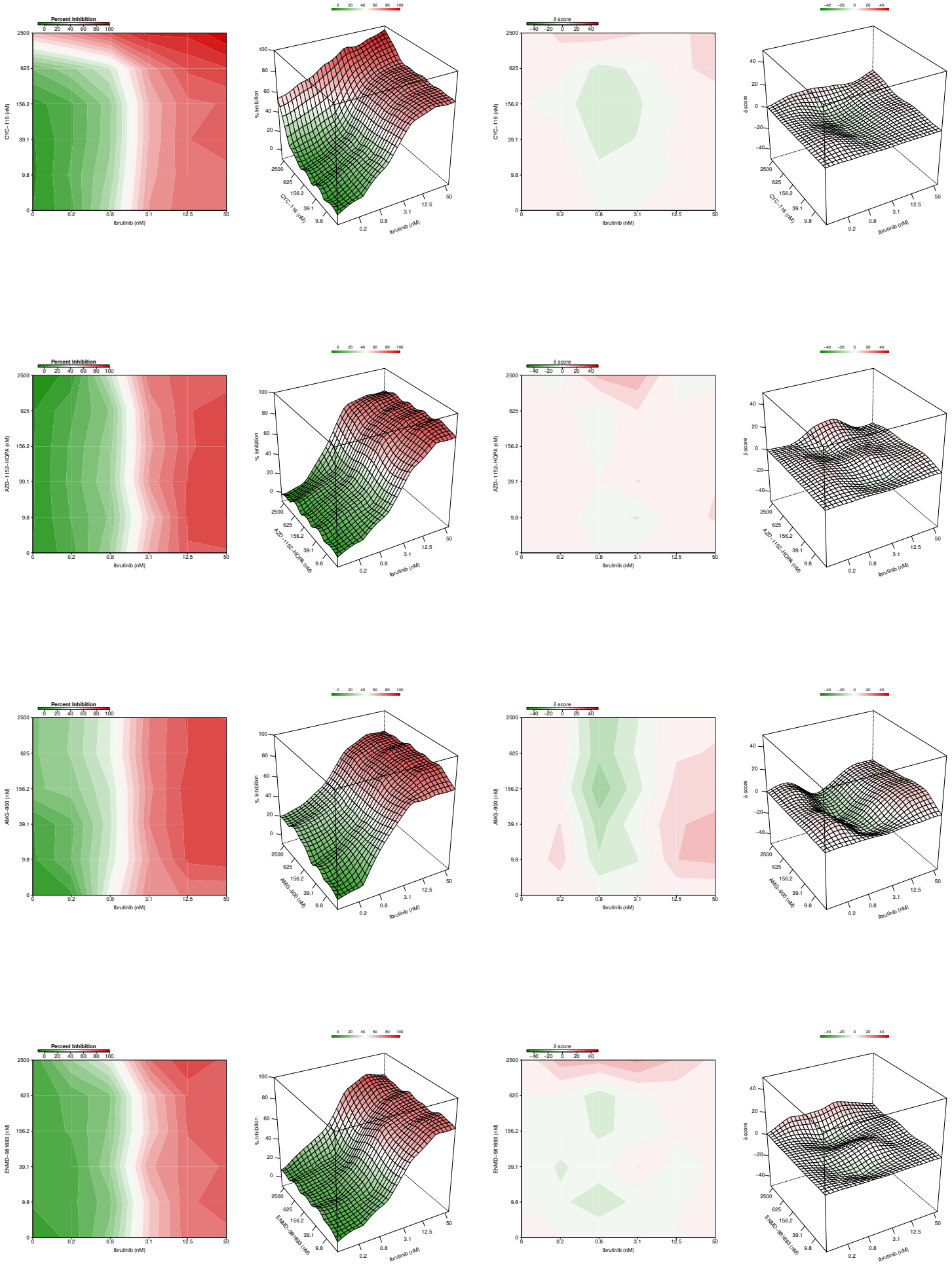

Percent Inhibition
0 20 40 60 80 100
Sirolimestan (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
HLI-373989 (nM)
SJ-172550 (nM)
AZD-7762 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

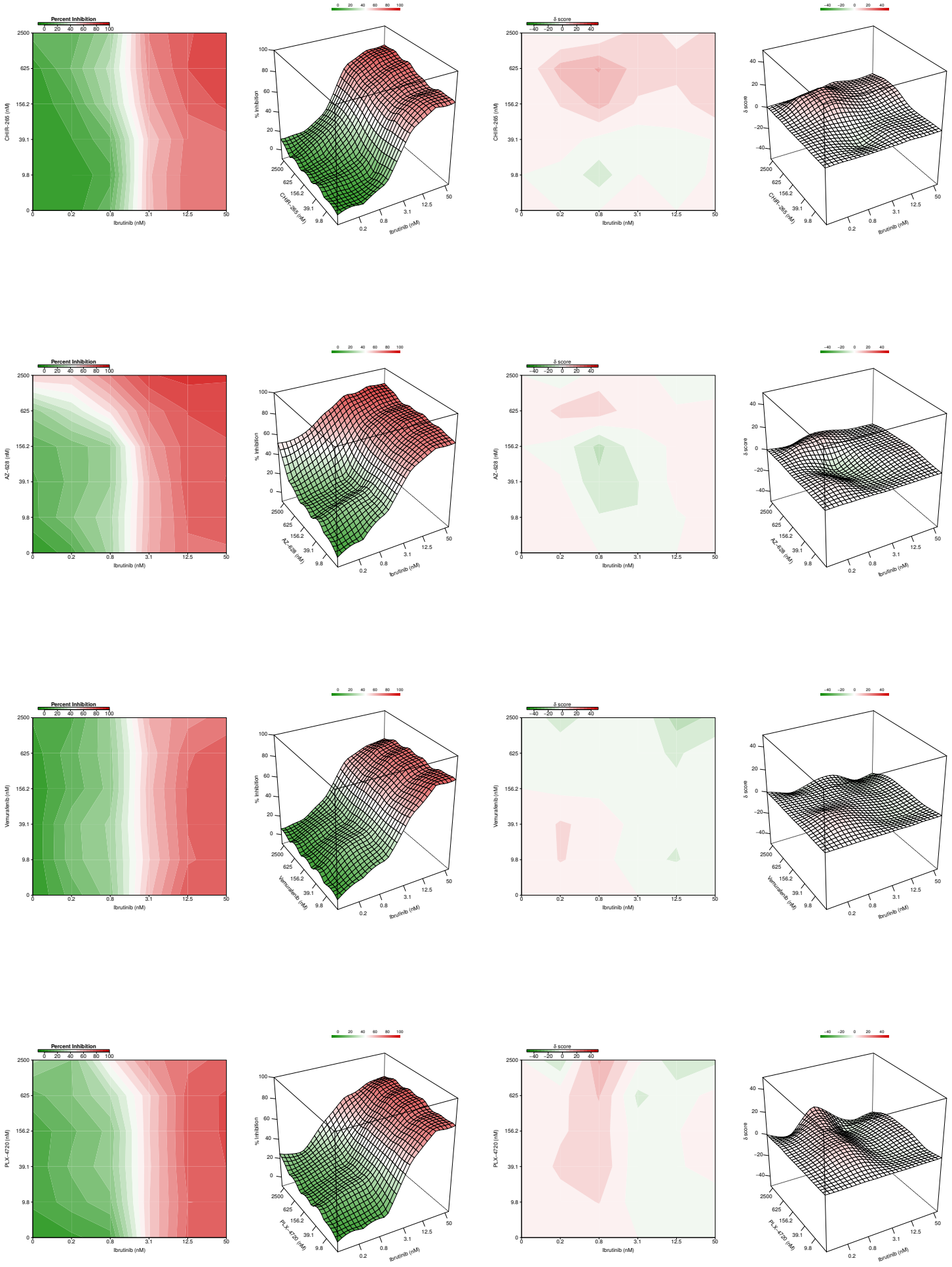

Percent Inhibition
0 20 40 60 80 100
PF−47736 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Flavopiridol??? (nM)
Purvalanol B (nM)
Selicicib (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

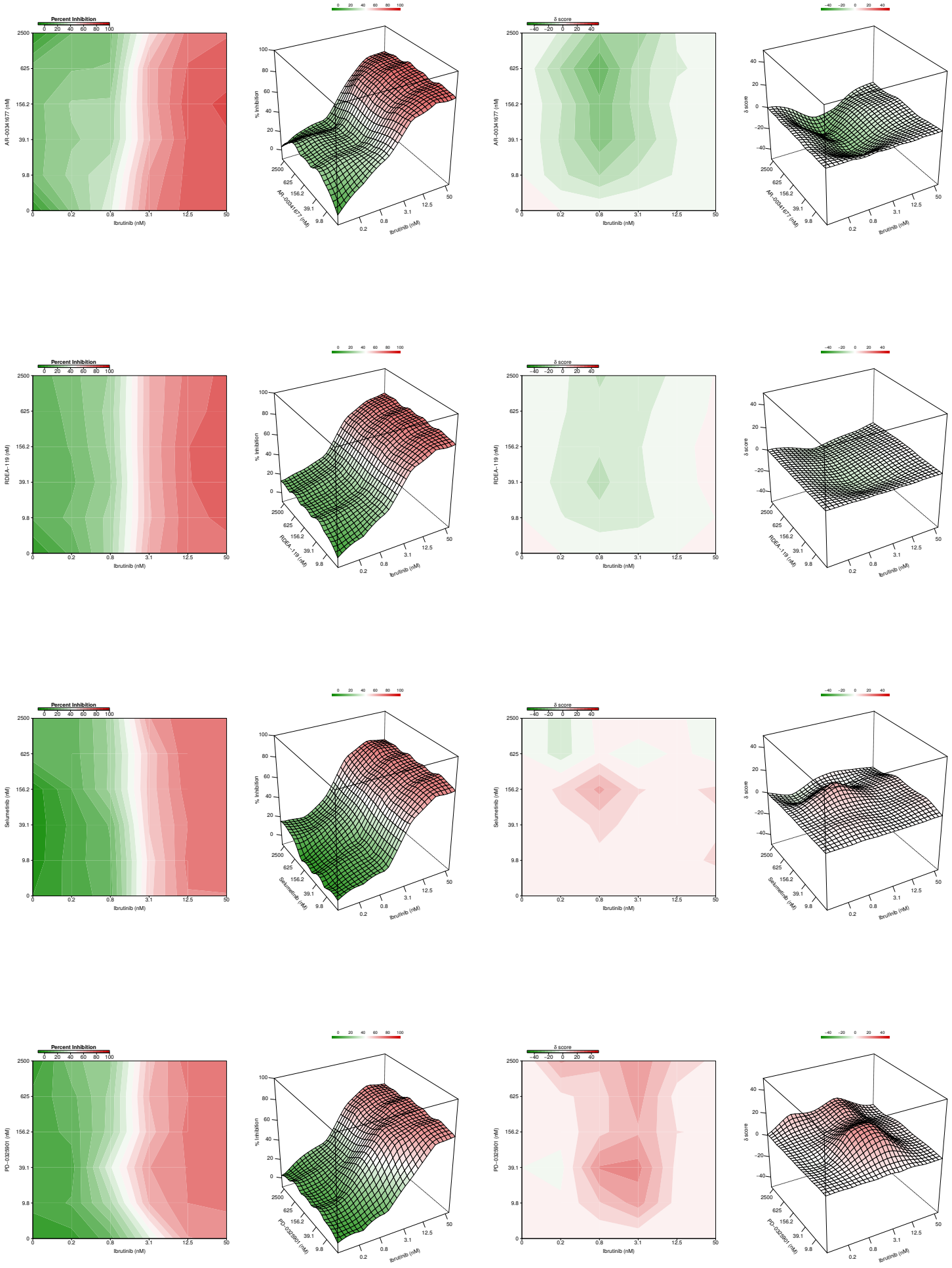

Percent Inhibition
0 20 40 60 80 100
PHA-690509 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AT7519 (nM)
SNS-032 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

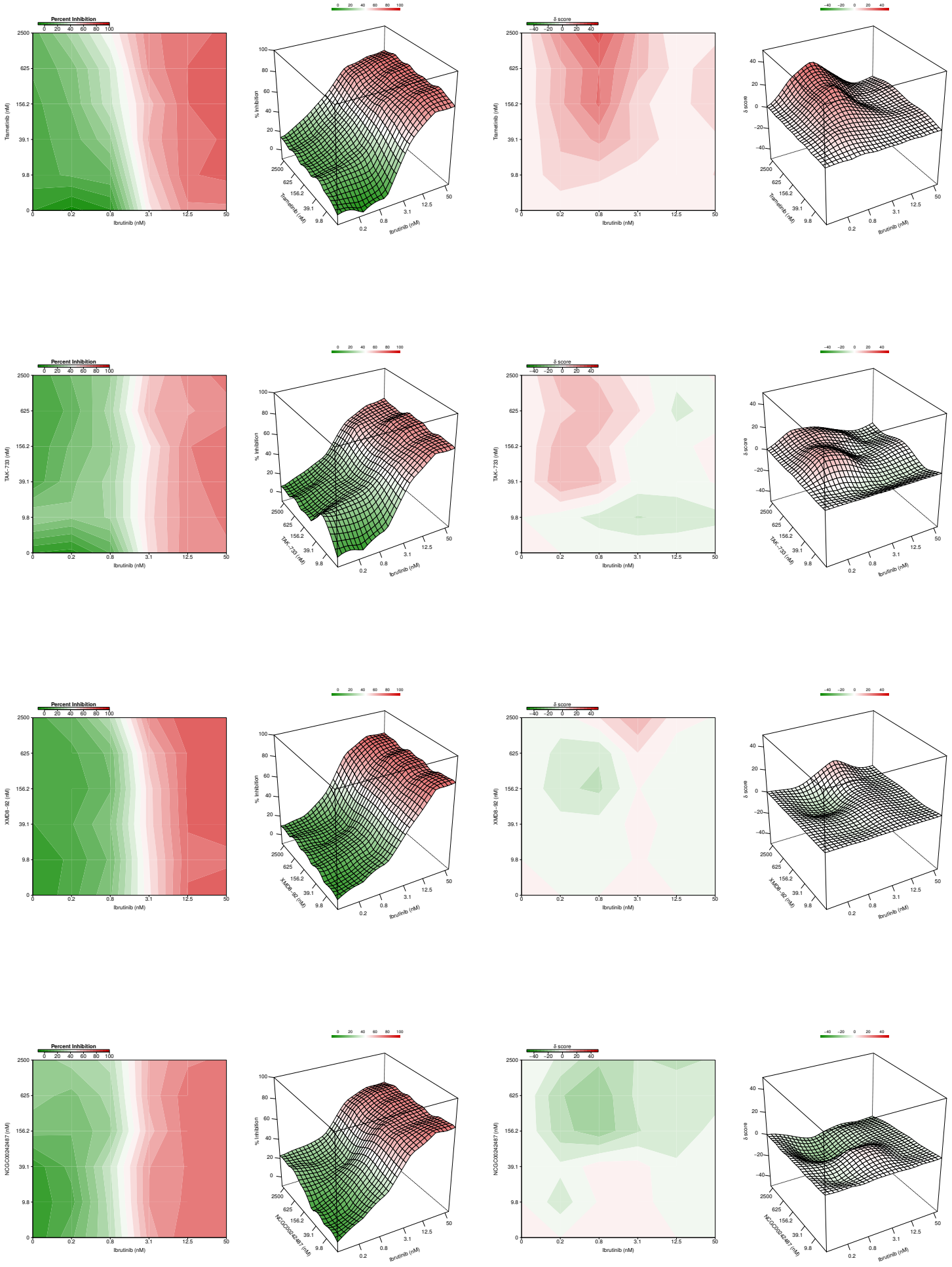

Percent Inhibition
0 20 40 60 80 100
δ score
−40 −20 0 20 40
% inhibition
δ score
PHA-793887 (nM)
PD-0332991 (nM)
DA-3003-1 (nM)
JNJ-7706621 (nM)
Ibrutinib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

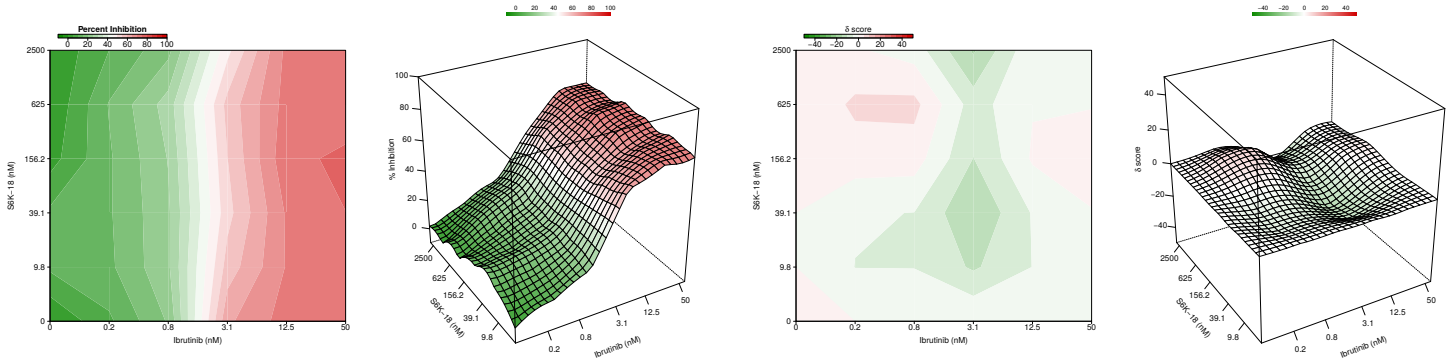

Percent Inhibition
0 20 40 60 80 100
SNS-314 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Tozasertib (nM)
Alisertib (nM)
Danusertib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

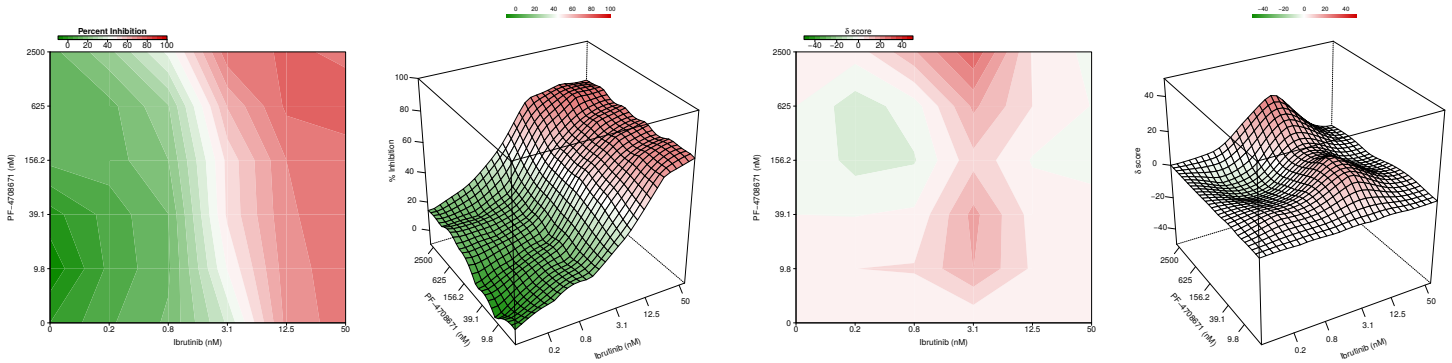

Percent Inhibition
0 20 40 60 80 100
CYC−116 (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
AZD−1152−HQPA (nM)
AMG−900 (nM)
ENMD−981693 (nM)
0 0.2 0.8 3.1 12.5 50
0 9.8 39.1 156.2 625 2500

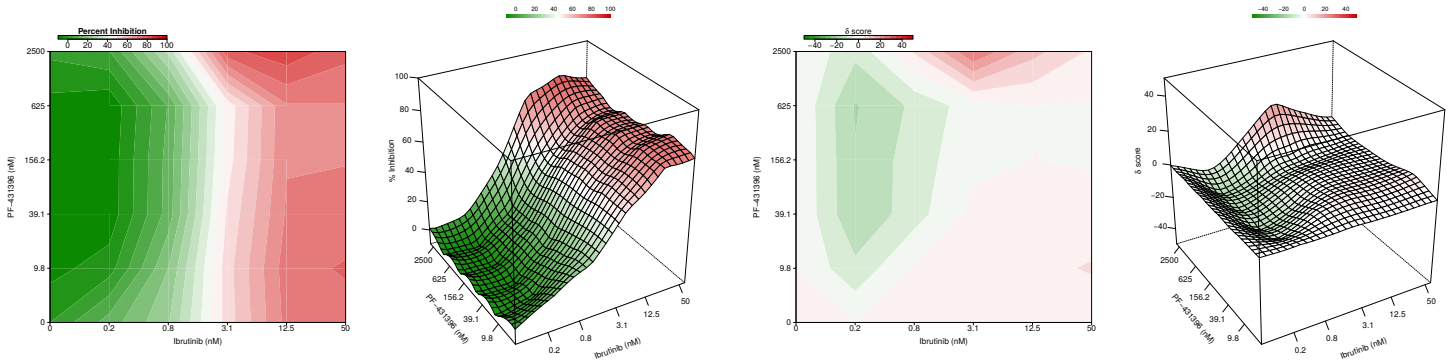

Percent Inhibition
0 20 40 60 80 100
CHIR-265 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AZ-628 (nM)
Vemurafenib (nM)
PLX-4720 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

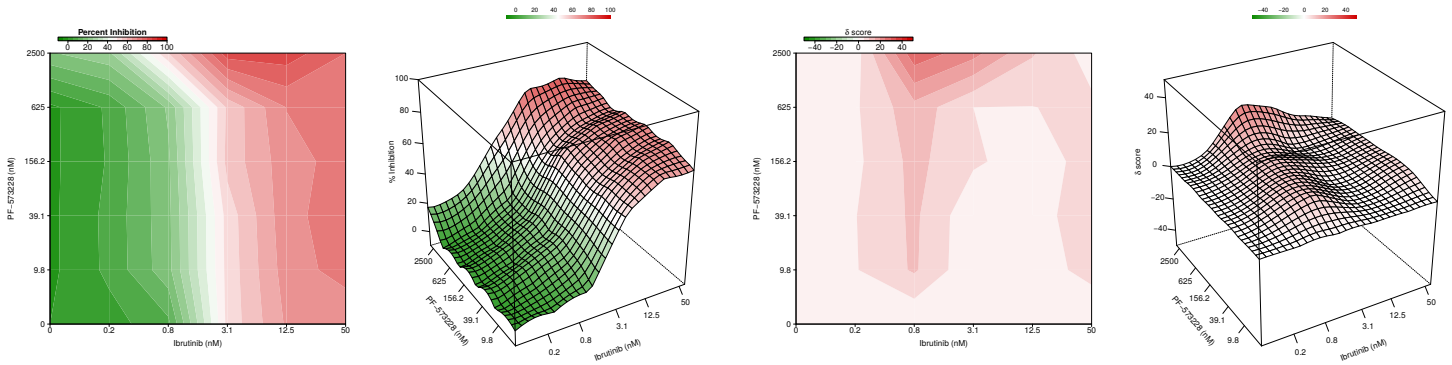

Percent Inhibition
0 20 40 60 80 100
AR-00341677 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
RDEA-119 (nM)
Selumetinib (nM)
PD-0325901 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

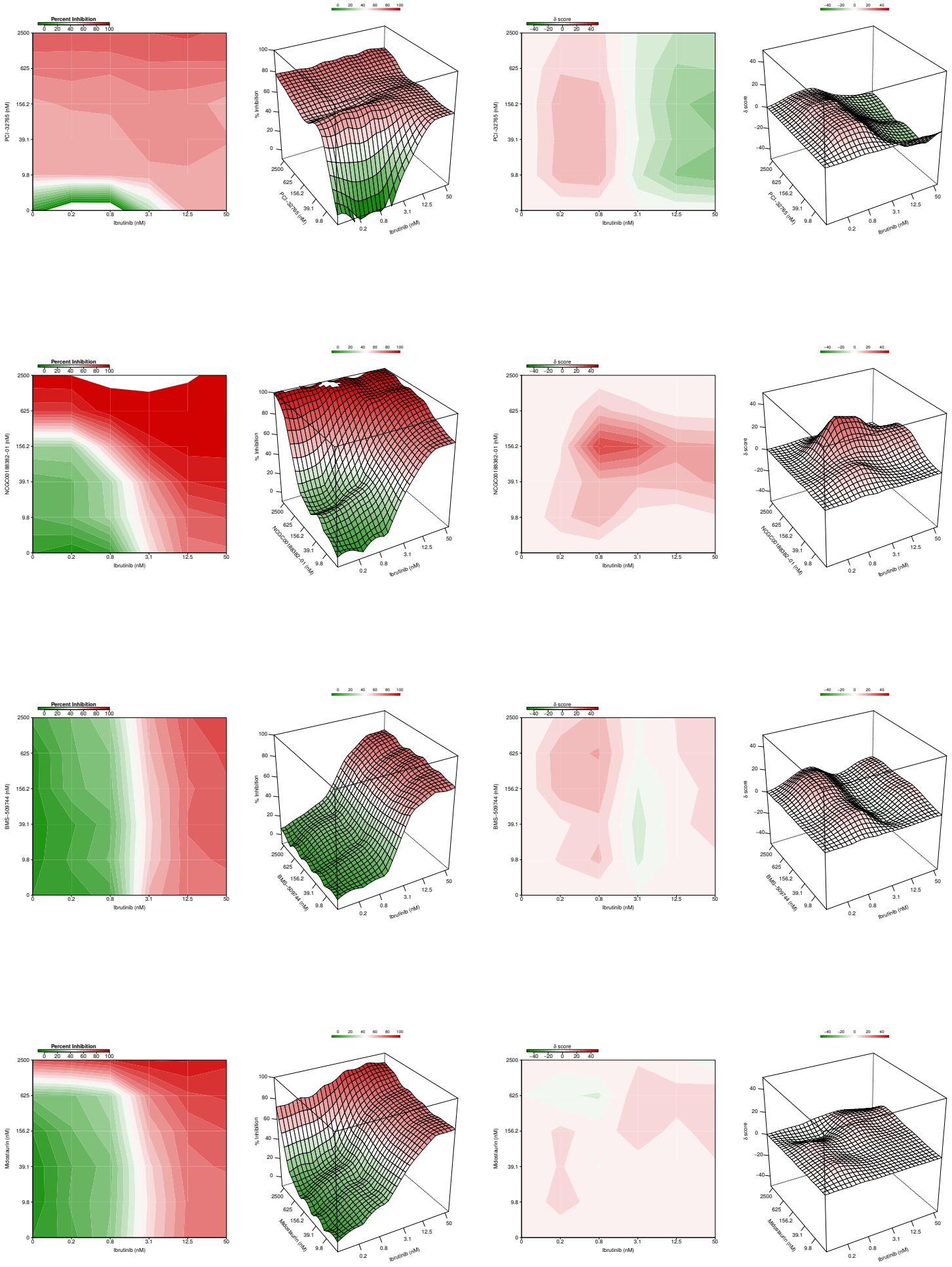

Percent Inhibition
0 20 40 60 80 100
Trametinib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
TAK−733 (nM)
XMD8−92 (nM)
NCGC00242487 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

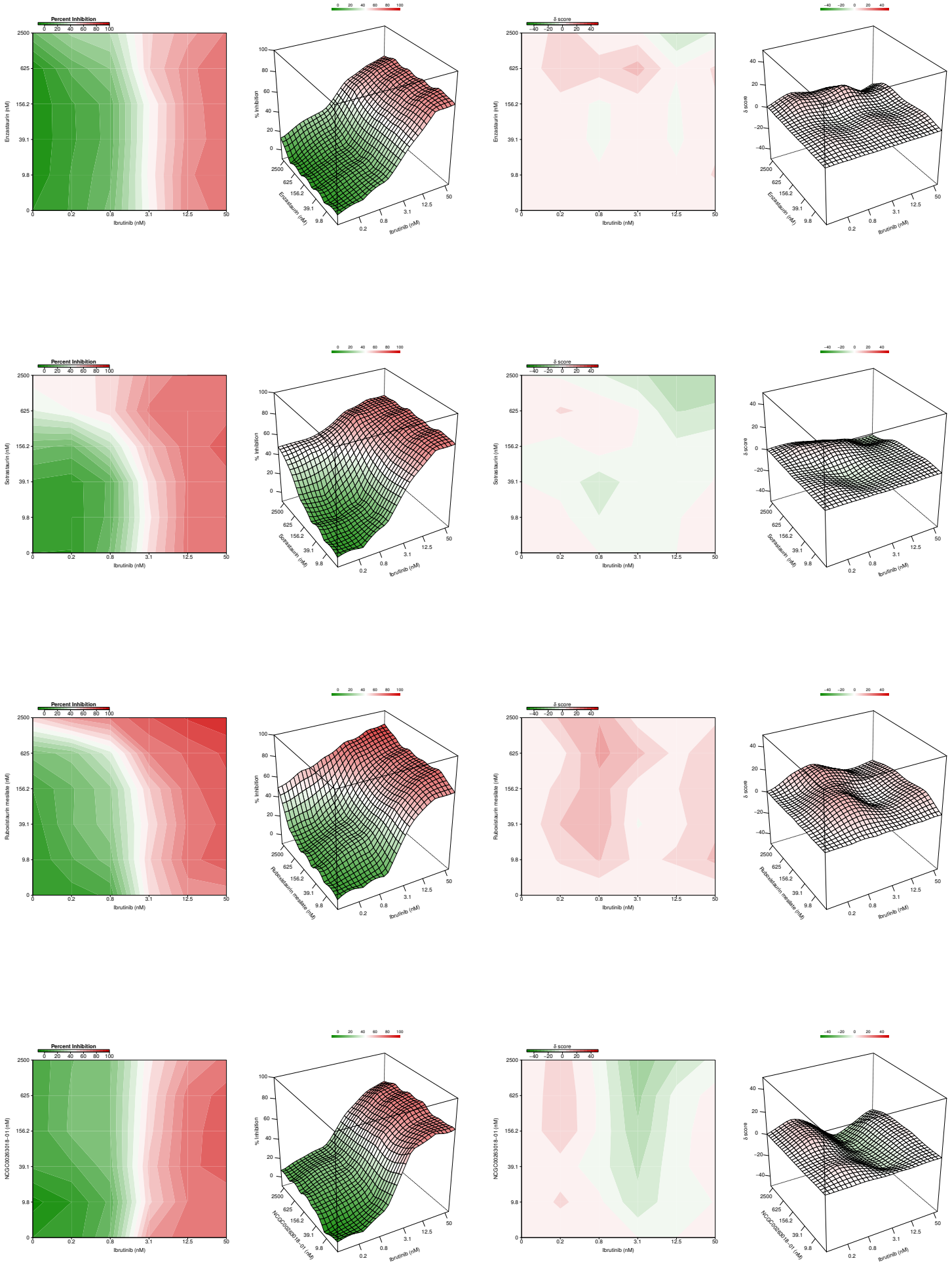

Percent Inhibition
0 20 40 60 80 100
SGK−18 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

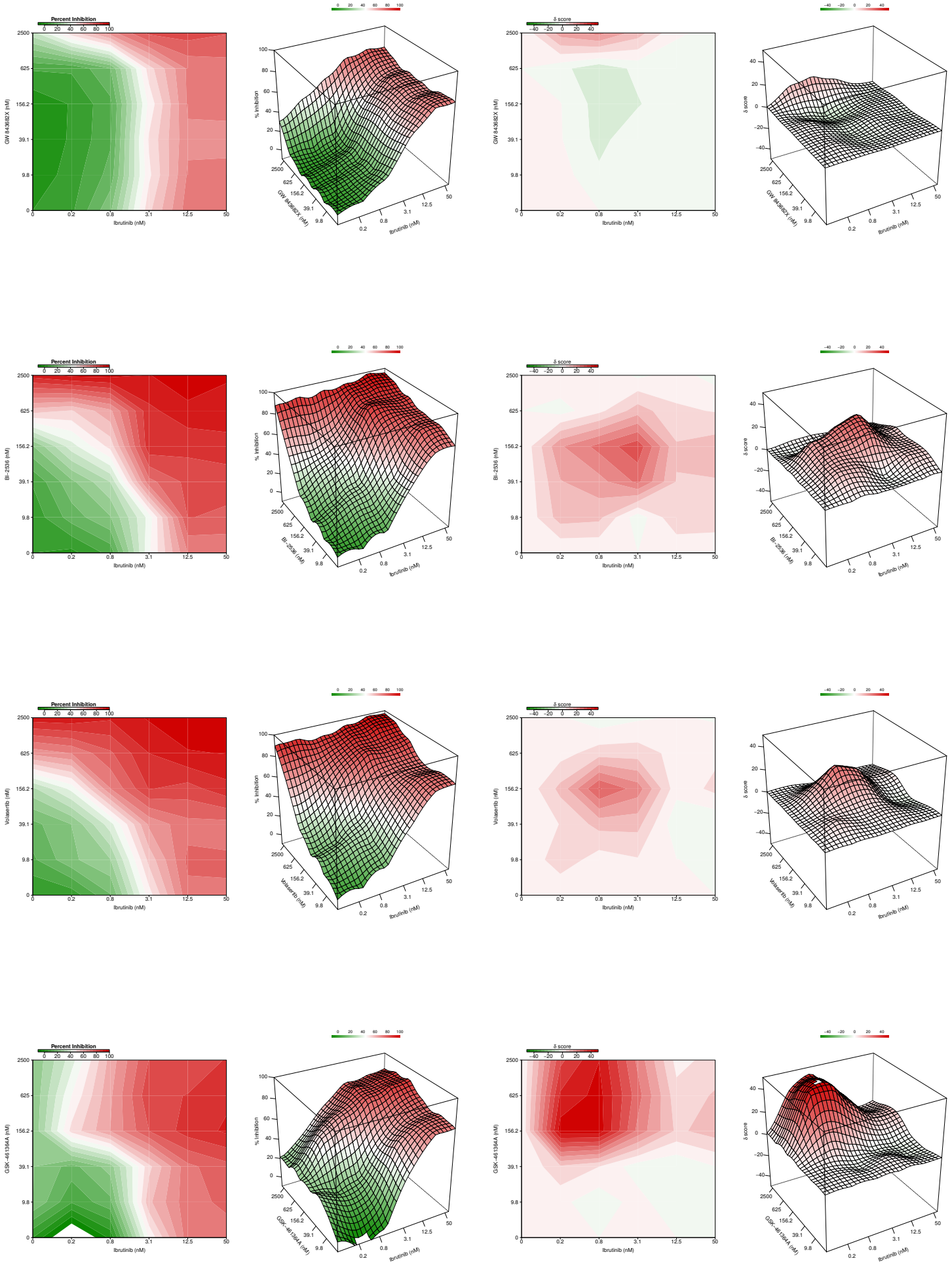

Percent Inhibition
0 20 40 60 80 100
PF−4708671 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

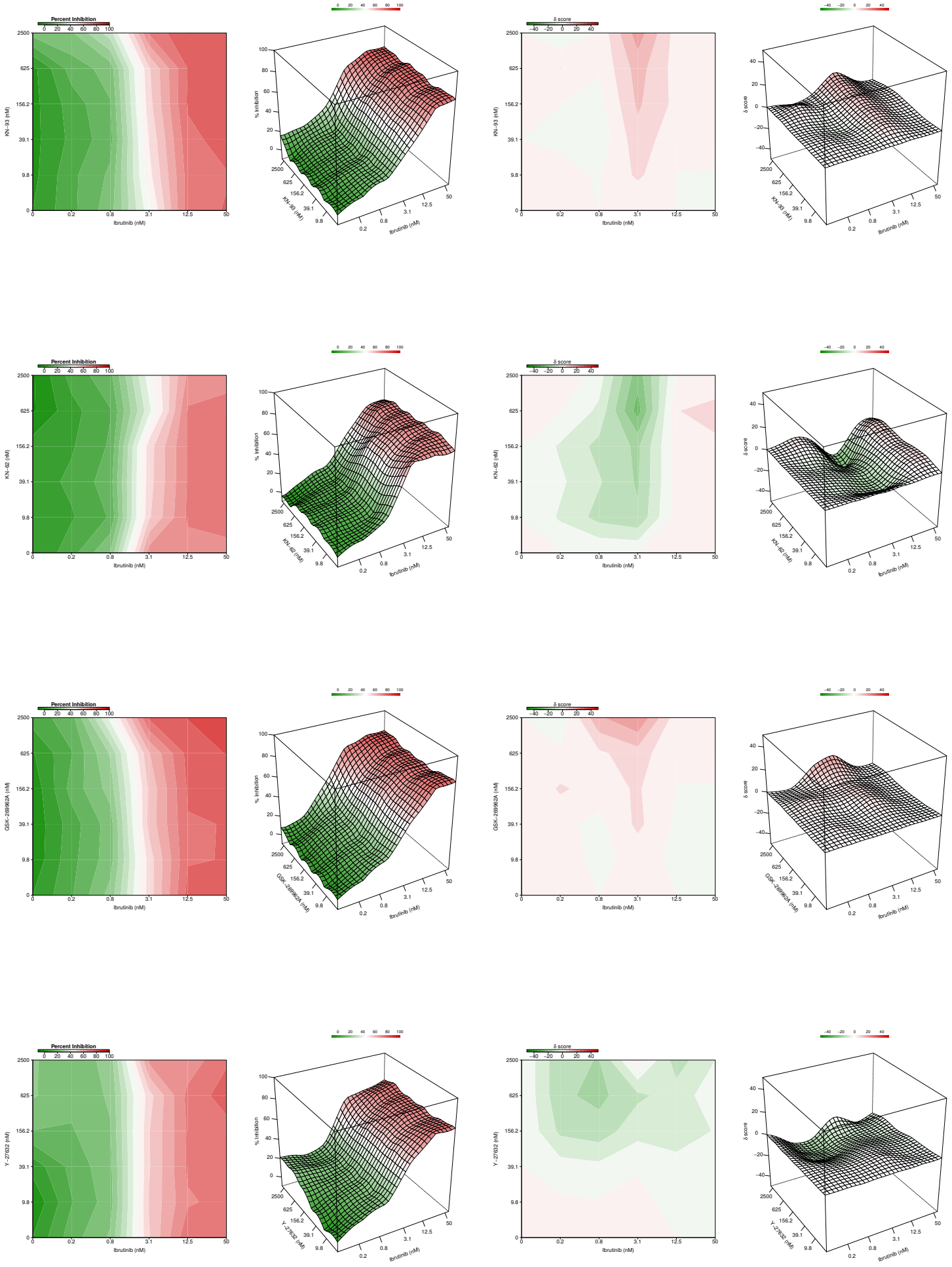

Percent Inhibition
0 20 40 60 80 100
PF−431396 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

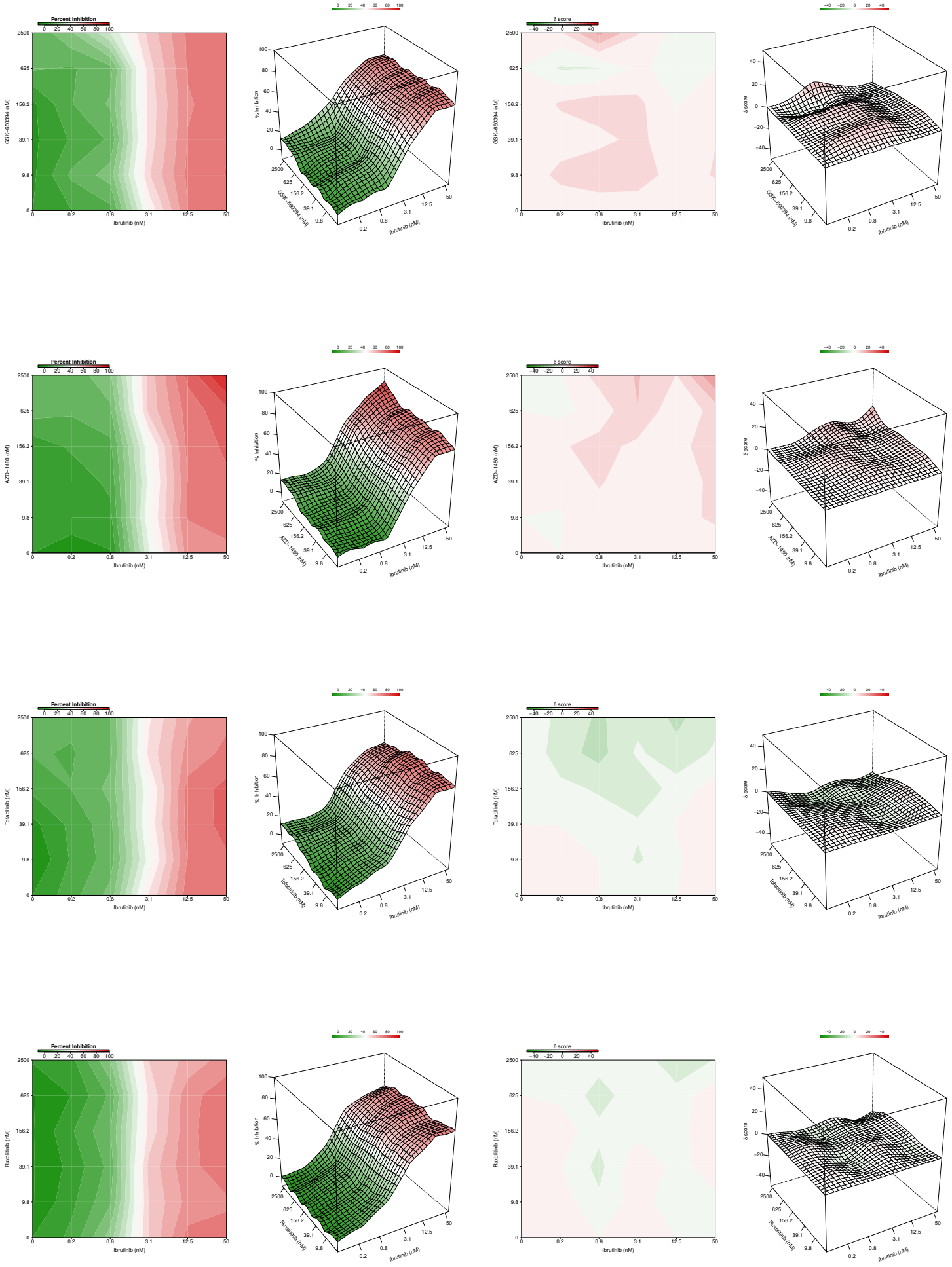

Percent Inhibition
0 20 40 60 80 100
PF−573228 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score

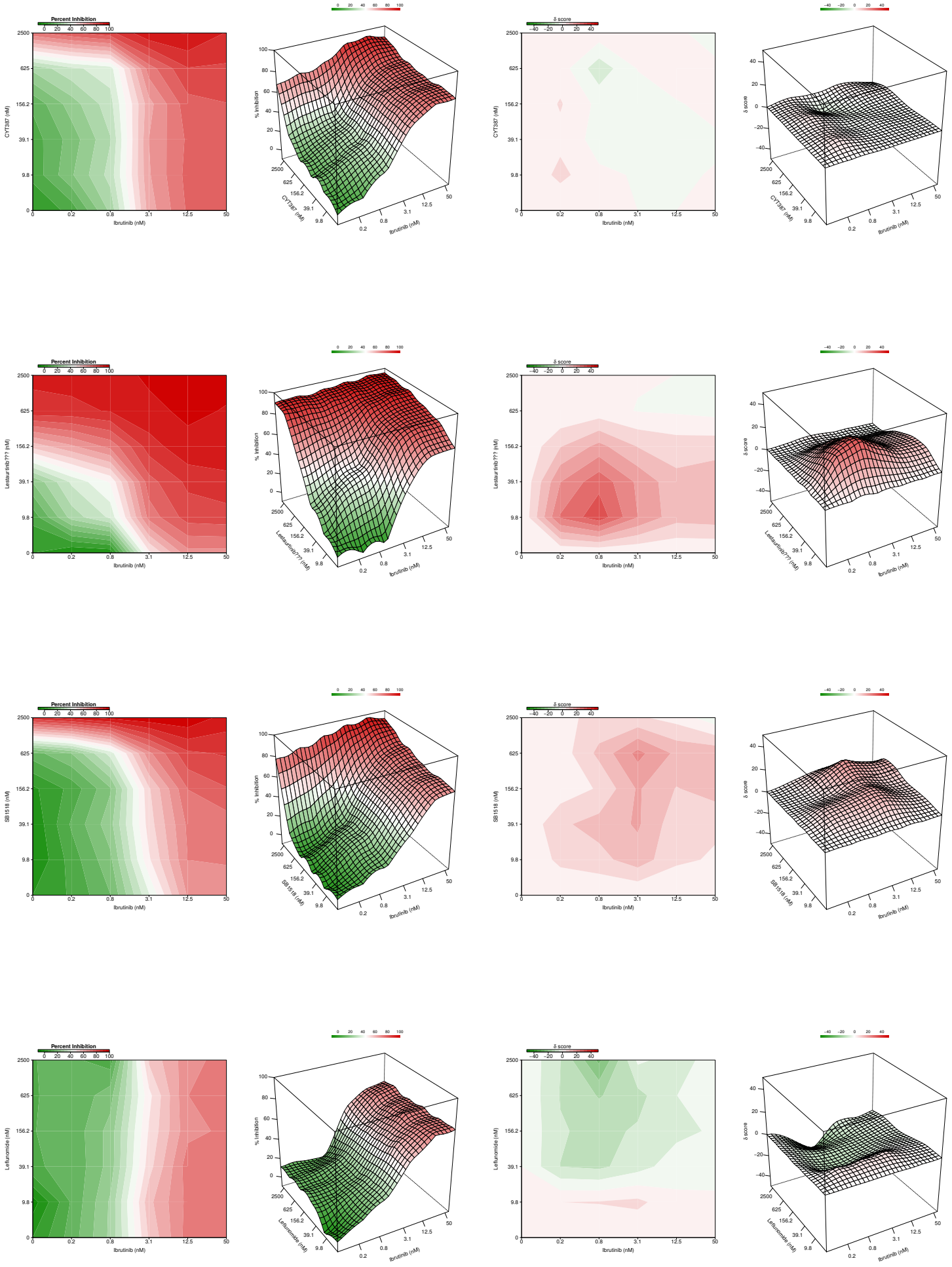

Percent Inhibition
0 20 40 60 80 100
PCI-32765 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
NCGC00188382-01 (nM)
BMS-509744 (nM)
Midostaurin (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

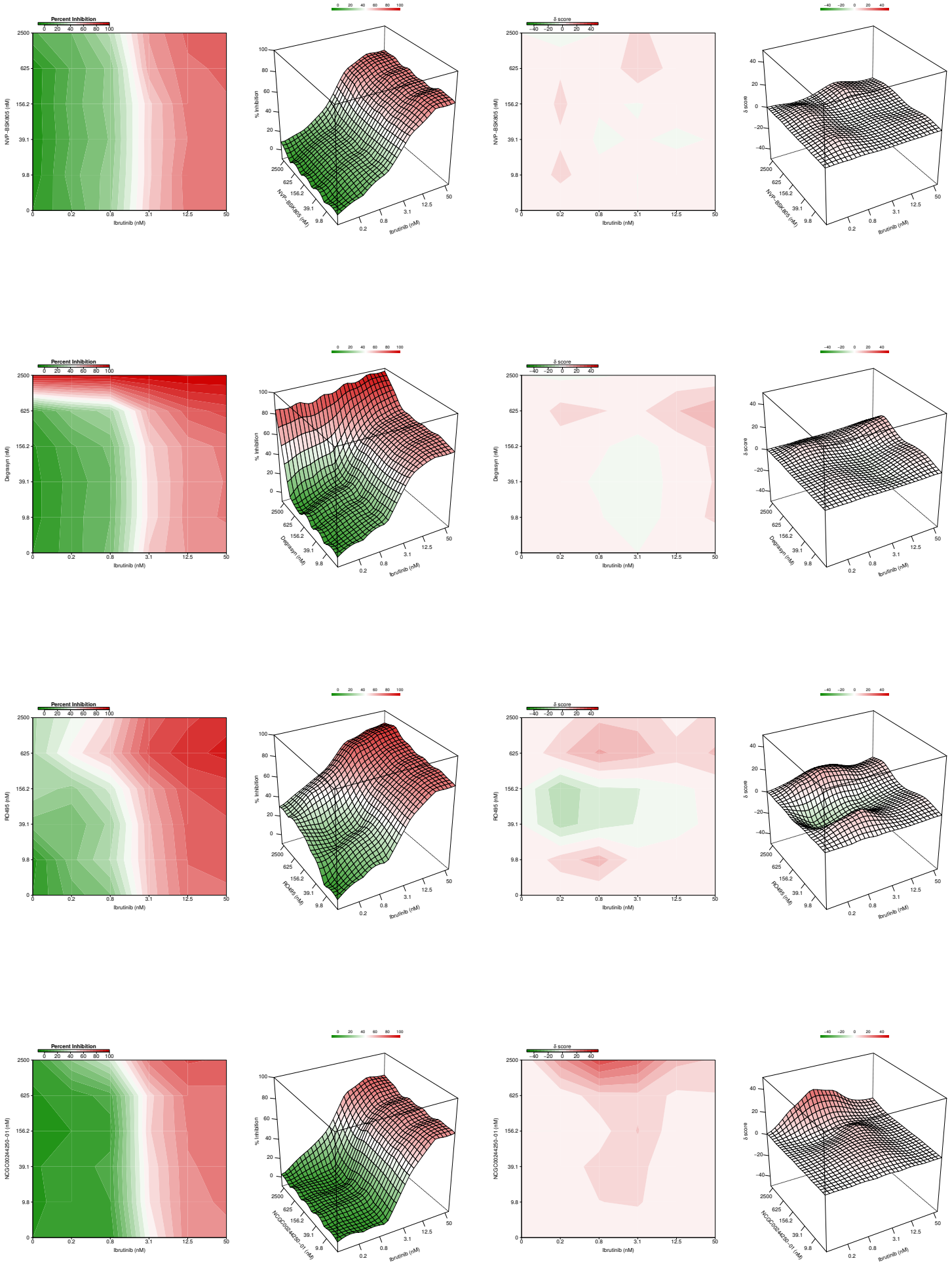

Percent Inhibition
0 20 40 60 80 100
Enzastaurin (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Sotrastaurin (nM)
Ruboxistaurin mesilate (nM)
NCGC00263018-01 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

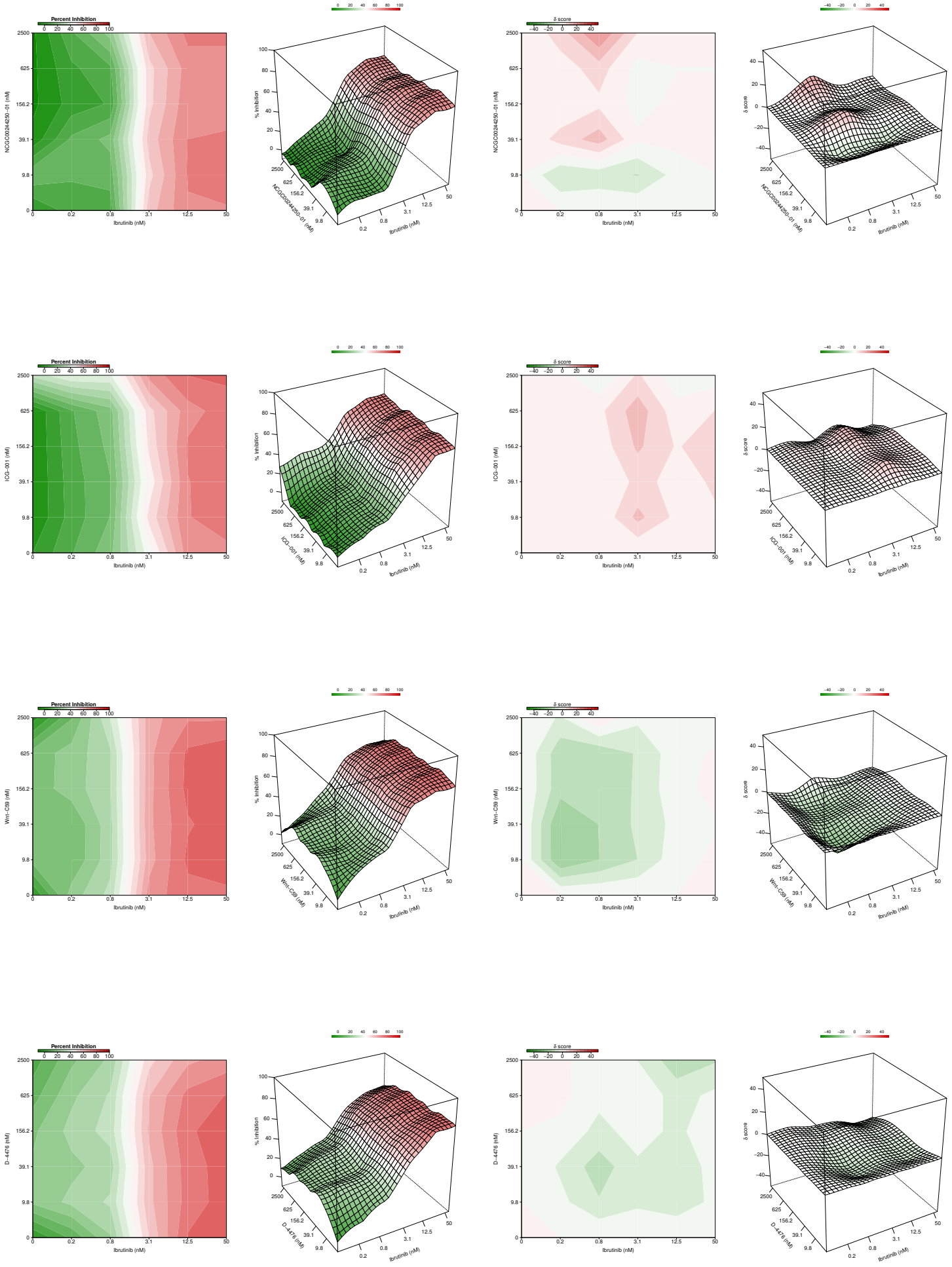

Percent Inhibition
0 20 40 60 80 100
GW 843682X (nM)
2500
625
156.2
39.1
9.8
0
0 0.2 0.8 3.1 12.5 50
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
BI−2536 (nM)
Volasertib (nM)
GSK−461364A (nM)

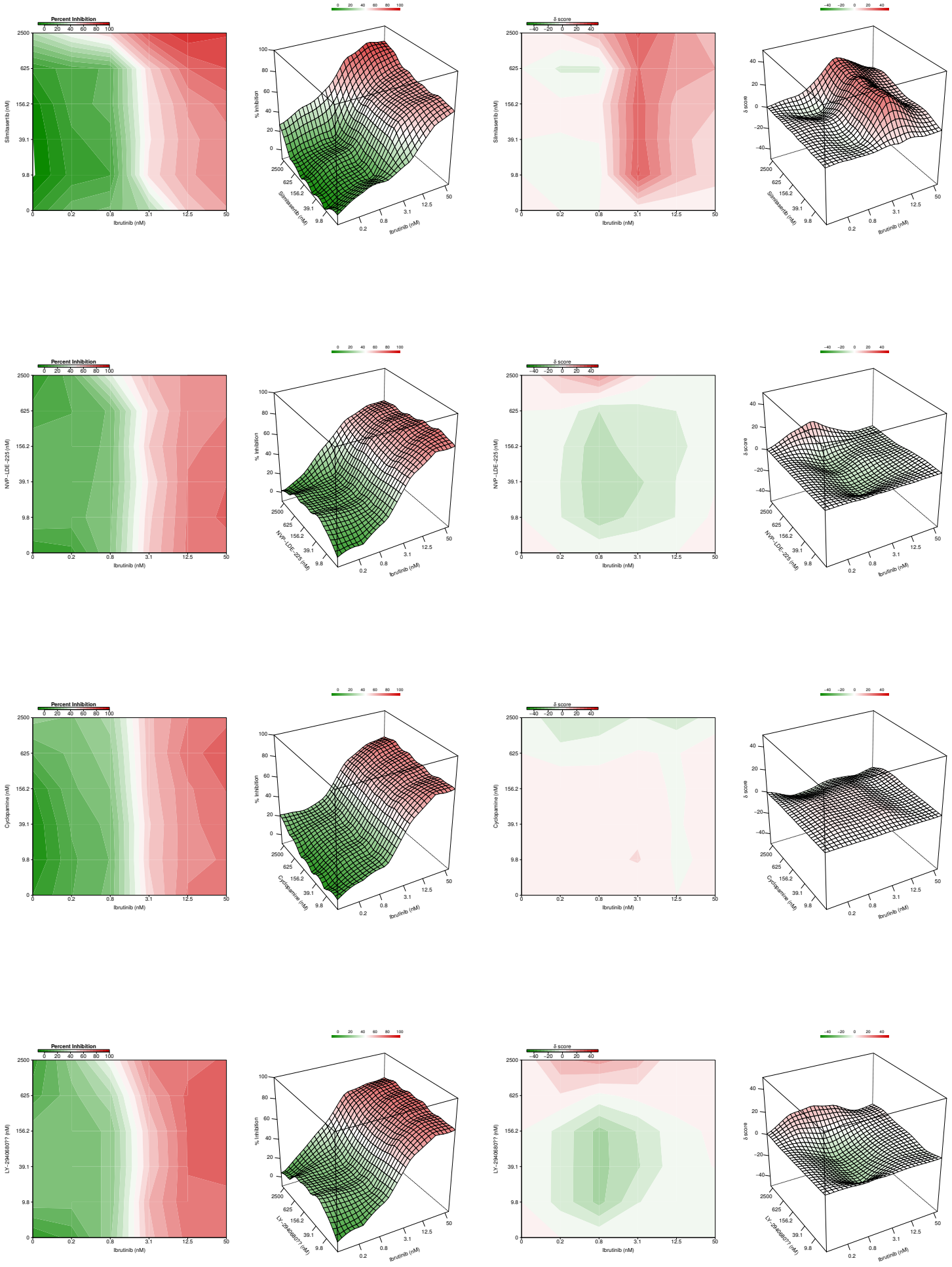

Percent Inhibition
0 20 40 60 80 100
KN-93 (nM)
Ibrutinib (nM)
% Inhibition
KN-92 (nM)
δ score
−40 −20 0 20 40
KN-62 (nM)
GSK-269962A (nM)
Y-27632 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

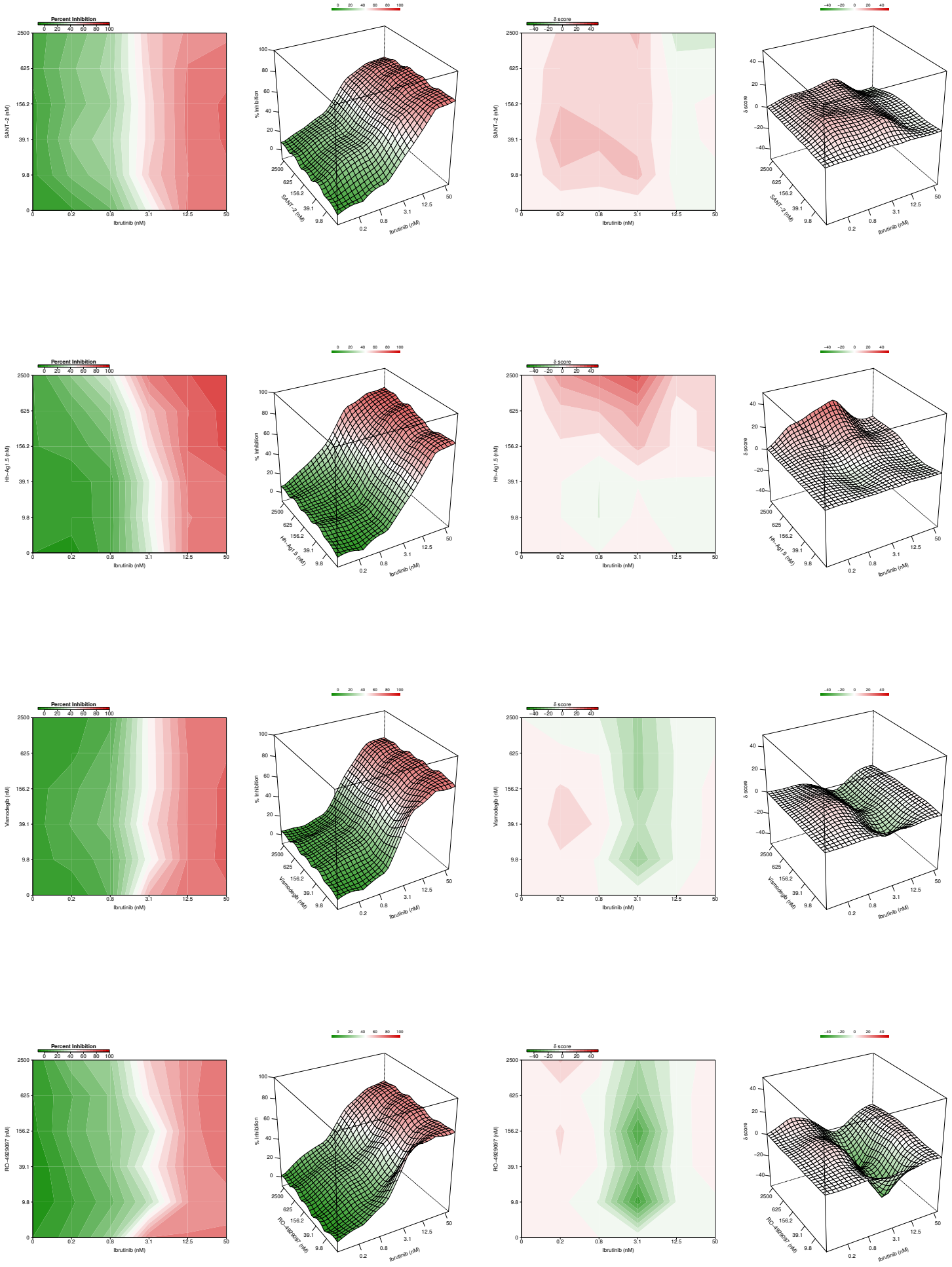

Percent Inhibition
0 20 40 60 80 100
GSK-650394 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AZD-1480 (nM)
Tofacitinib (nM)
Ruxolitinib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

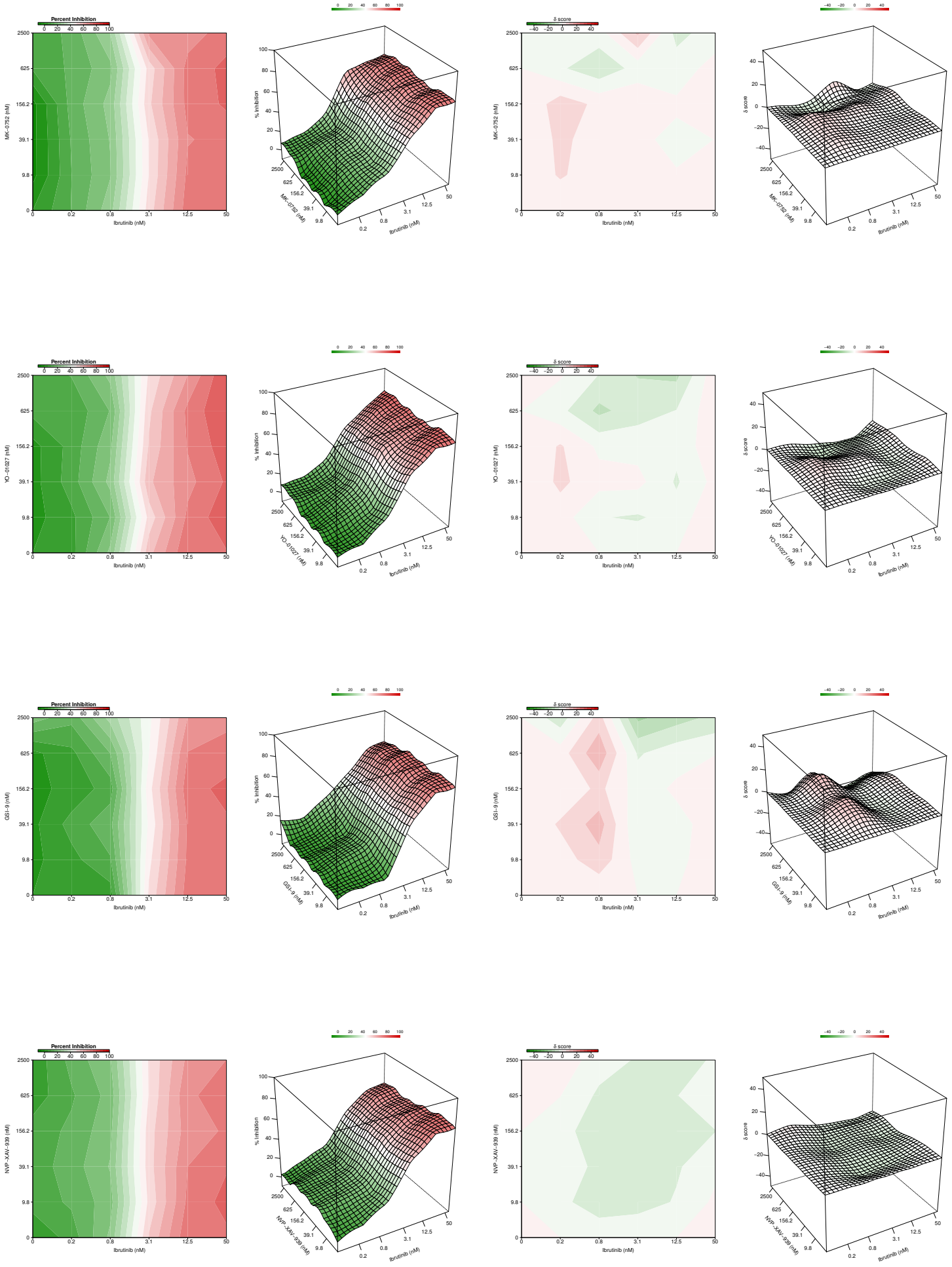

Percent Inhibition
0 20 40 60 80 100
CYT387 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Lestaurtinib?? (nM)
SB1518 (nM)
Leflunomide (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

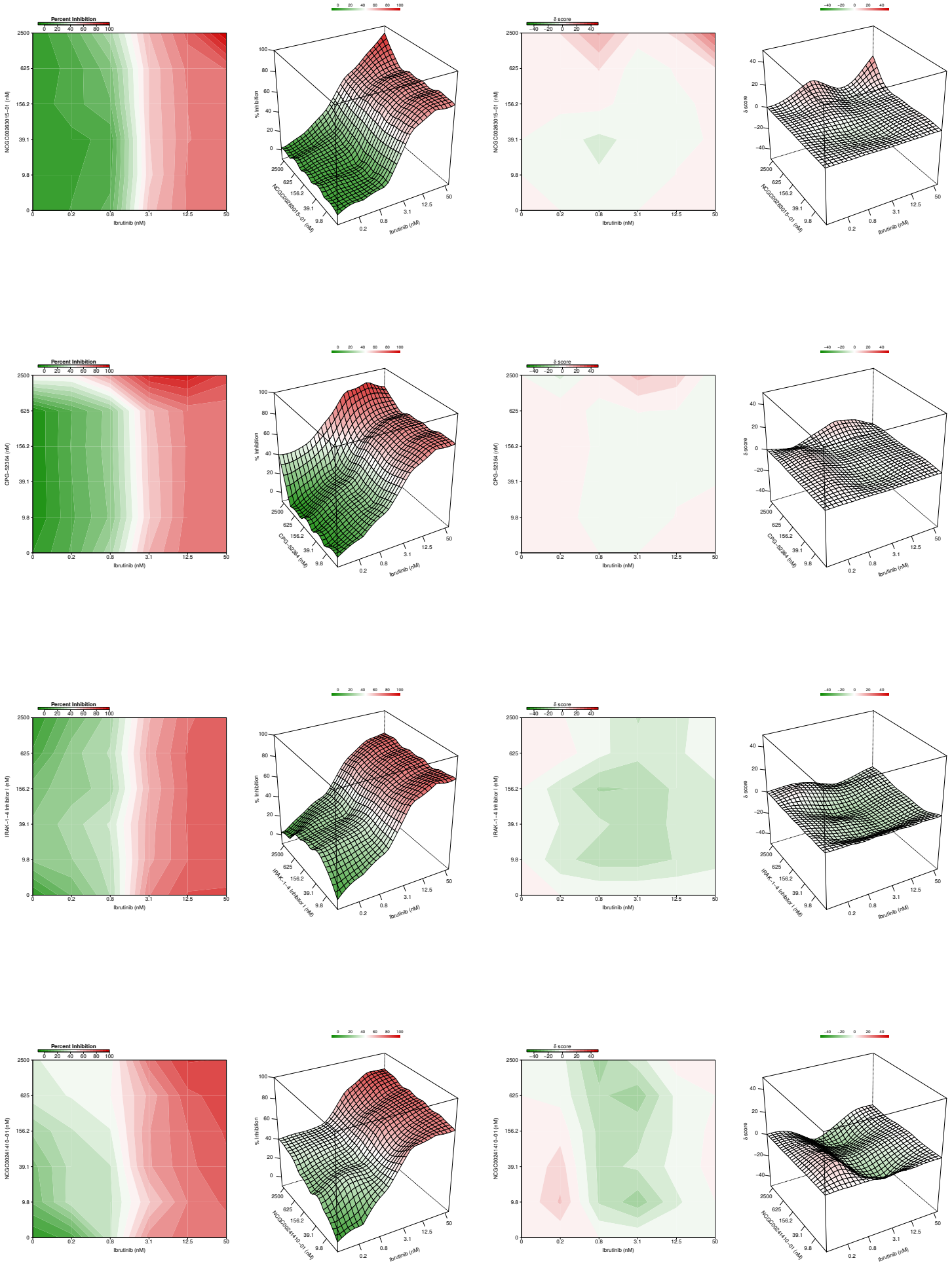

Percent Inhibition
0 20 40 60 80 100
NVP-BSK805 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Degrasyn (nM)
RO495 (nM)
NCGC00244250-01 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

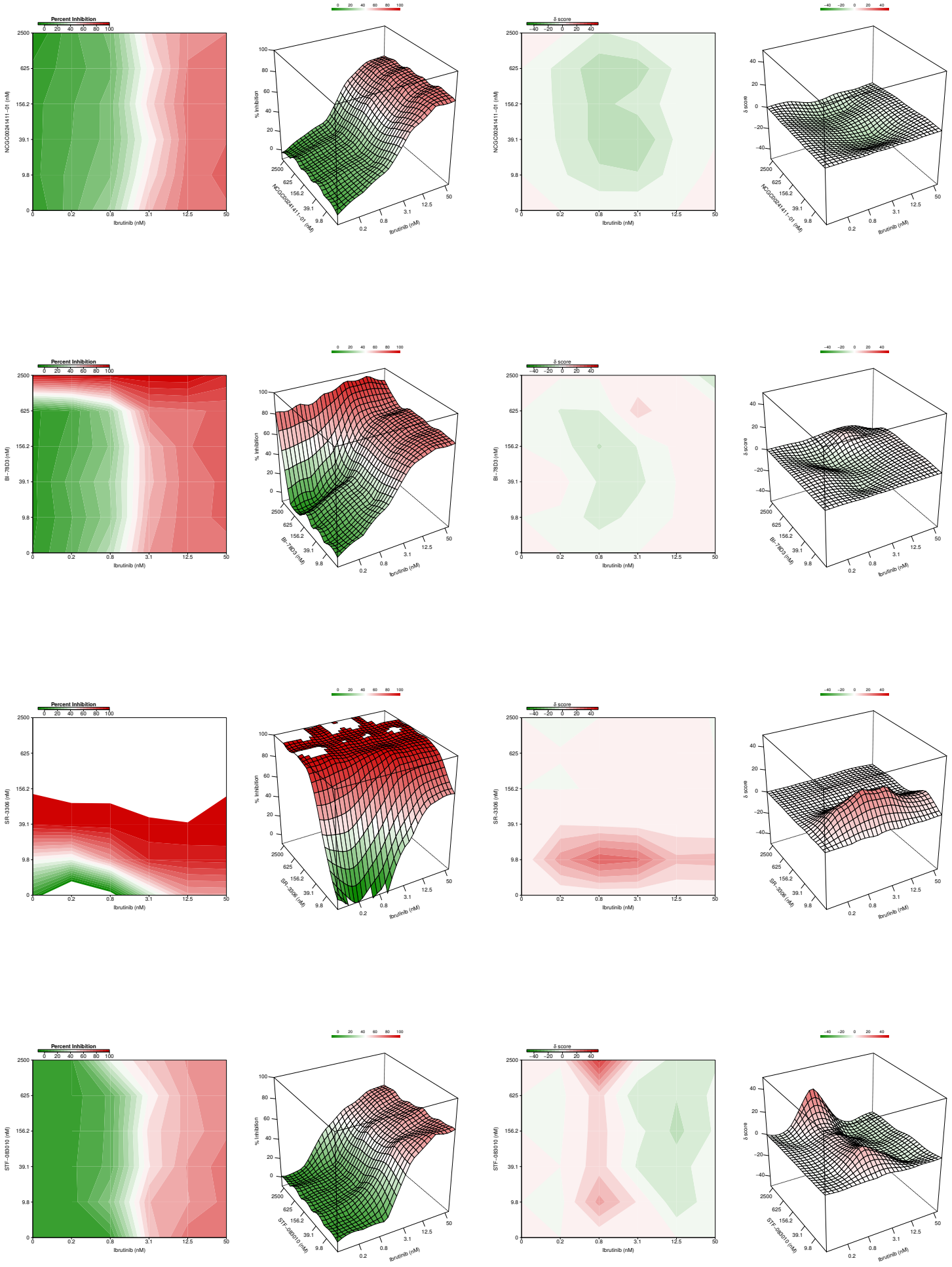

Percent Inhibition
0 20 40 60 80 100
NCGC00244250_01 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
ICG-001 (nM)
Wnt-C59 (nM)
D-4476 (nM)

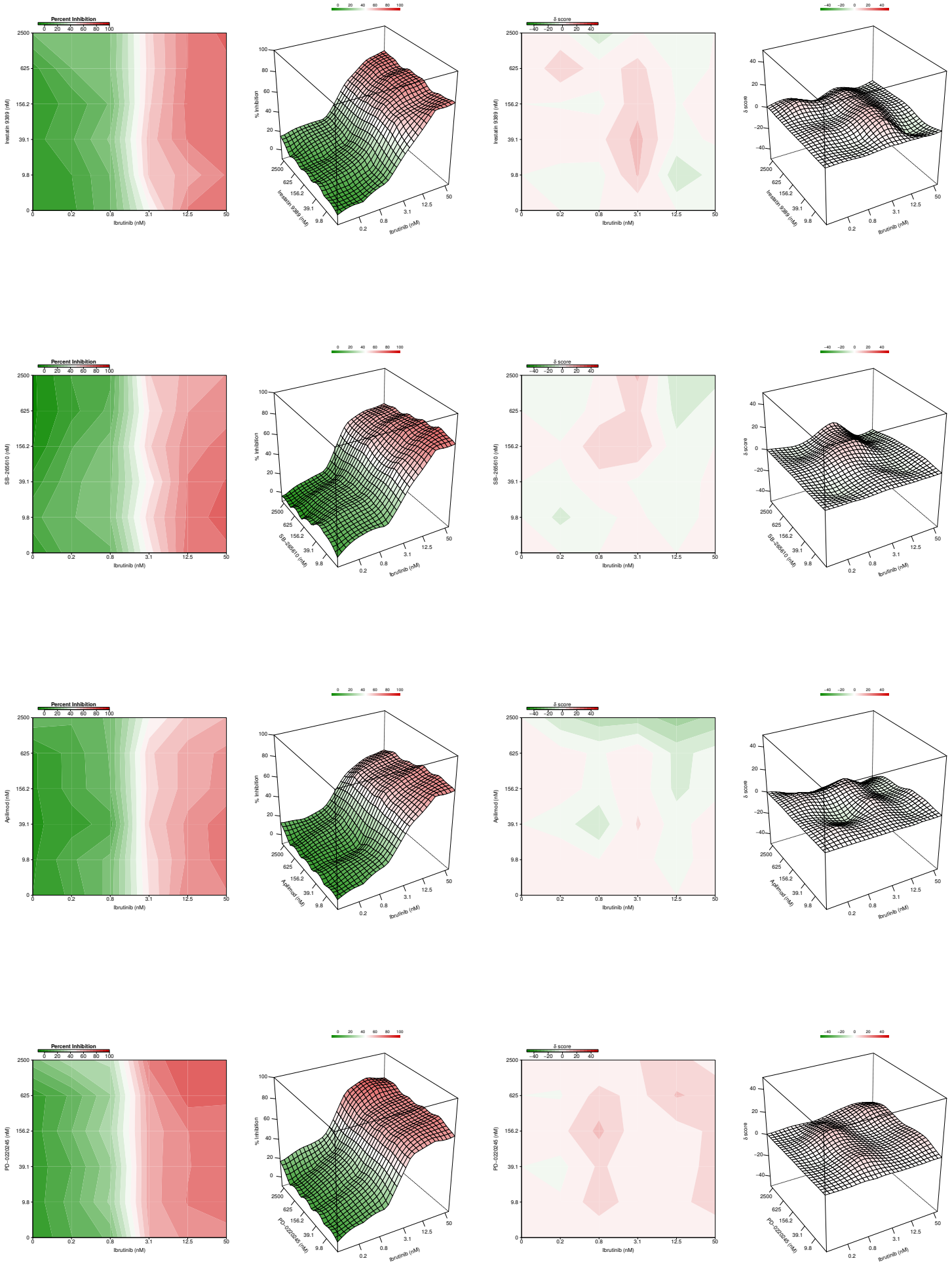

Percent Inhibition
0 20 40 60 80 100
Slimitasertib (nM)
2500
625
156.2
39.1
9.8
0
Ibrutinib (nM)
0 0.2 0.8 3.1 12.5 50
% inhibition
δ score
−40 −20 0 20 40
NVP−LDE−225 (nM)
Cyclopamine (nM)
LY−2940680?? (nM)

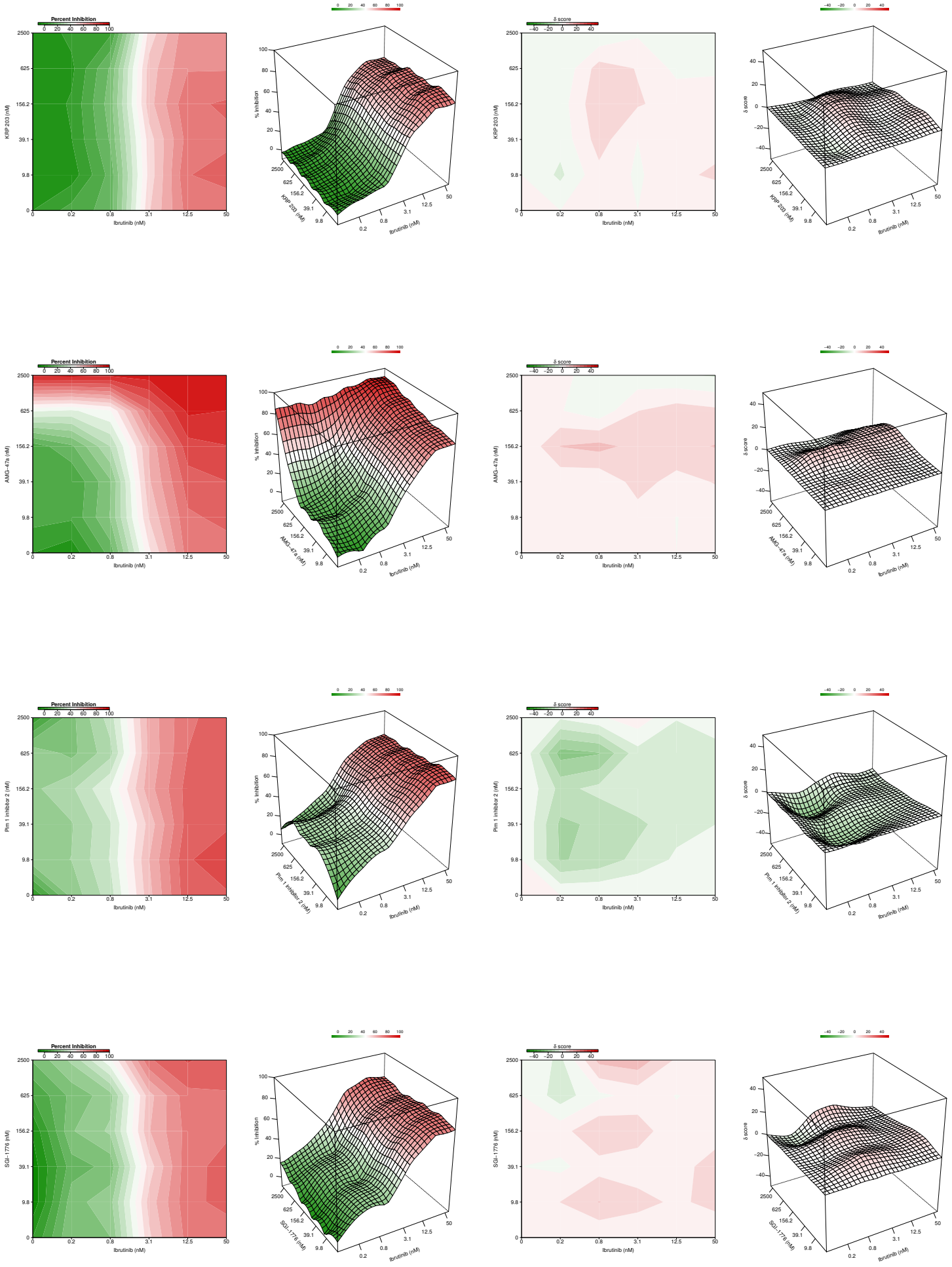

Percent Inhibition
0 20 40 60 80 100
SANT−2 (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
Hh−Ag1.5 (nM)
Vismodegib (nM)
RO−4929097 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

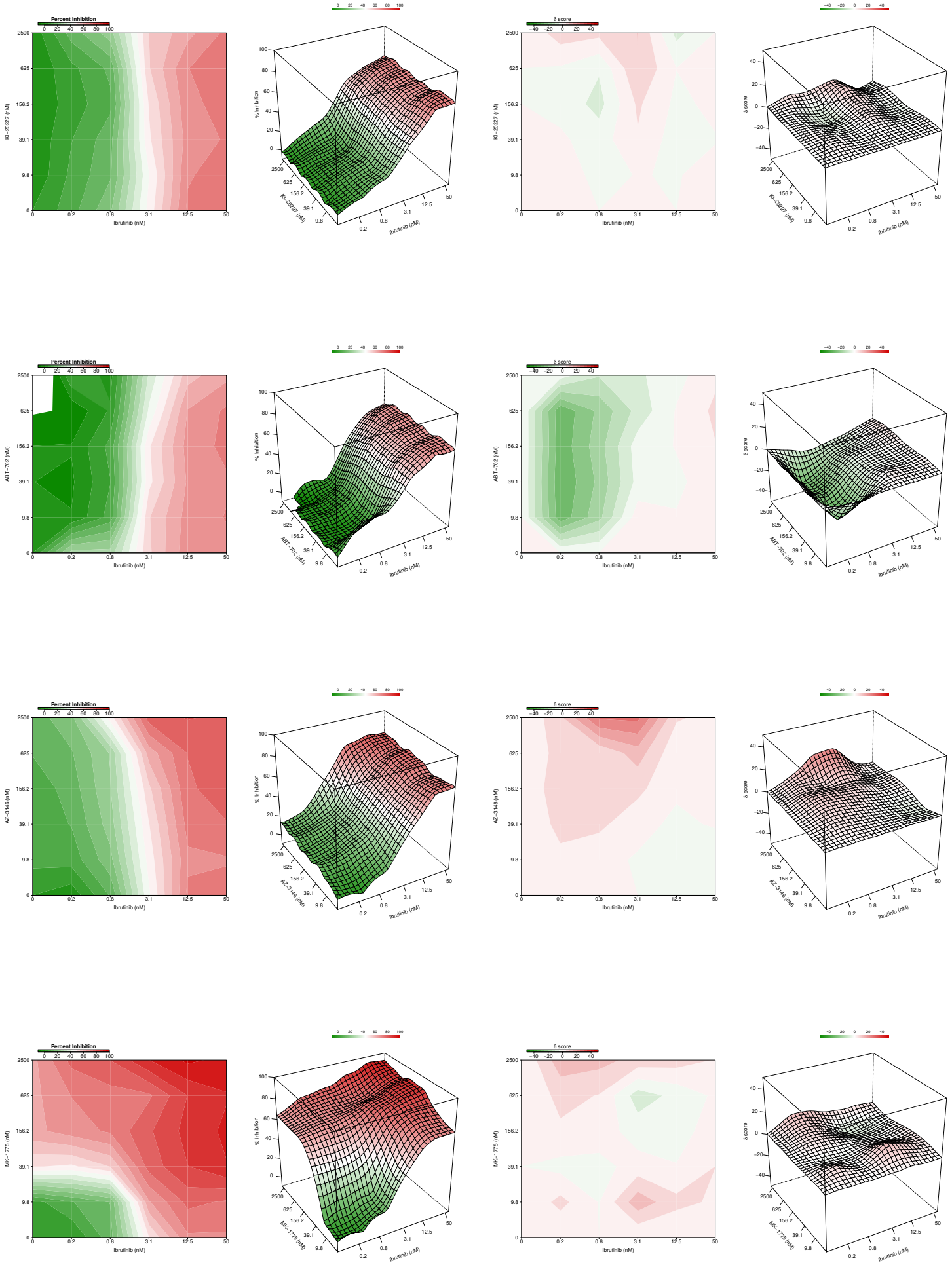

Percent Inhibition
0 20 40 60 80 100
MK-0752 (nM)
Ibrutinib (nM)
% Inhibition
YO-01027 (nM)
GSI-9 (nM)
NVP-XAV-939 (nM)
δ score
−40 −20 0 20 40
δ score

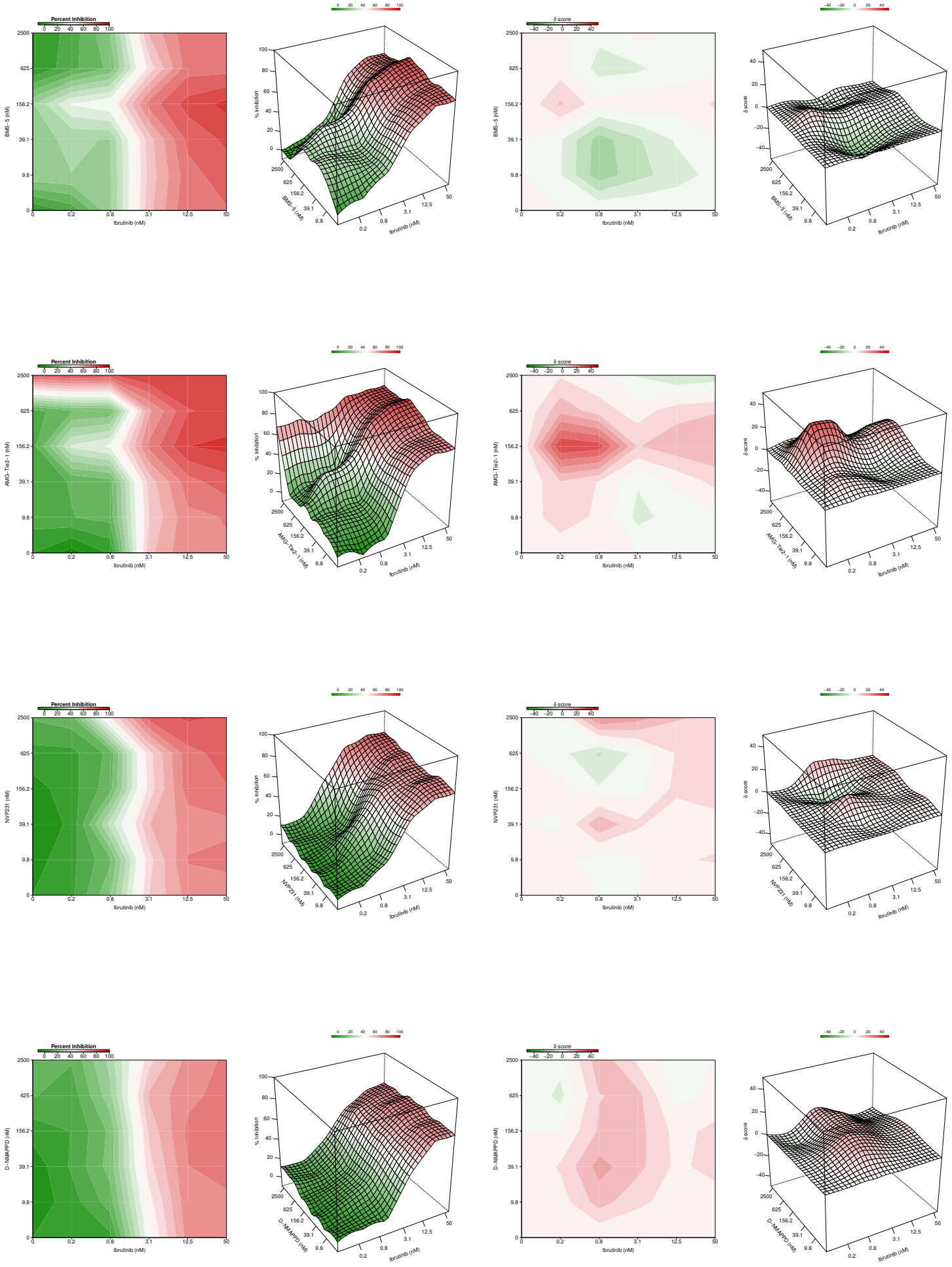

Percent Inhibition
0 20 40 60 80 100
NCGC00263015-01 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score
CPD-52364 (nM)
IRAK-1-4 Inhibitor I (nM)
NCGC00241410-01 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

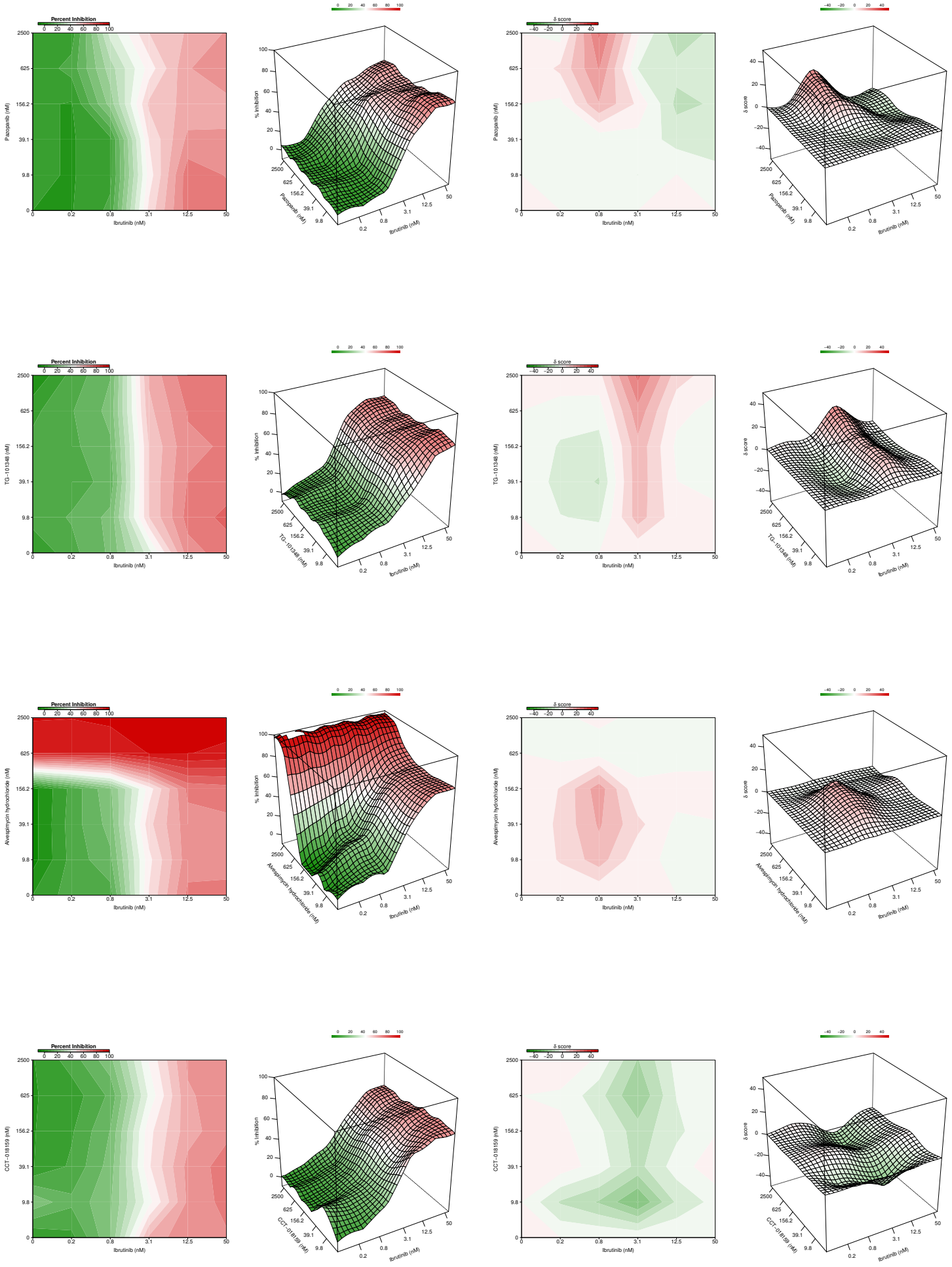

Percent Inhibition
0 20 40 60 80 100
δ score
−40 −20 0 20 40
% inhibition
δ score
NCGC00241411−01 (nM)
Bi−78D3 (nM)
SR−3306 (nM)
STF−083010 (nM)
Ibrutinib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

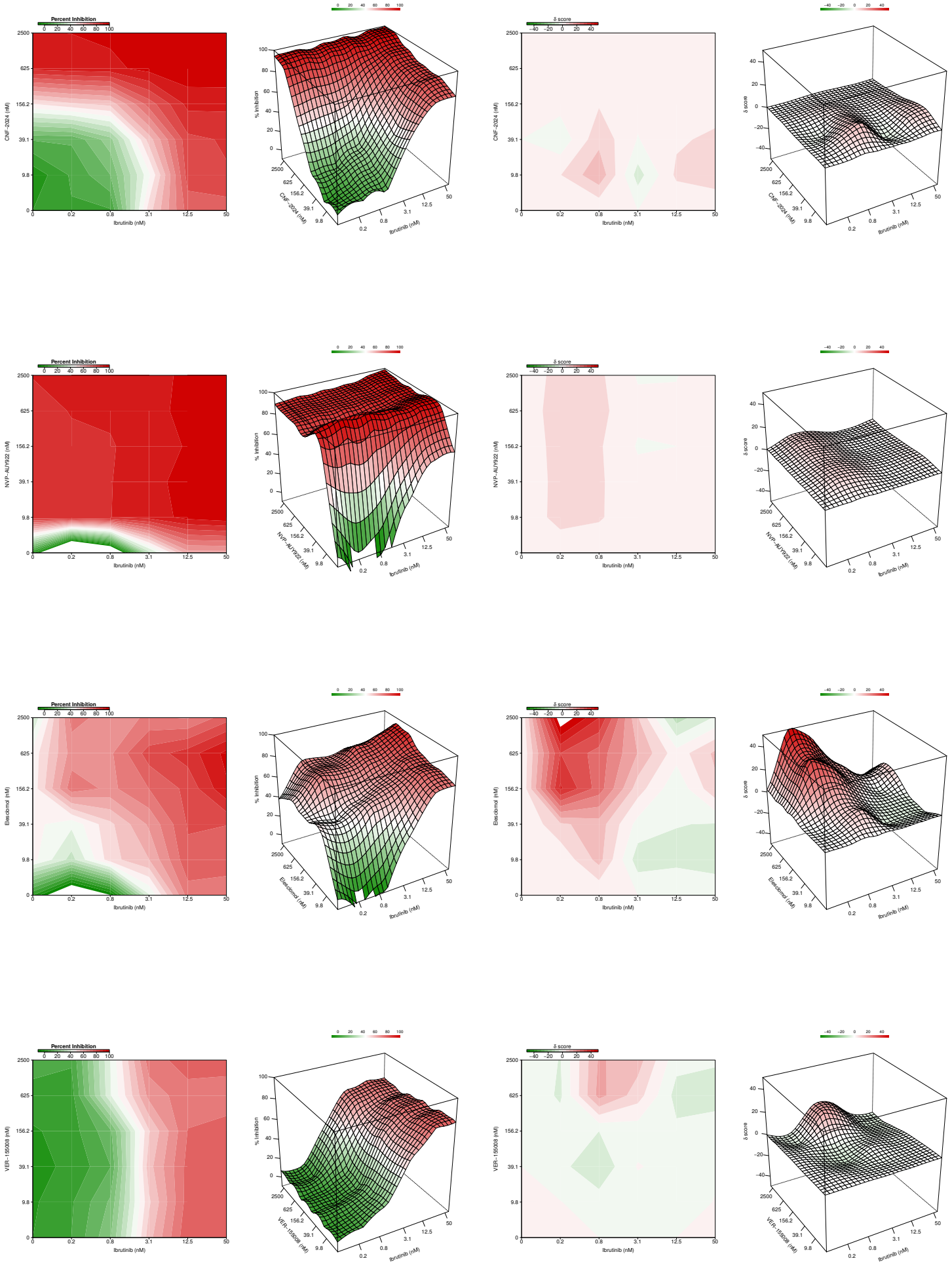

Percent Inhibition
0 20 40 60 80 100
Ibrutinib (nM)
Inestatin 9389 (nM)
% Inhibition
δ score
−40 −20 0 20 40
SB-265610 (nM)
Apilimod (nM)
PD-0220245 (nM)
0 0.2 0.8 3.1 12.5 50
2500 625 156.2 39.1 9.8 0

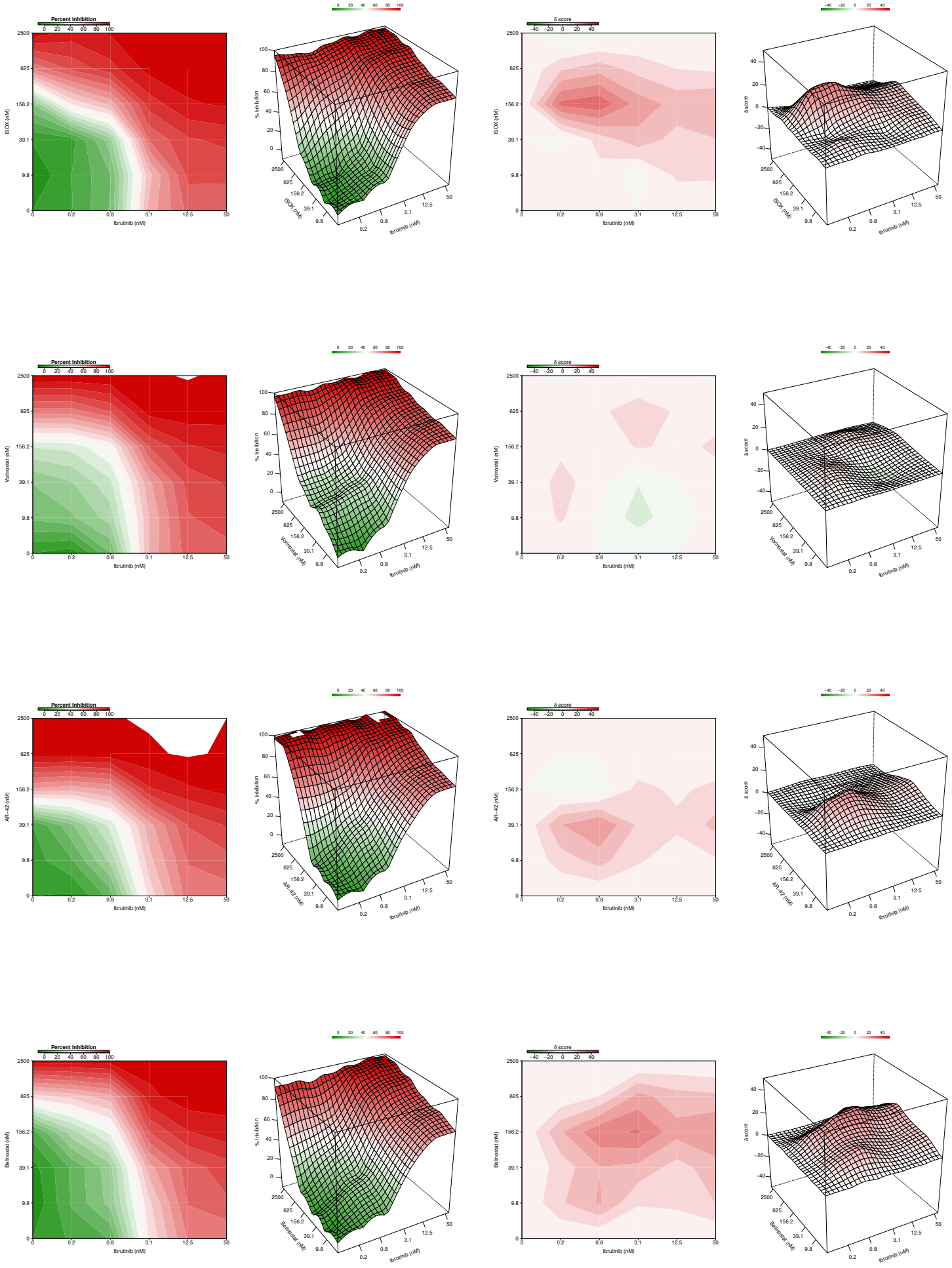

Percent Inhibition
0 20 40 60 80 100
KRP-203 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
AMG-47a (nM)
Pim 1 inhibitor 2 (nM)
SGI-1776 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

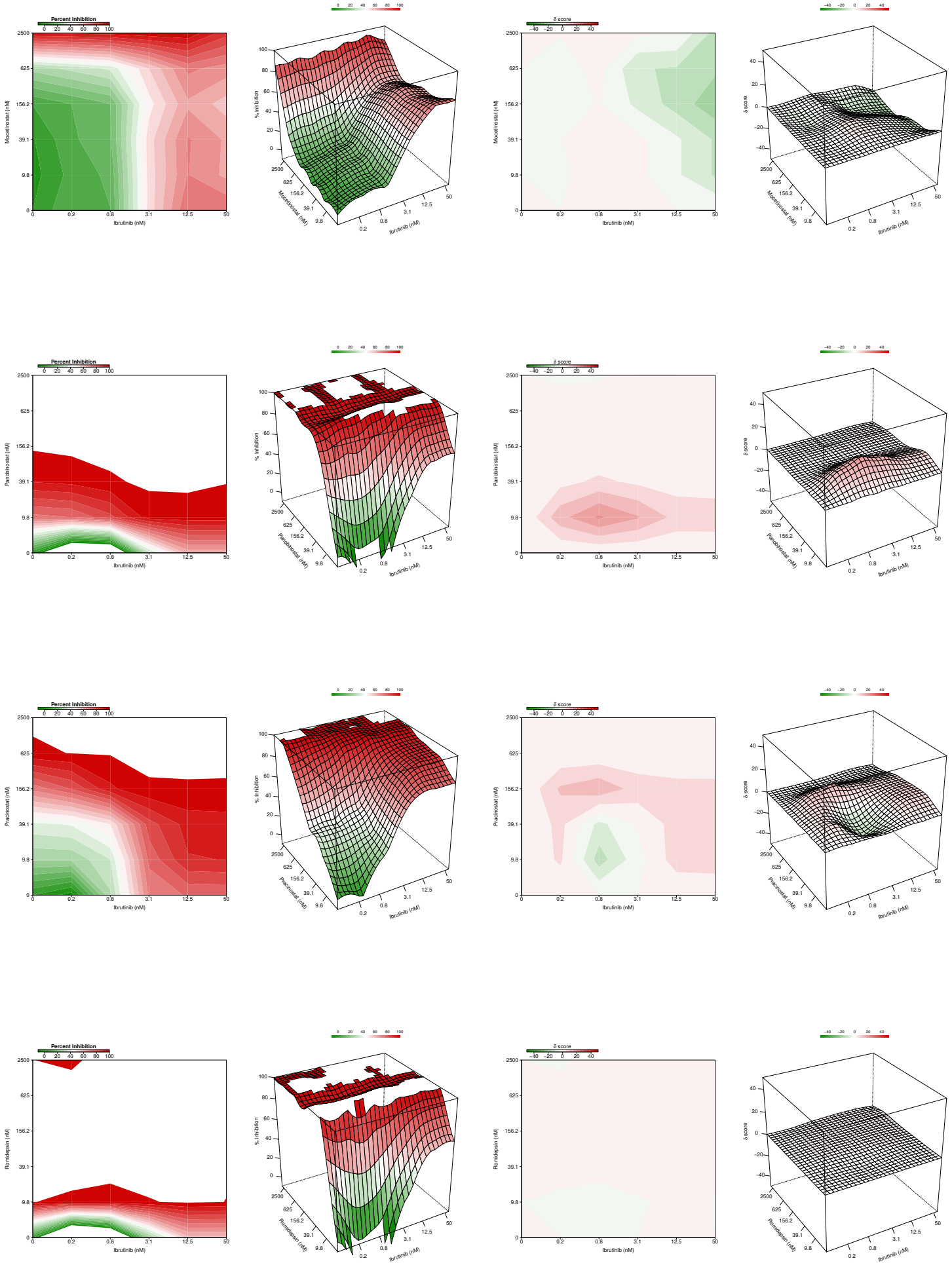

Percent Inhibition
0 20 40 60 80 100
KI-20227 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
ABT-702 (nM)
AZ-3146 (nM)
MK-1775 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

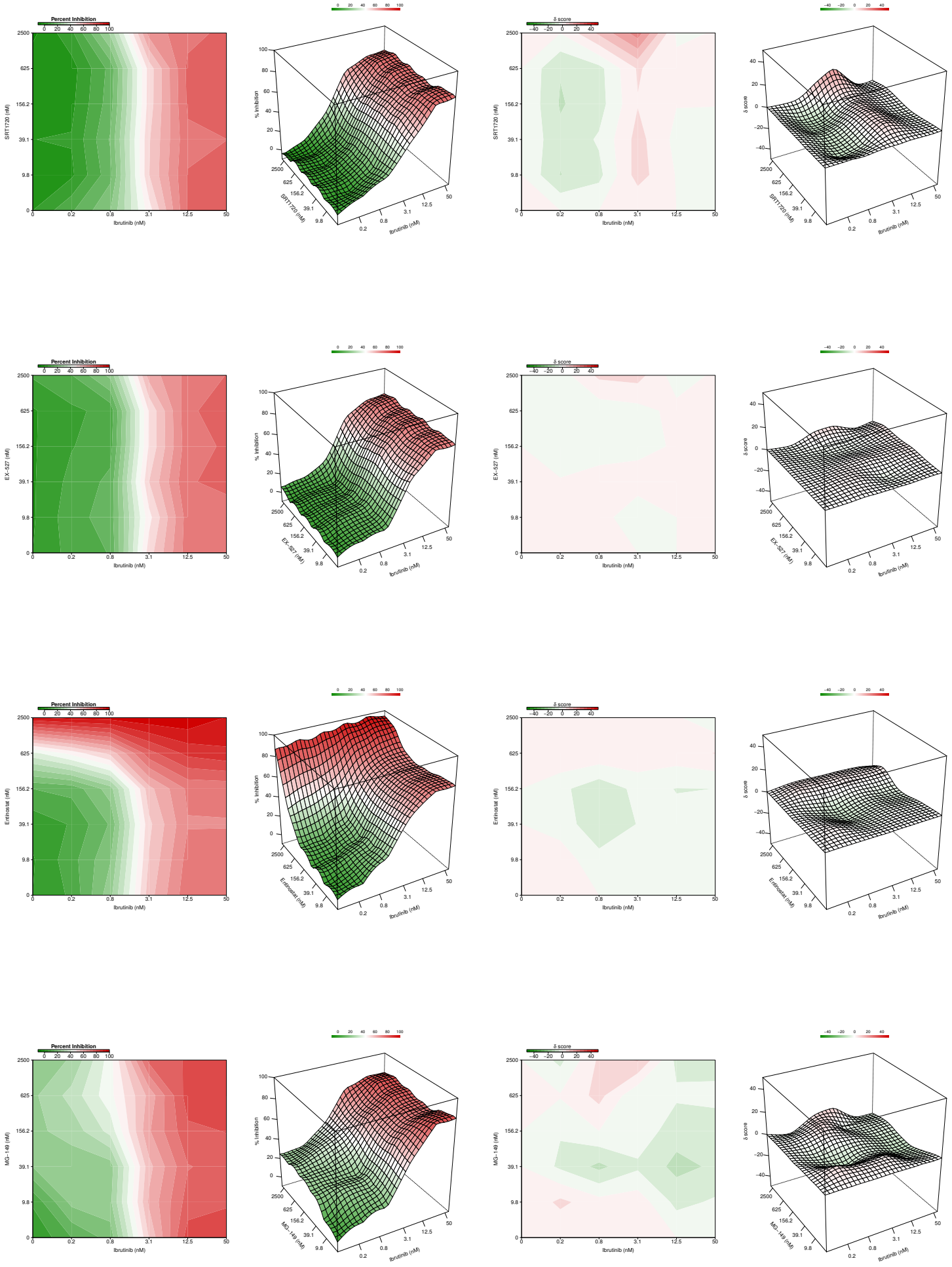

Percent Inhibition
0 20 40 60 80 100
BMS−5 (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
AMG−Tie2−1 (nM)
NVP231 (nM)
D−NMAPPD (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

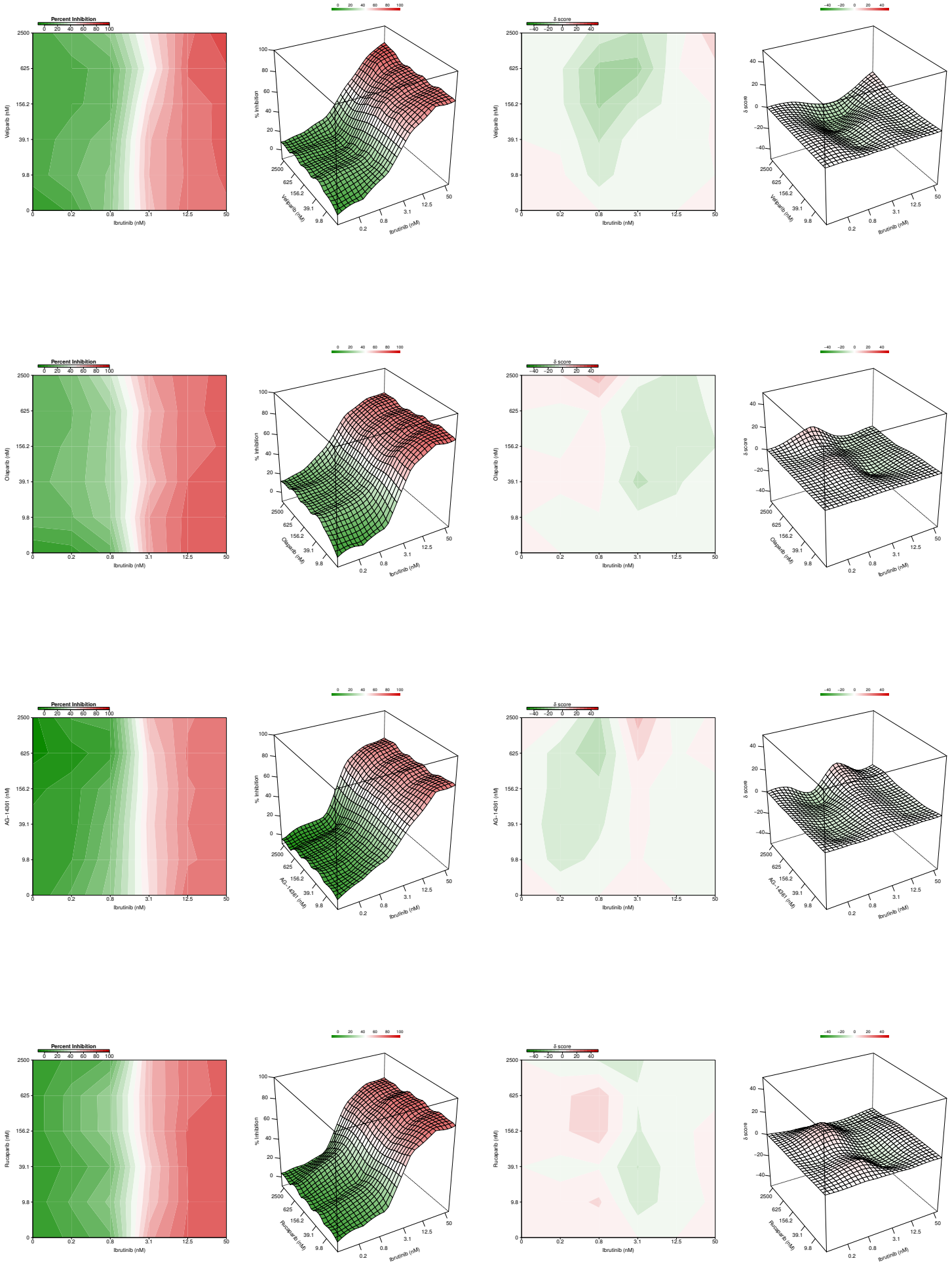

Percent Inhibition
0 20 40 60 80 100
Pazopanib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
TG−101348 (nM)
Alvespimycin hydrochloride (nM)
CCT−018159 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

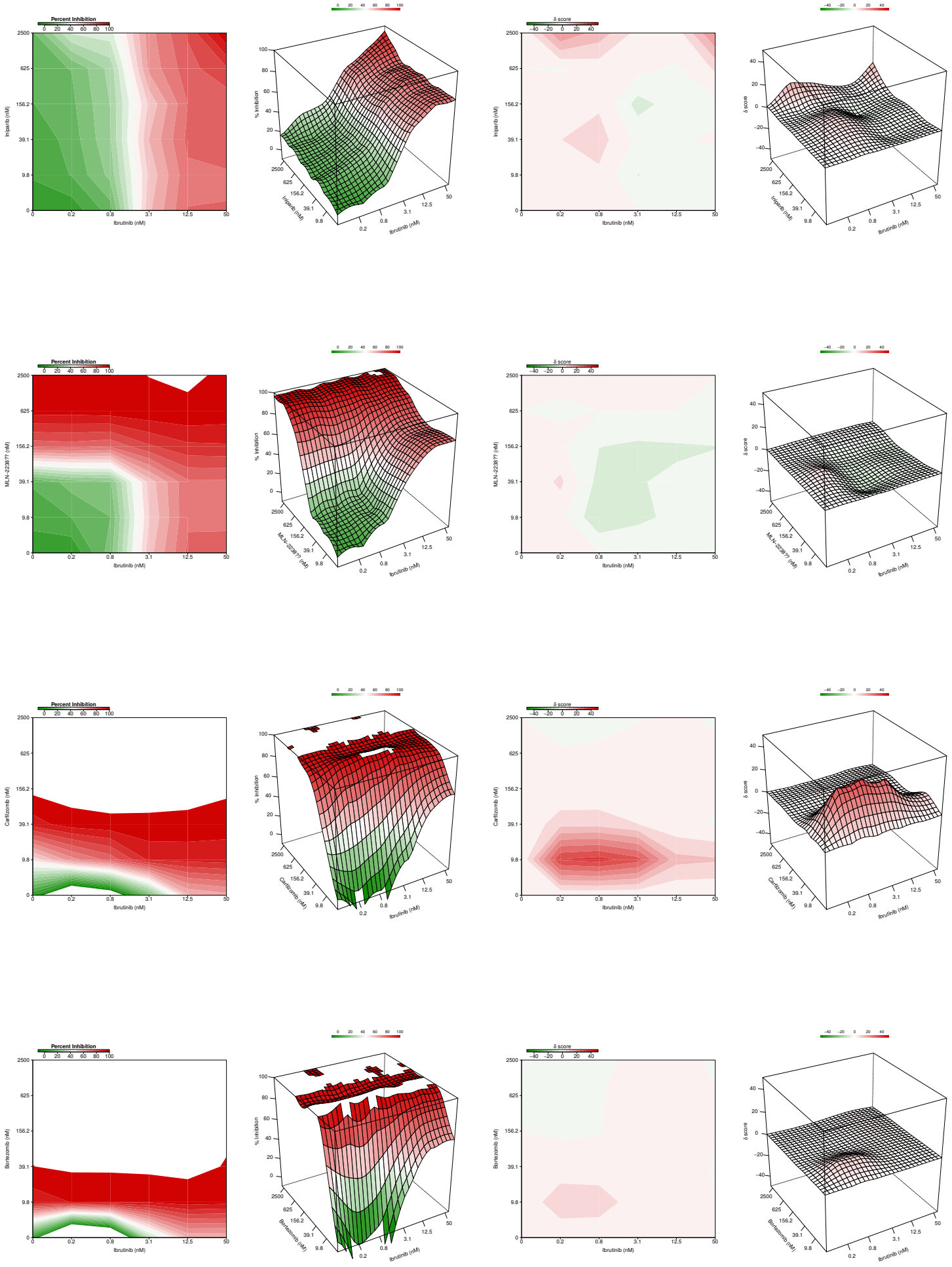

Percent Inhibition
0 20 40 60 80 100
CNF-2024 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
NVP-AUY922 (nM)
Elesclomol (nM)
VER-155008 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

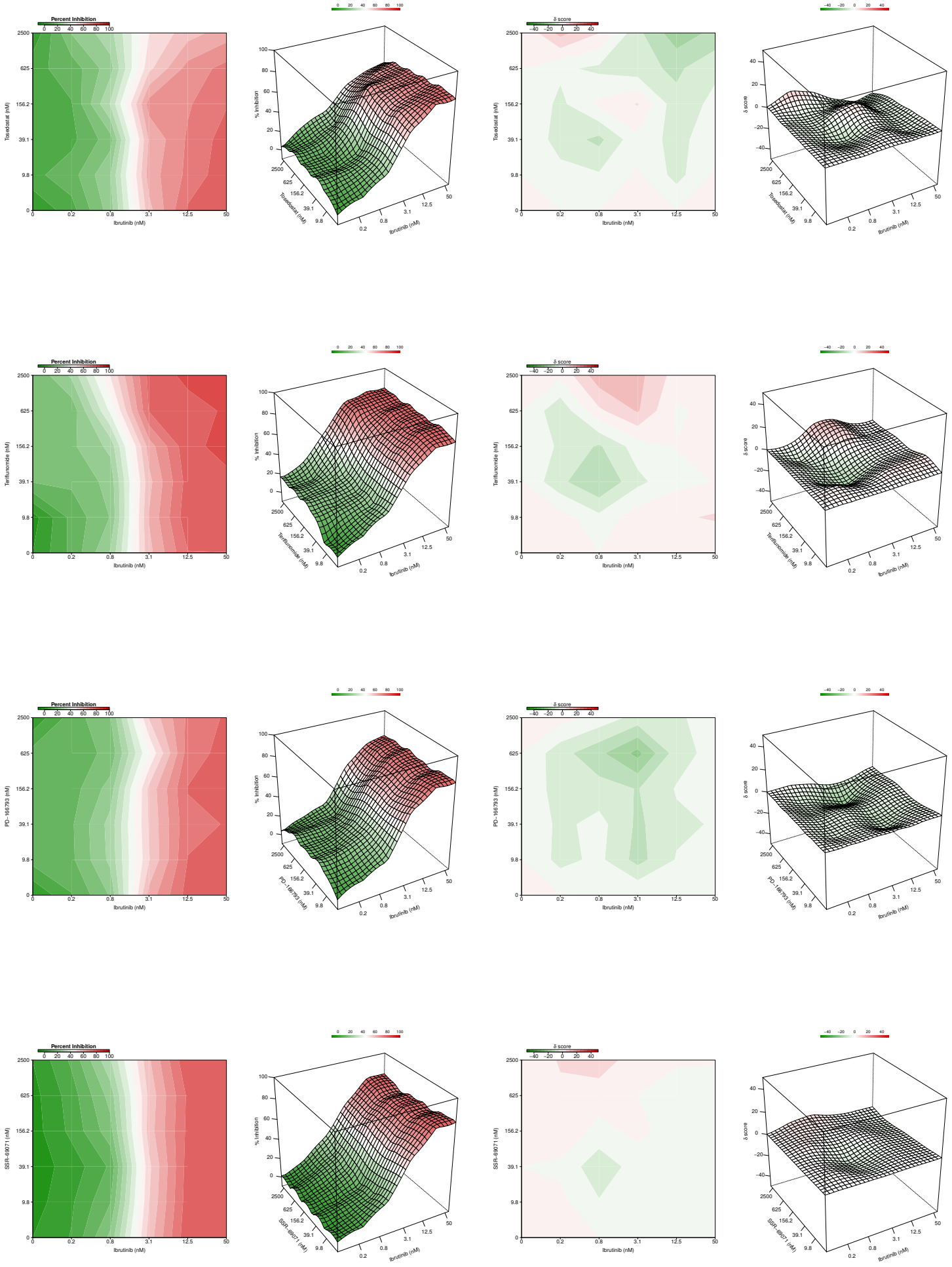

Percent Inhibition
0 20 40 60 80 100
ISOX (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Vorinostat (nM)
AR-42 (nM)
Belinostat (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

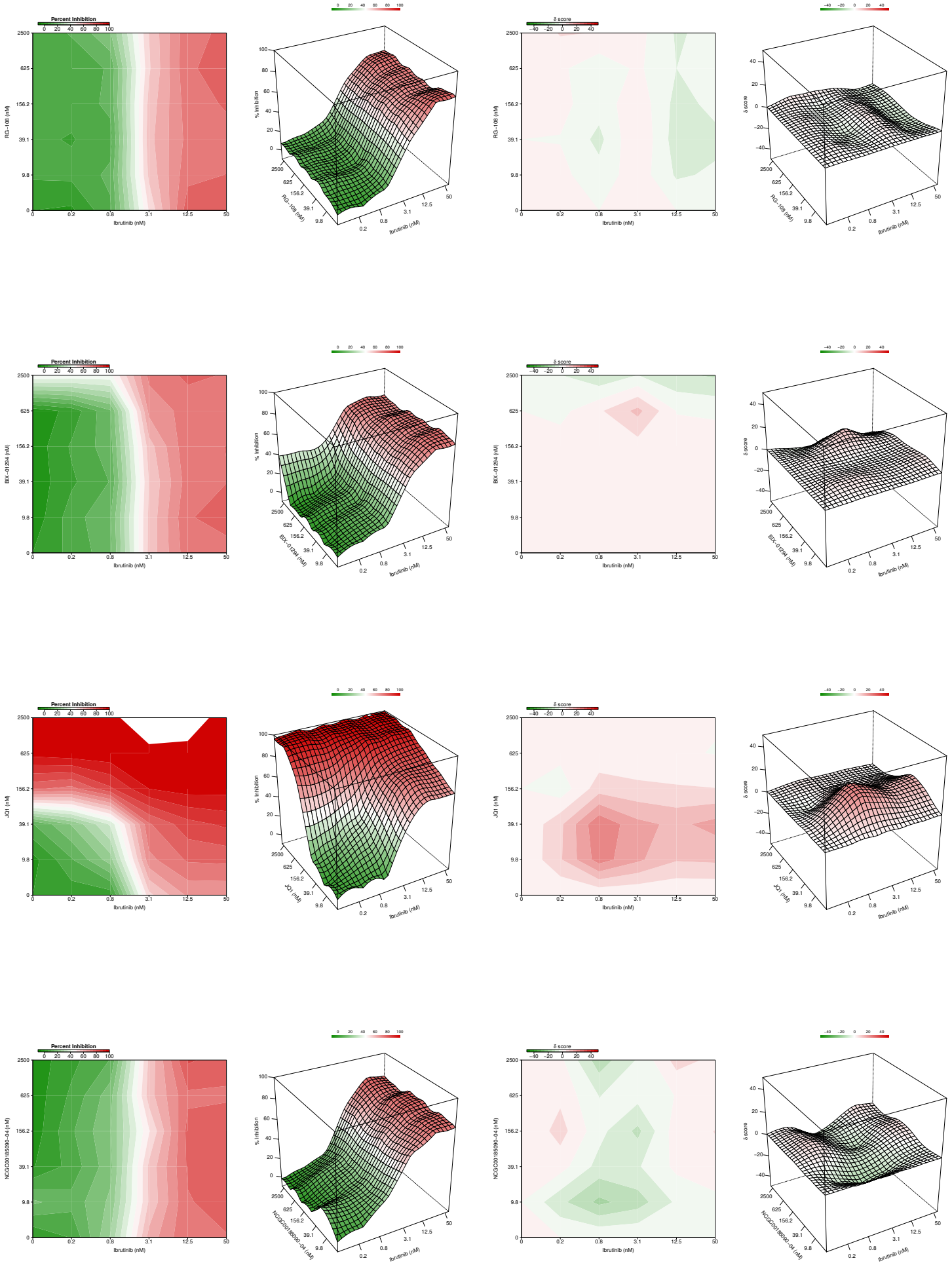

Percent Inhibition
0 20 40 60 80 100
Mocetinostat (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Panobinostat (nM)
Pracinostat (nM)
Romidepsin (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

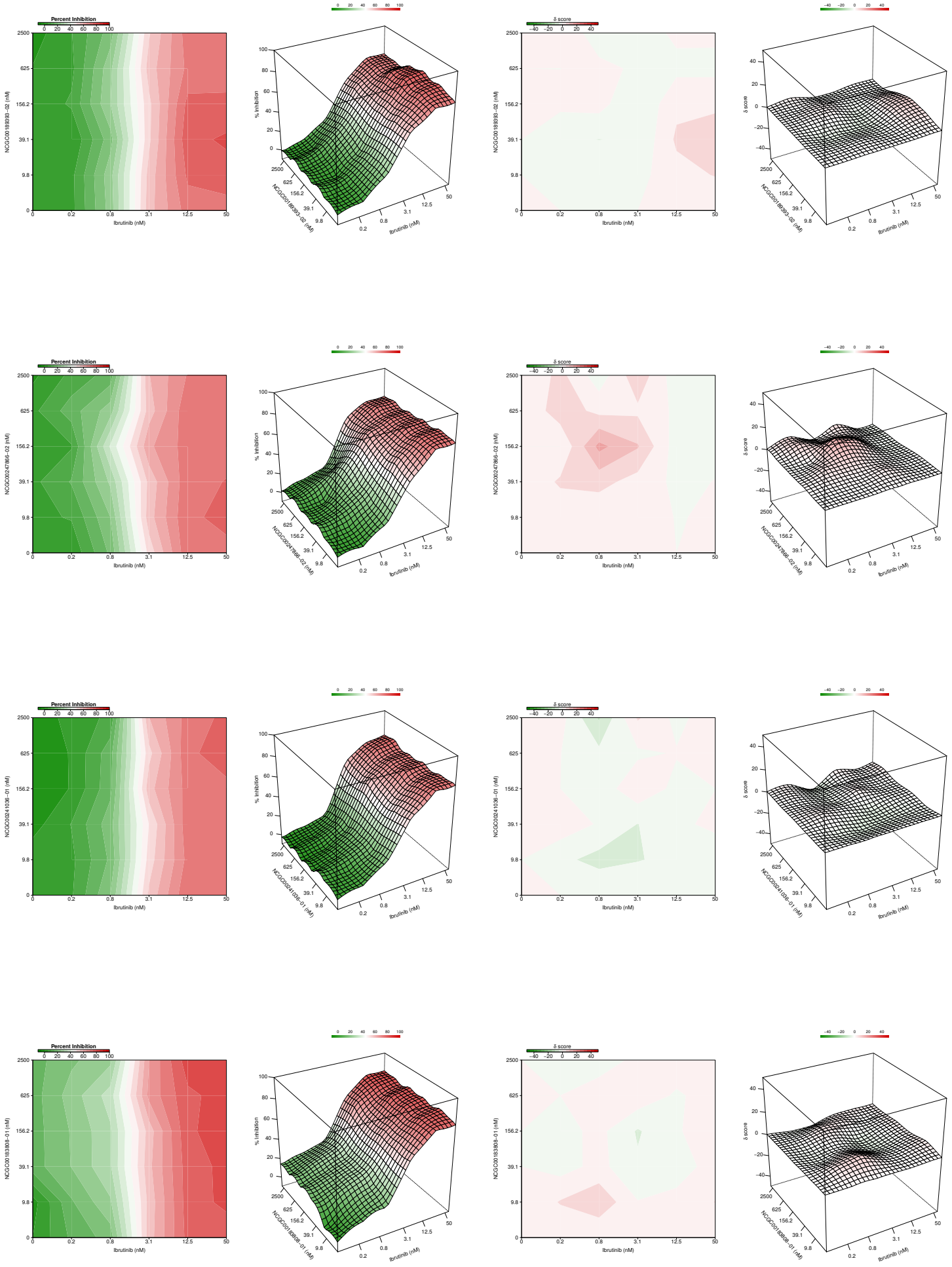

Percent Inhibition
0 20 40 60 80 100
SRT1720 (nM)
EX-527 (nM)
Entinostat (nM)
MG-149 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

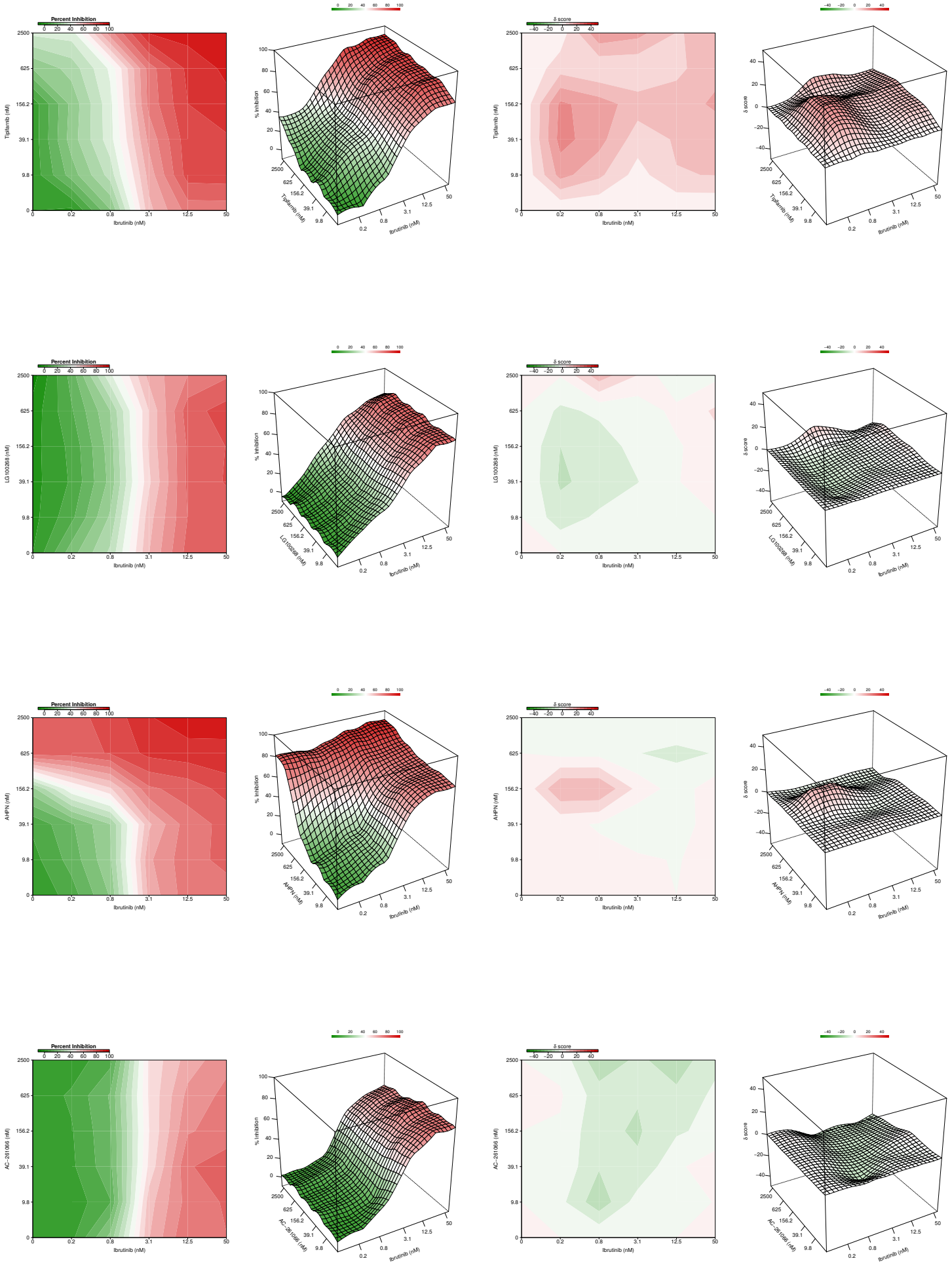

Percent Inhibition
0 20 40 60 80 100
Veliparib (nM)
Olaparib (nM)
AG-14361 (nM)
Rucaparib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

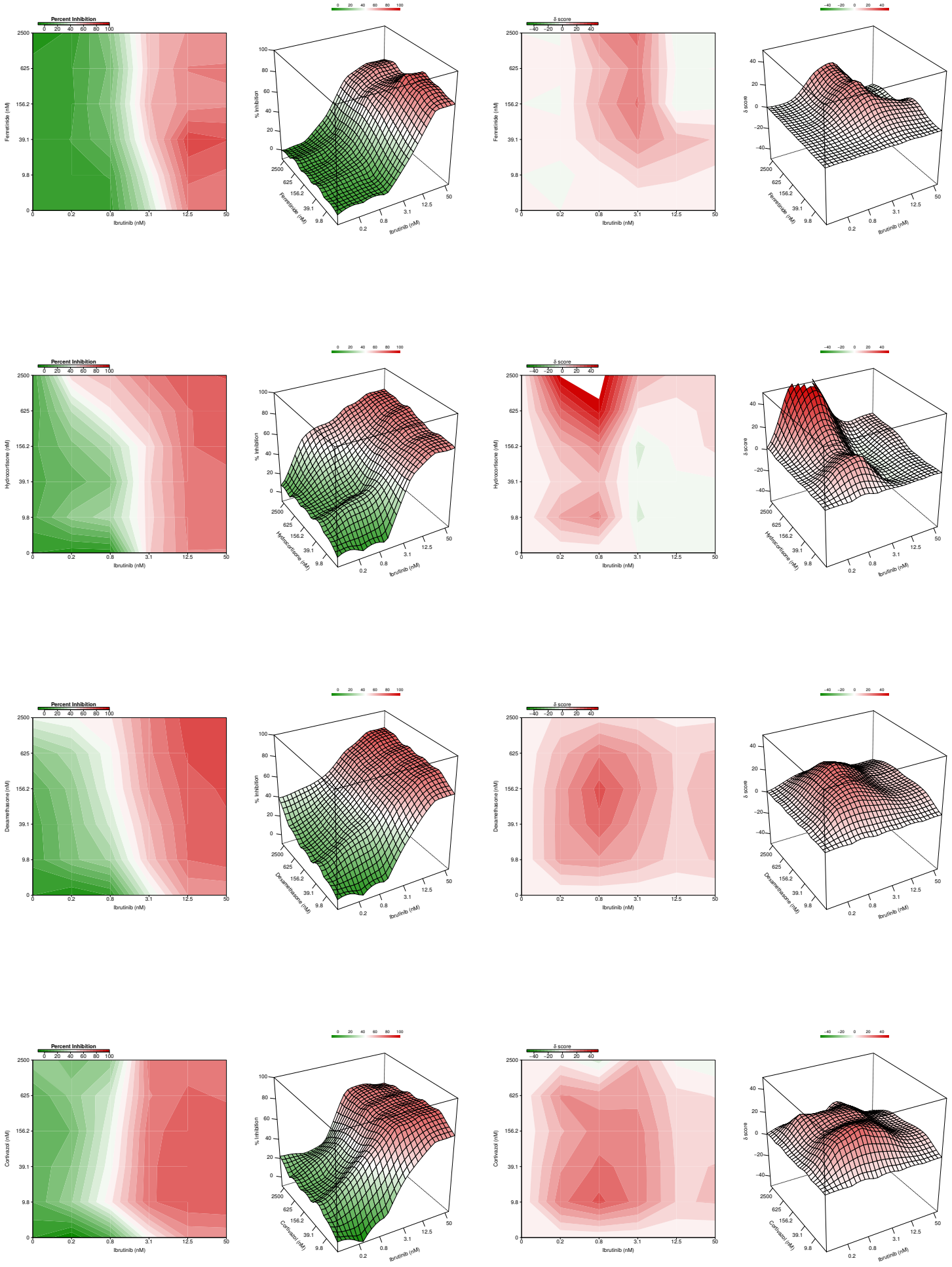

Percent Inhibition
0 20 40 60 80 100
Iniparib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
MLN-2238/7 (nM)
Carfilzomib (nM)
Bortezomib (nM)

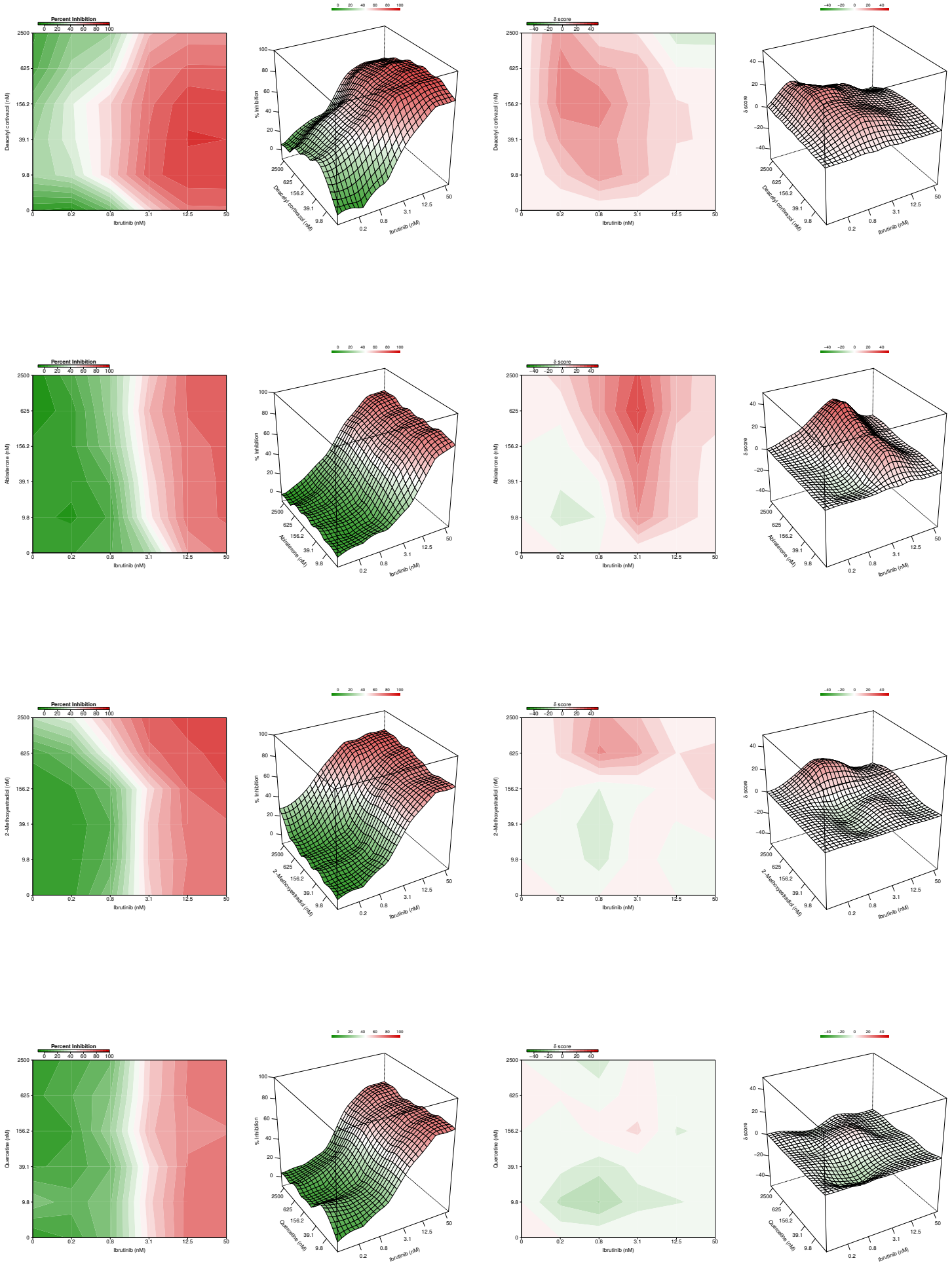

Percent Inhibition
0 20 40 60 80 100
Toxadostat (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Tenfluromide (nM)
PD−166793 (nM)
SSR−69071 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

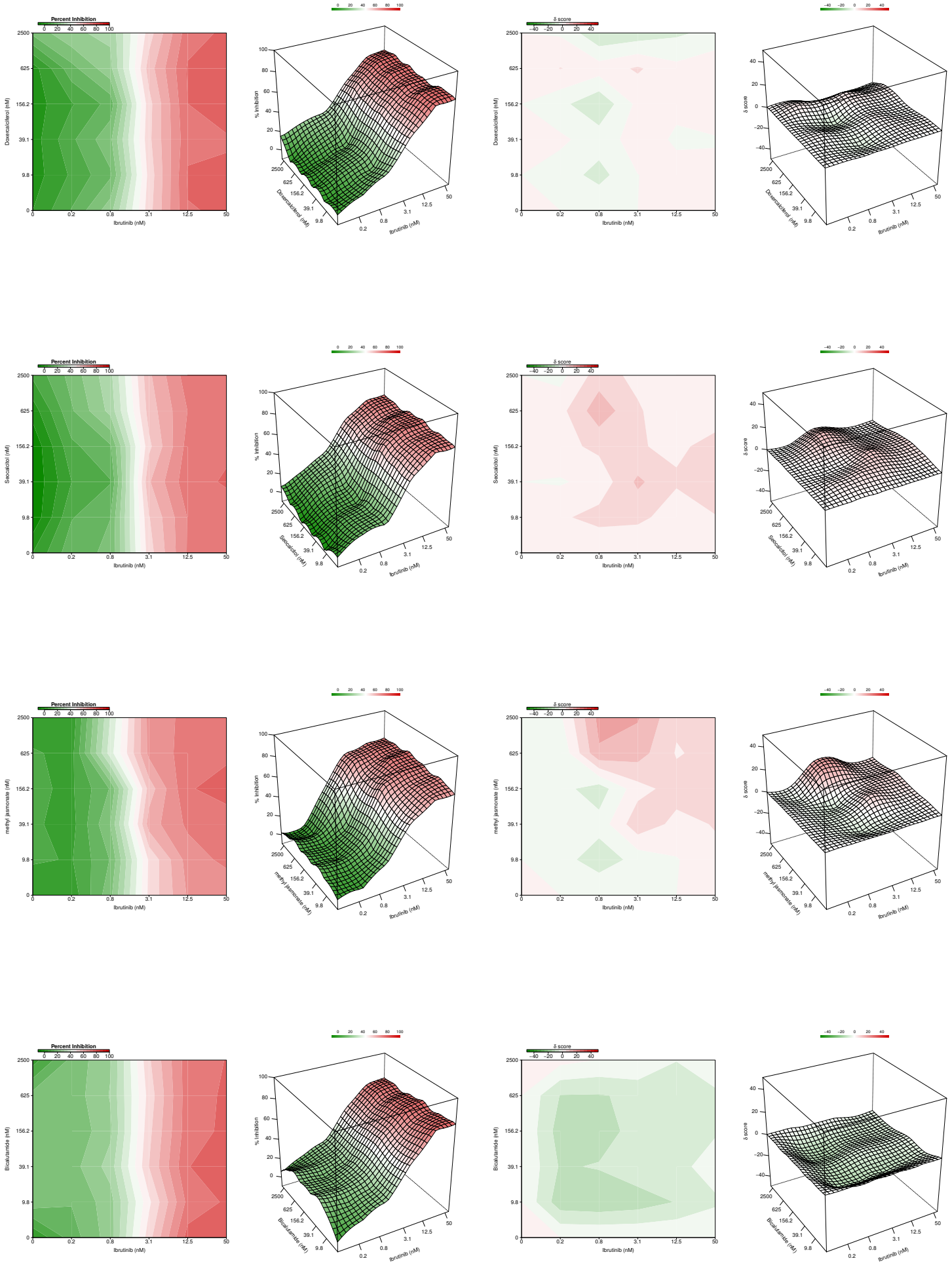

Percent Inhibition
0 20 40 60 80 100
RG-108 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
BIX-01294 (nM)
JQ1 (nM)
NCGC00185090-04 (nM)

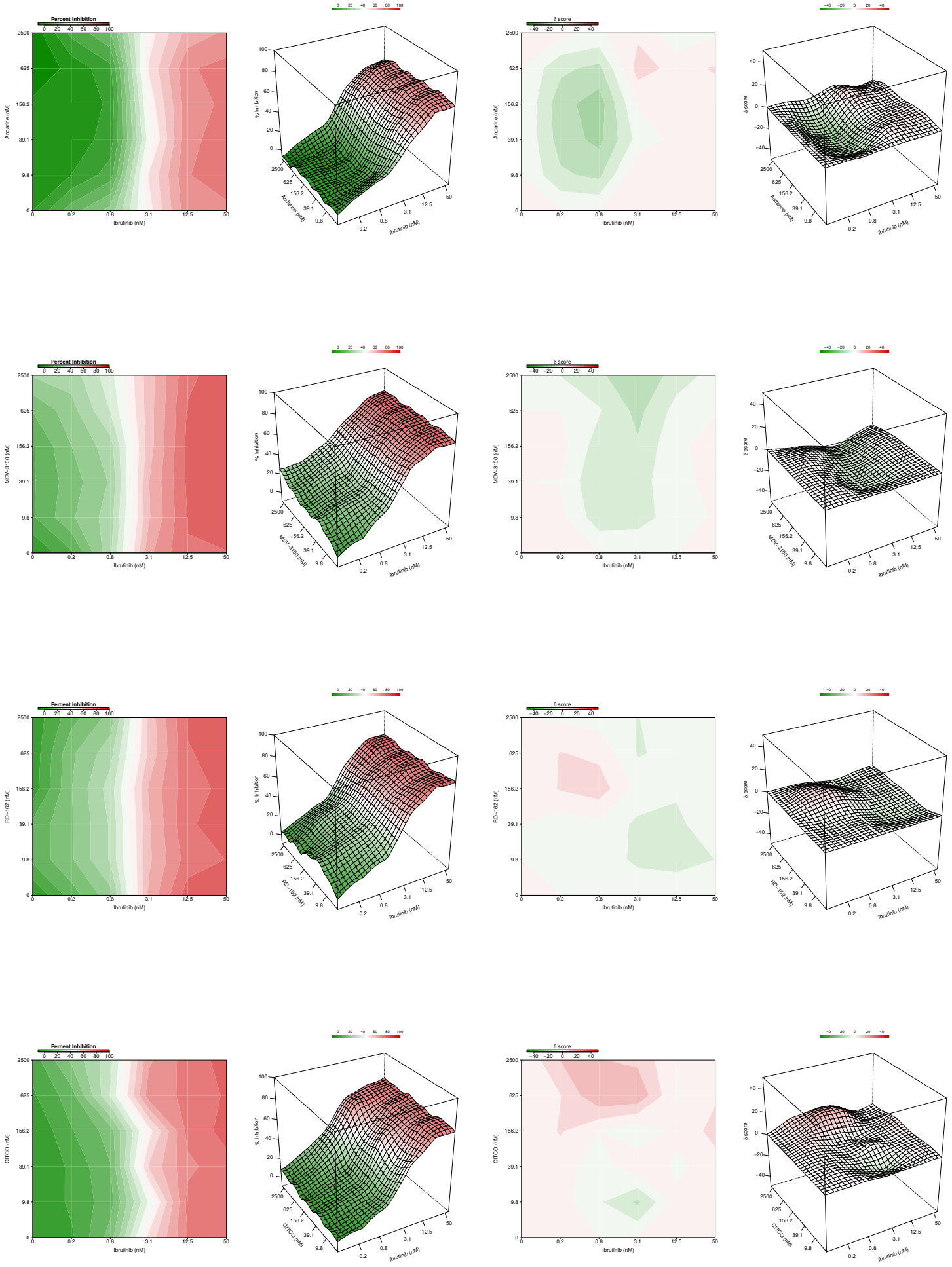

Percent Inhibition
0 20 40 60 80 100
NCGC00189393-02 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score
NCGC00247866-02 (nM)
NCGC00241036-01 (nM)
NCGC00183808-01 (nM)

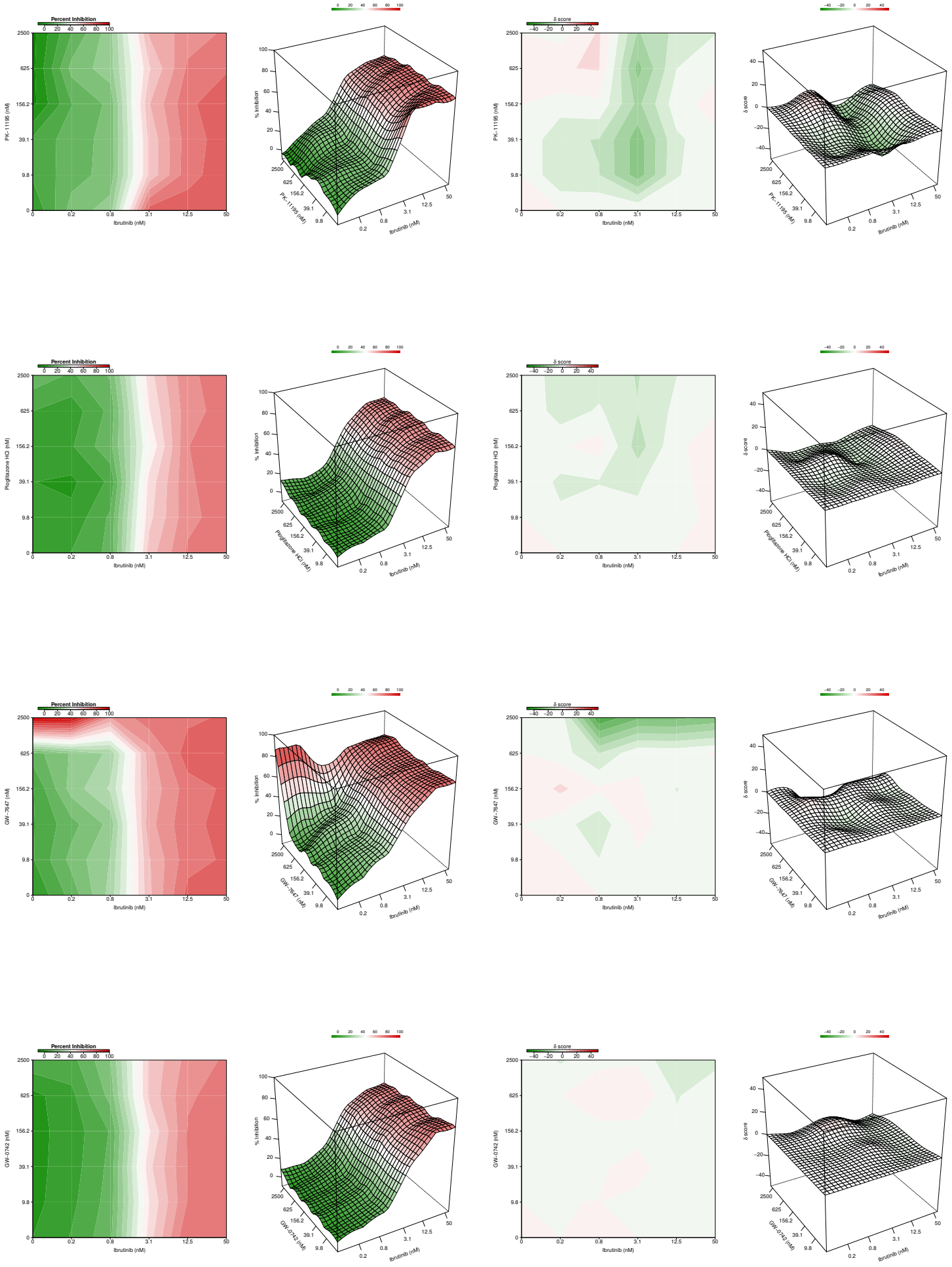

Percent Inhibition
0 20 40 60 80 100
Tipifarnib (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
LG100268 (nM)
AHPN (nM)
AC-261066 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

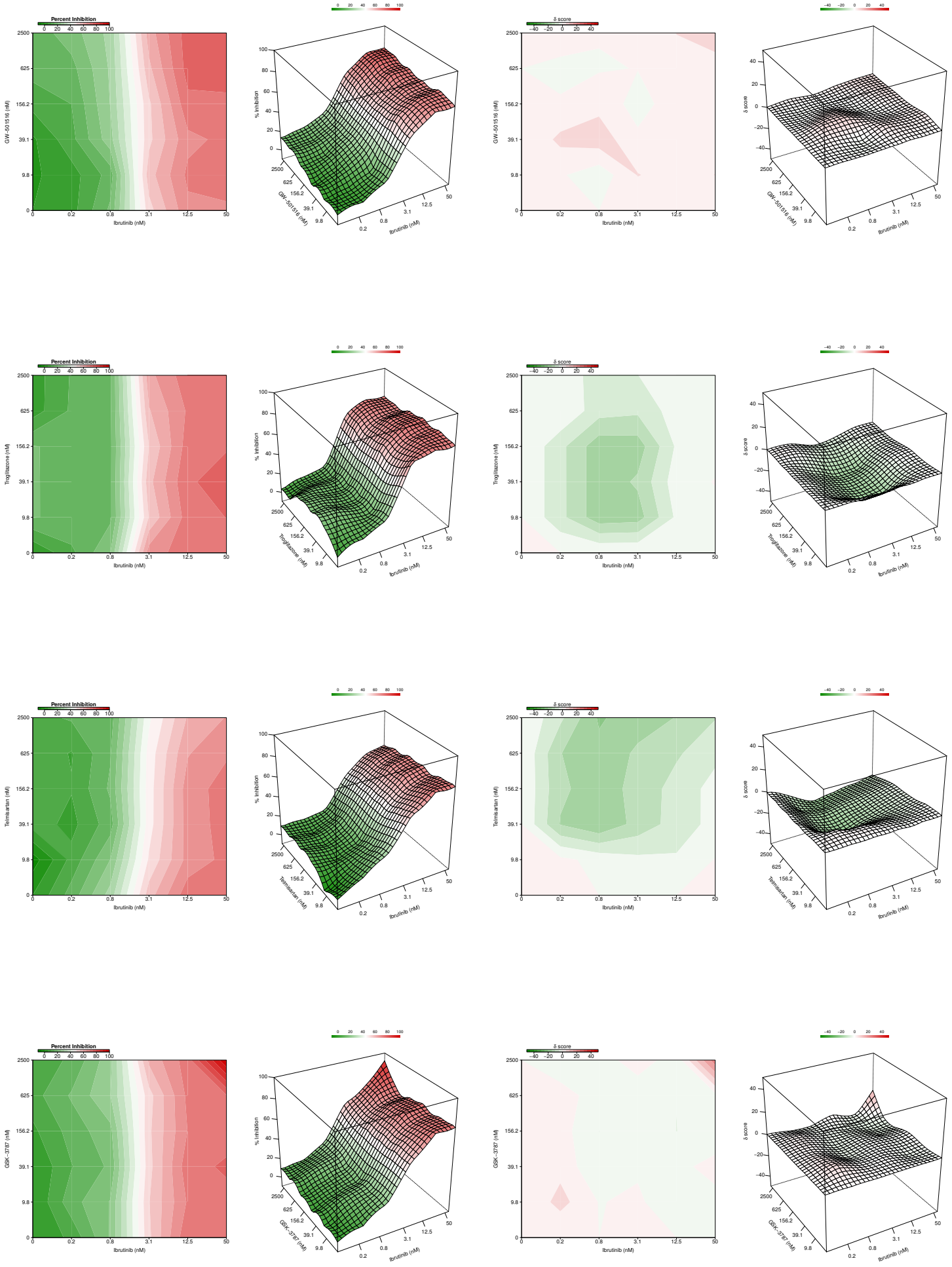

Percent Inhibition
0 20 40 60 80 100
Fenretinide (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Hydrocortisone (nM)
Dexamethasone (nM)
Ceritinib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

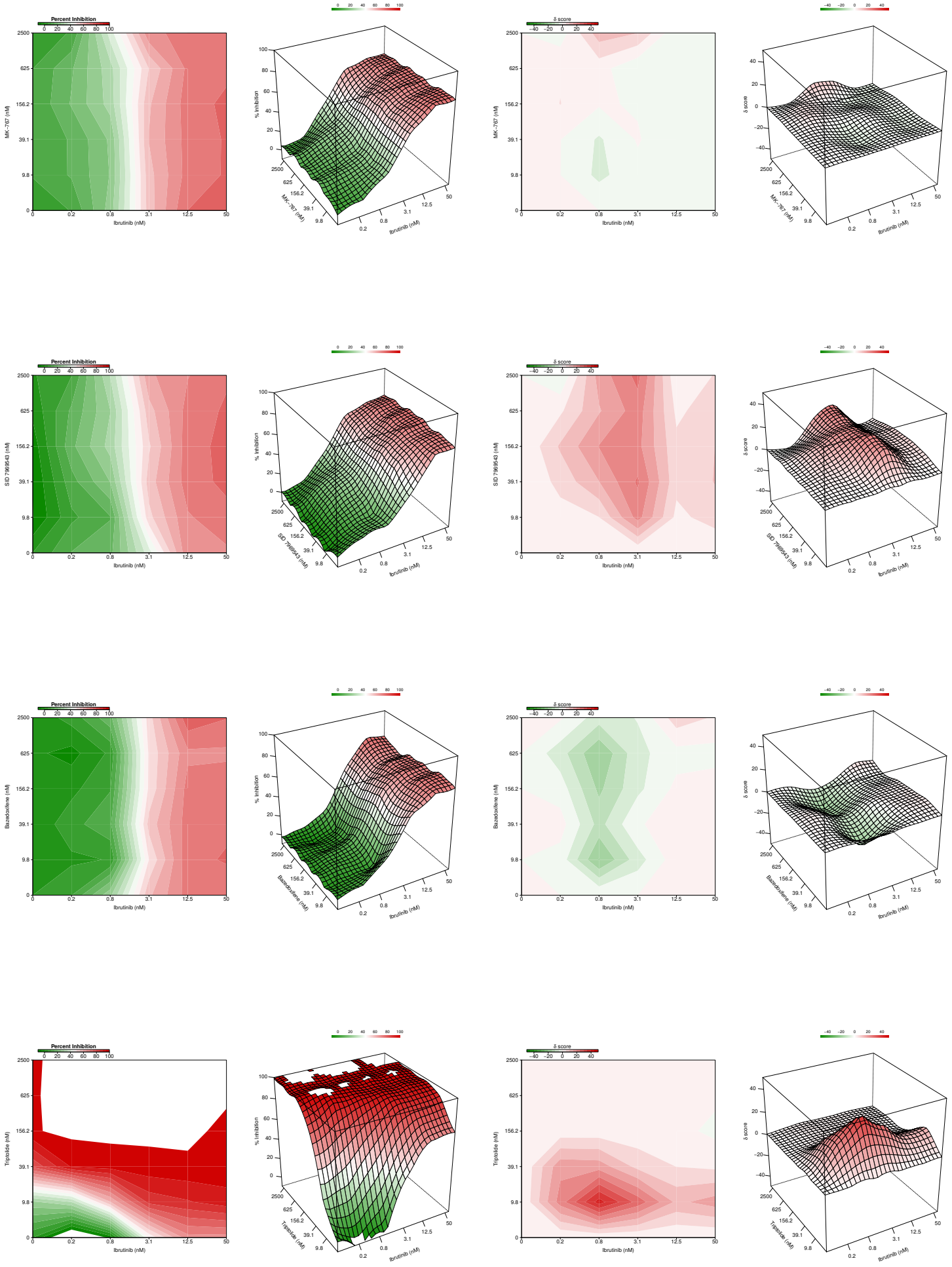

Percent Inhibition
0 20 40 60 80 100
Desacetyl cortivazol (nM)
Abiraterone (nM)
2-Methoxyestradiol (nM)
Quercetine (nM)
Ibrutinib (nM)
0 0.2 0.8 3.1 12.5 50
2500 625 156.2 39.1 9.8 0
% Inhibition
δ score
−40 −20 0 20 40

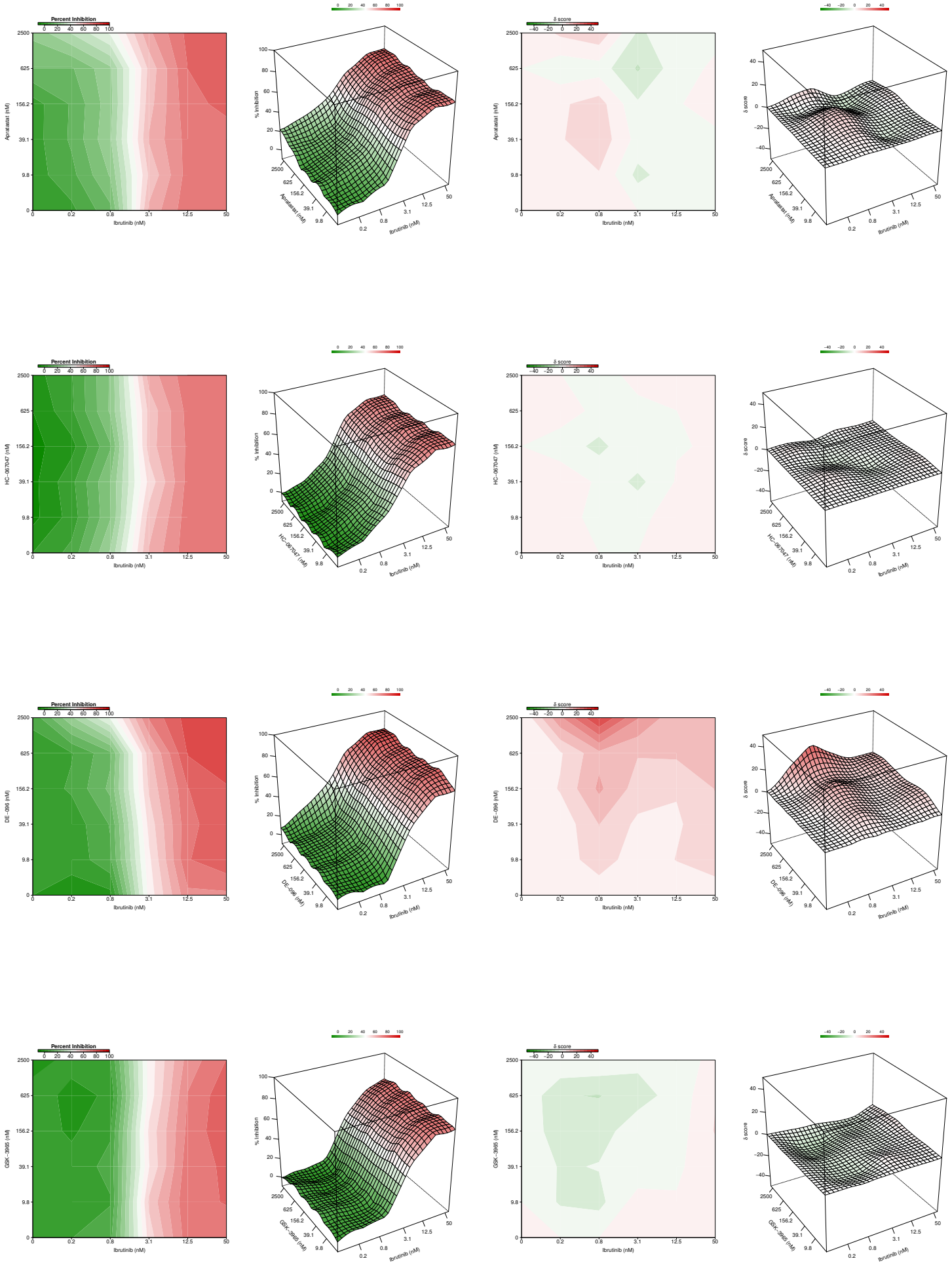

Percent Inhibition
0 20 40 60 80 100
Dovecalcitriol (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
Secocalcitol (nM)
methyl jasmonate (nM)
Bicalutamide (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

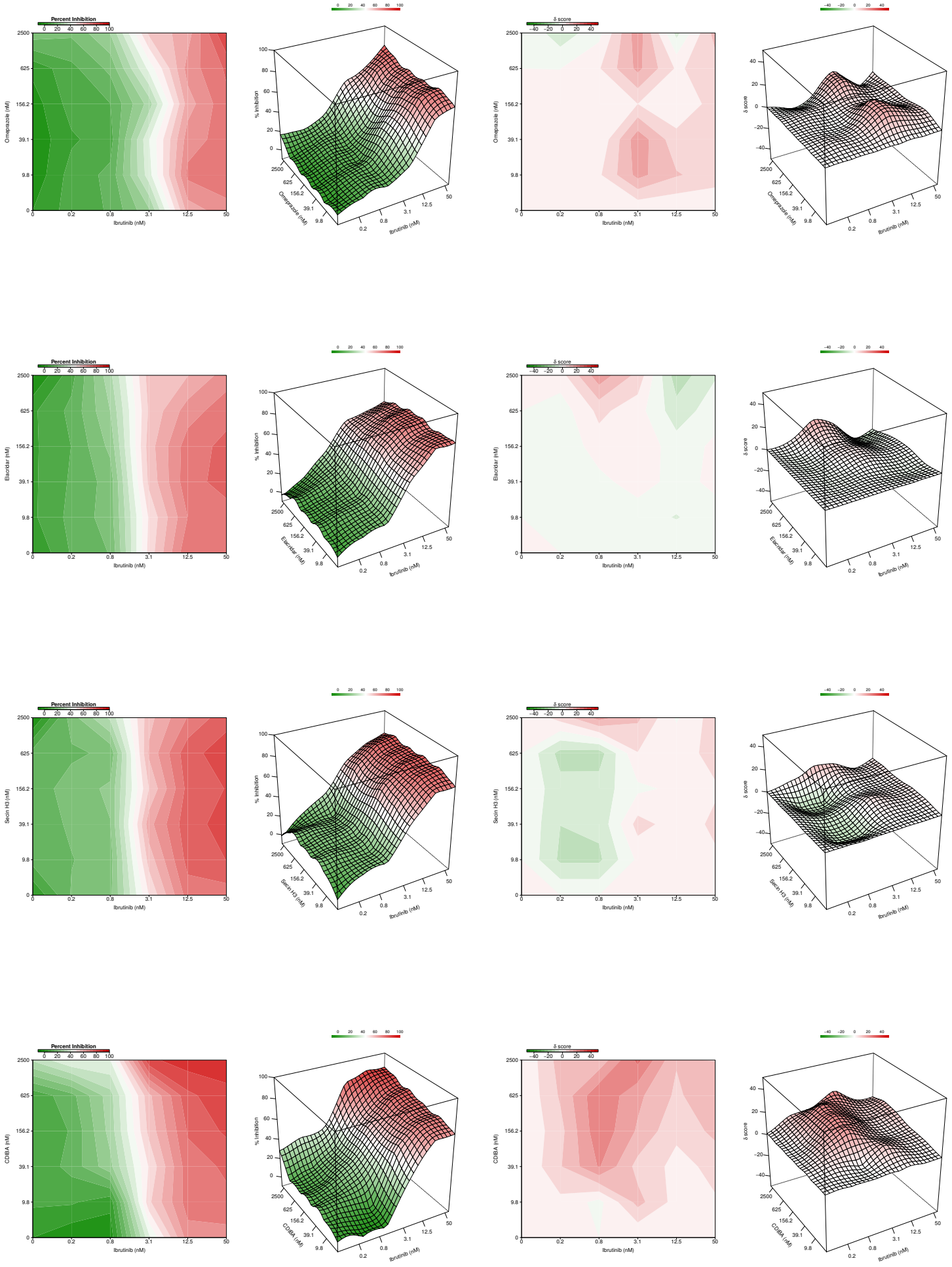

Percent Inhibition
0 20 40 60 80 100
Andarine (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score
MDV-3100 (nM)
RD-162 (nM)
CITCO (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

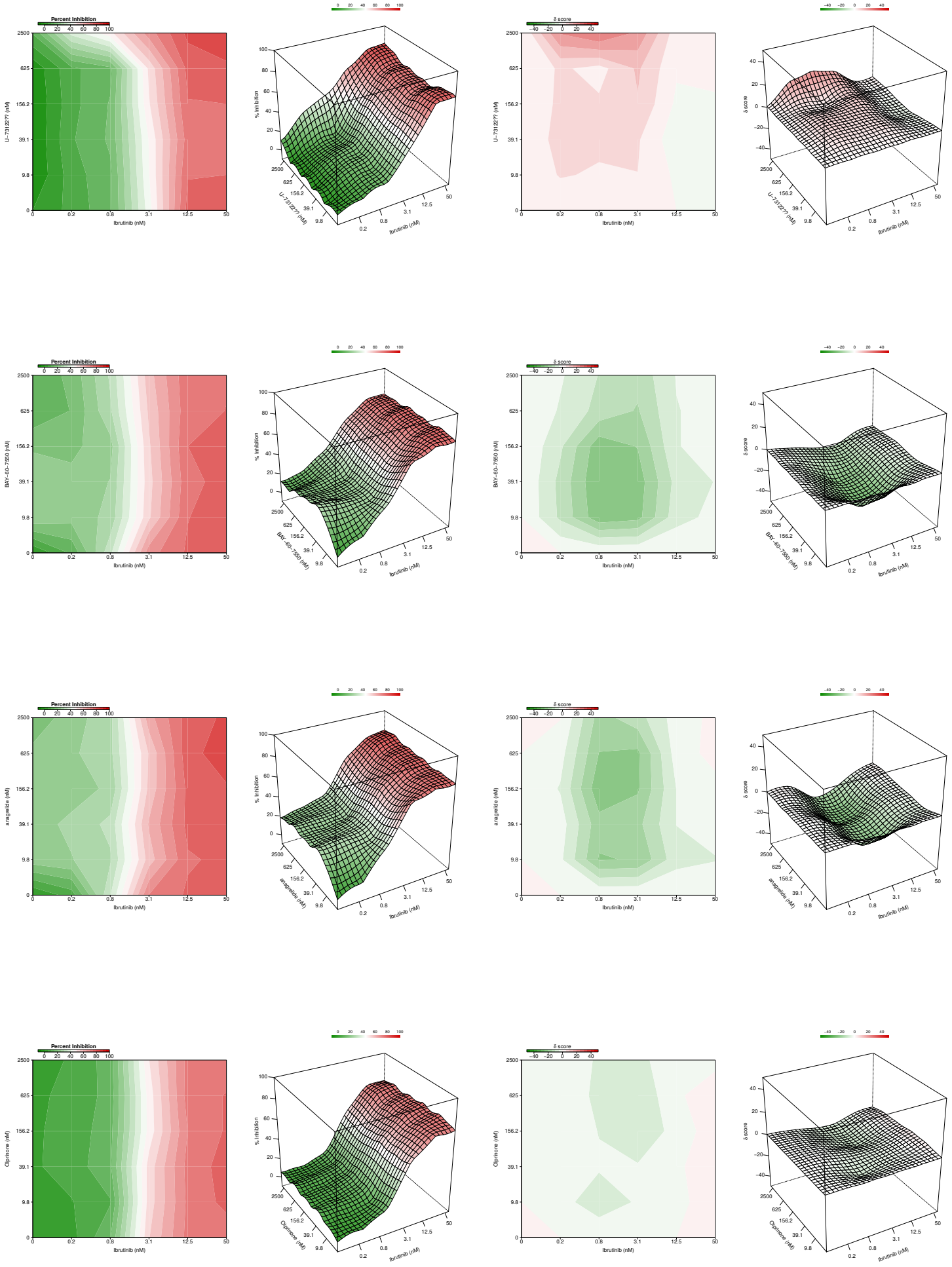

Percent Inhibition
0 20 40 60 80 100
PK-11195 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Pioglitazone HCl (nM)
GW-7647 (nM)
GW-0742 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

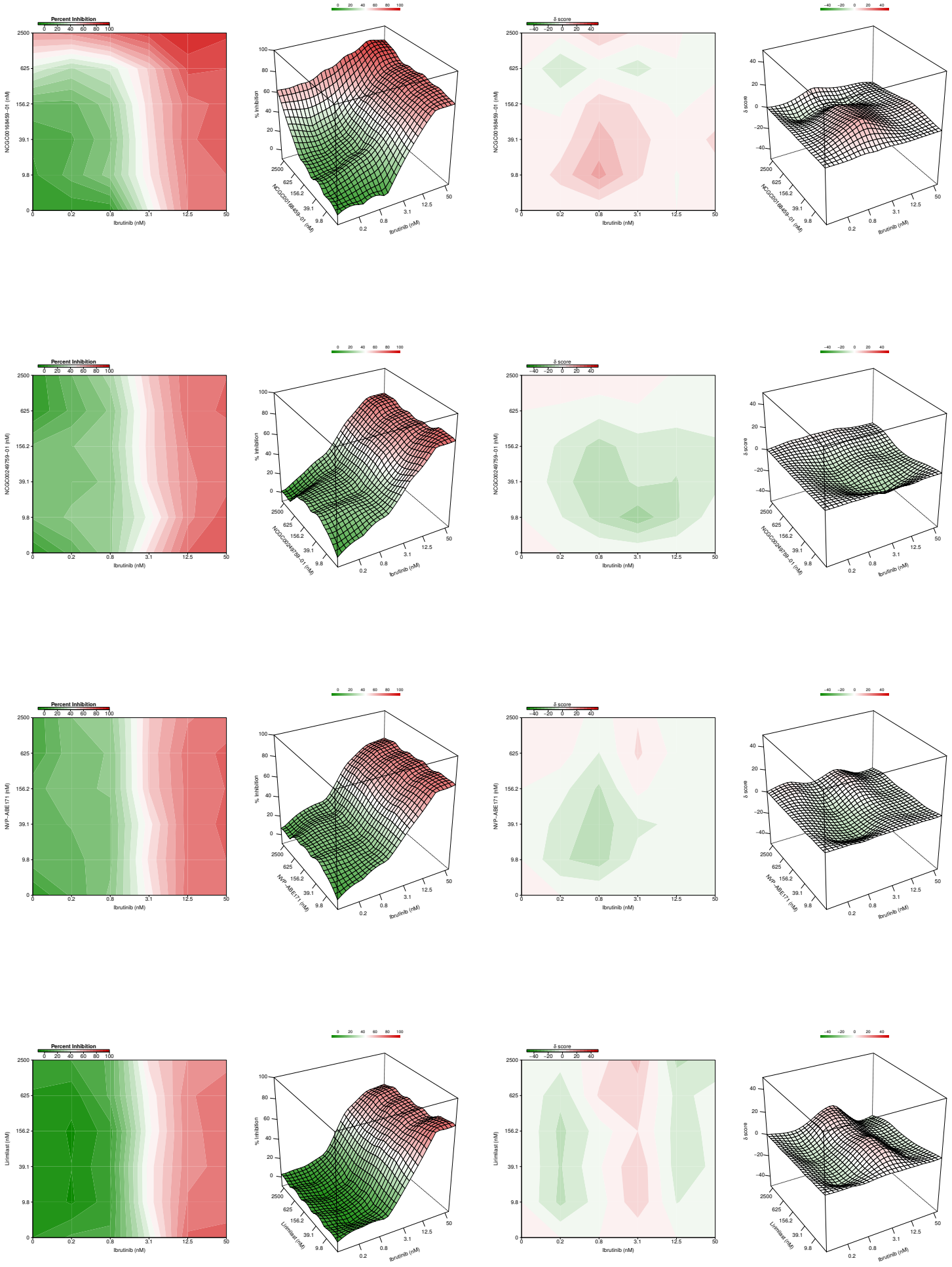

Percent Inhibition
0 20 40 60 80 100
GW-501516 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Troglitazone (nM)
Telmisartan (nM)
GSK-3787 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

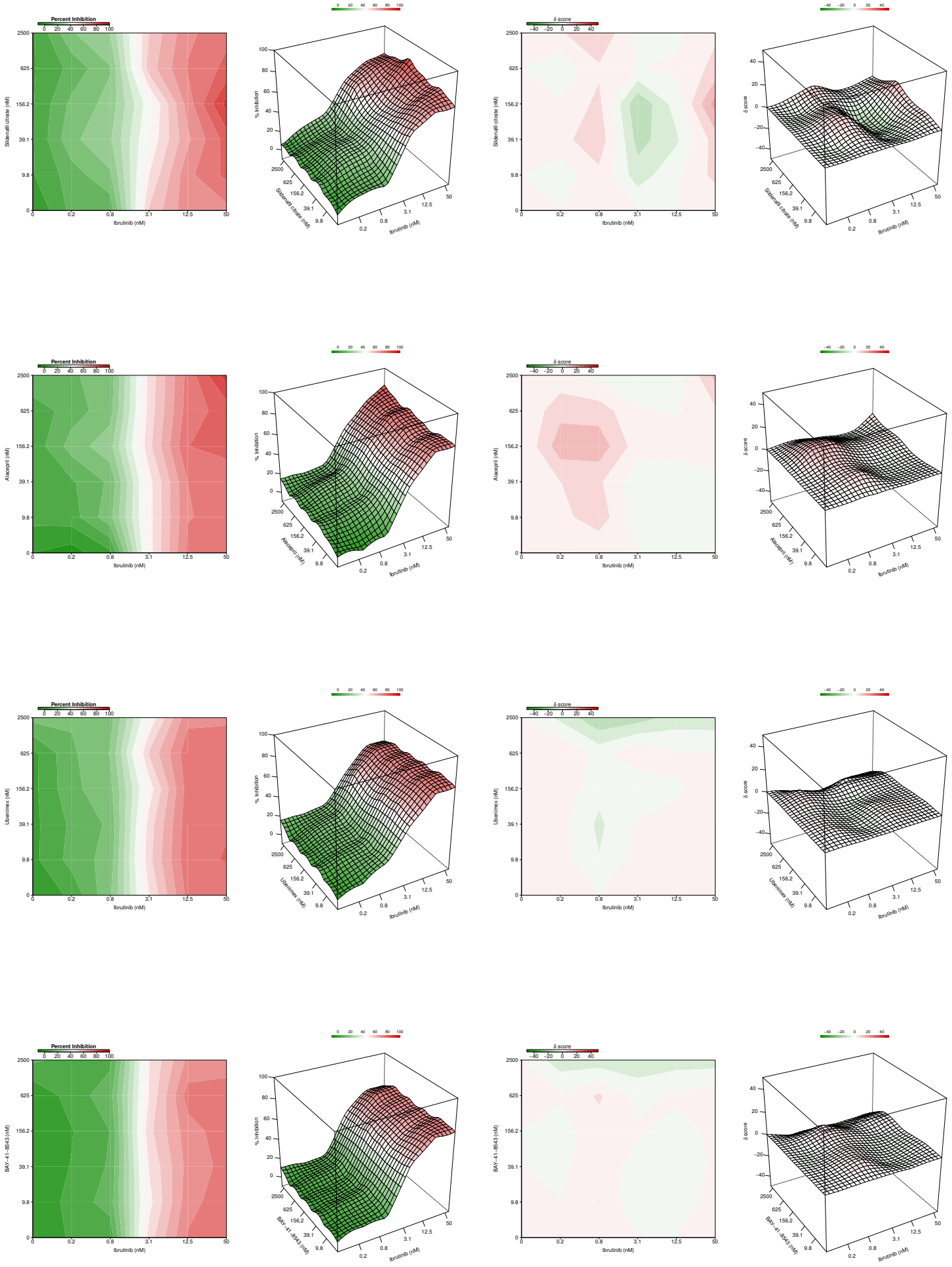

Percent Inhibition
0 20 40 60 80 100
MK-767 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
SID 7969543 (nM)
Bazedoxifene (nM)
Triptolide (nM)

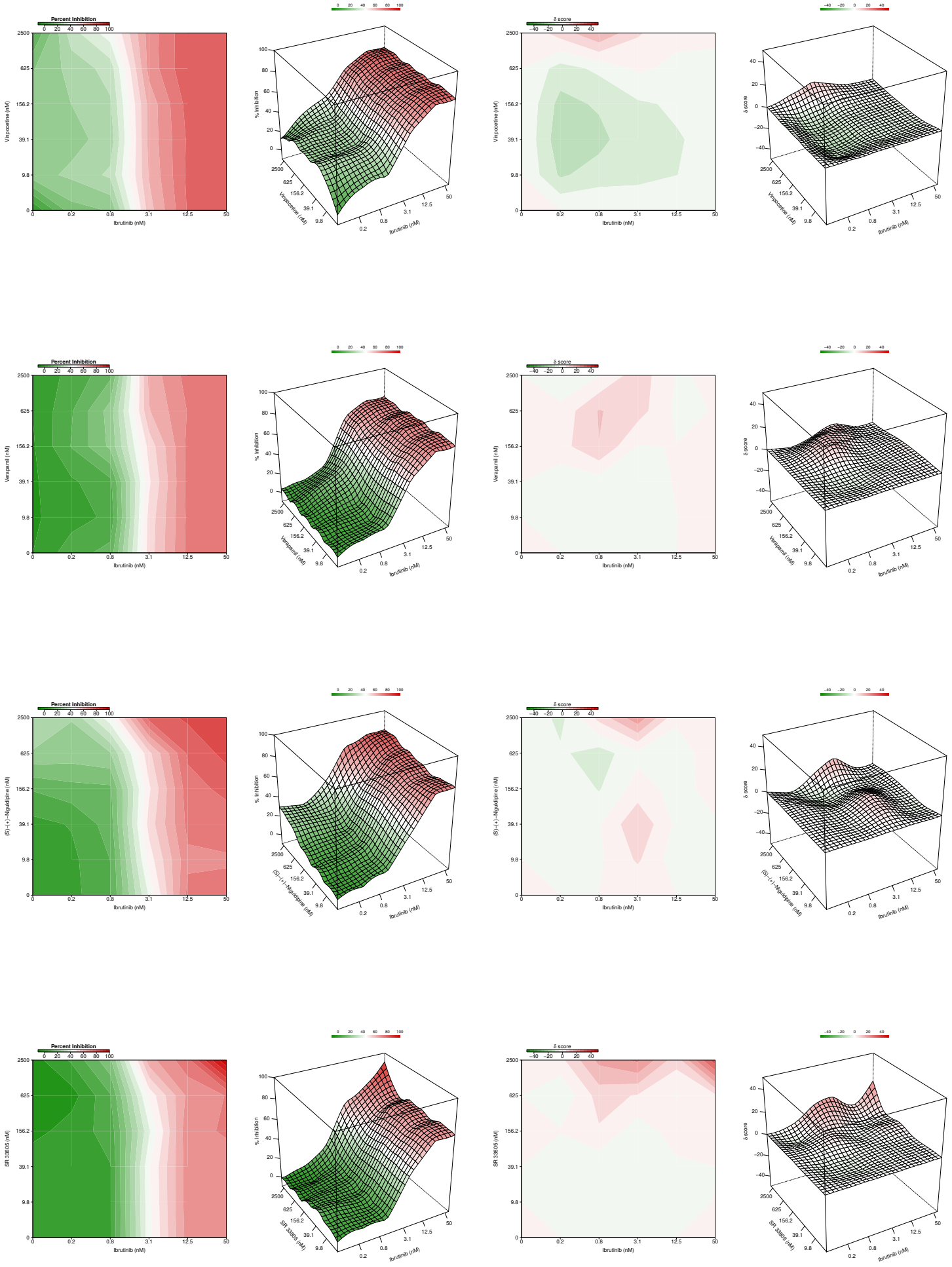

Percent Inhibition
0 20 40 60 80 100
Apratasat (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
HC-067047 (nM)
DE-096 (nM)
GSK-3965 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

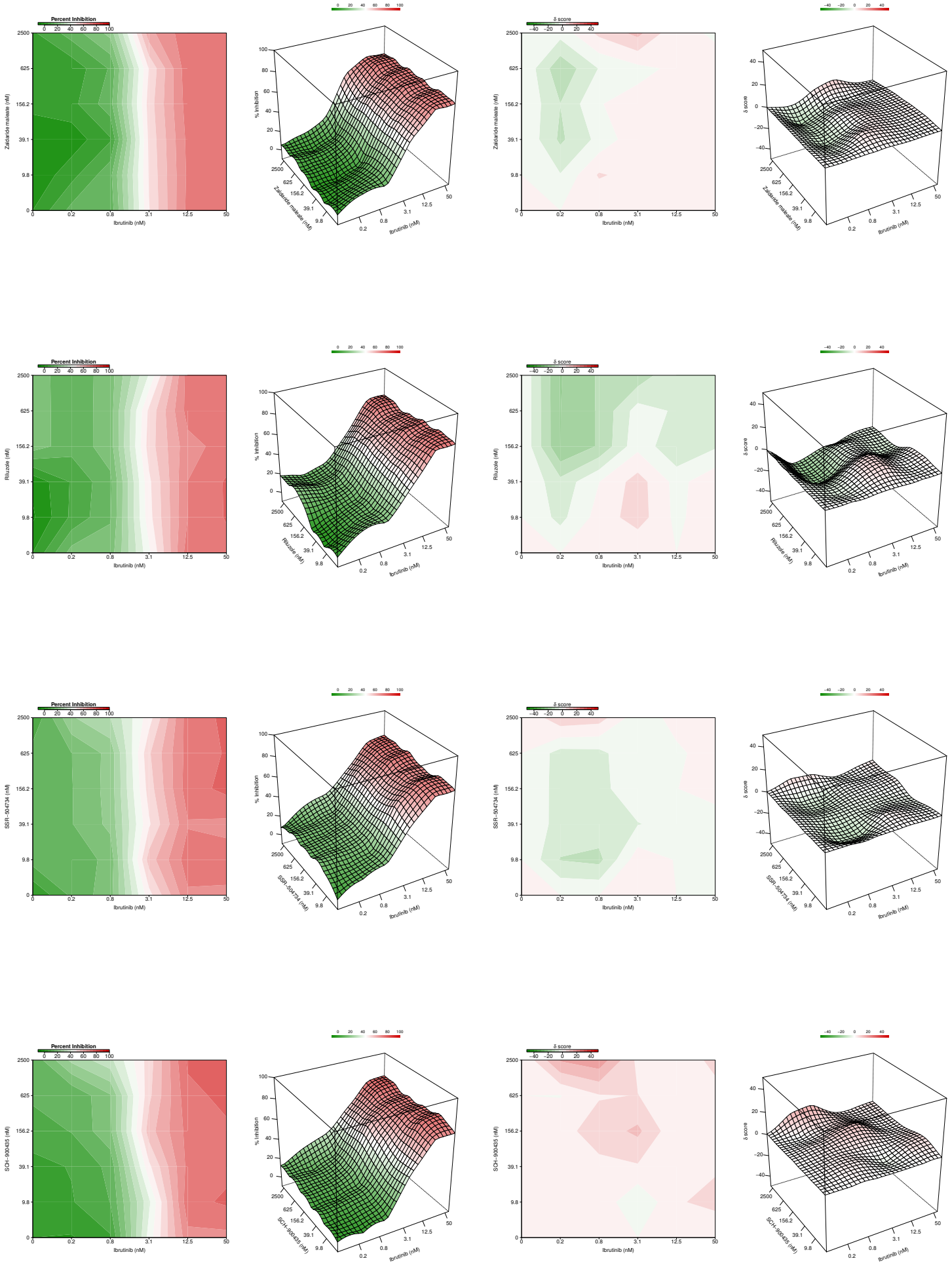

Percent Inhibition
0 20 40 60 80 100
Omeprazole (nM)
Elacridar (nM)
Secin H3 (nM)
CDBA (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

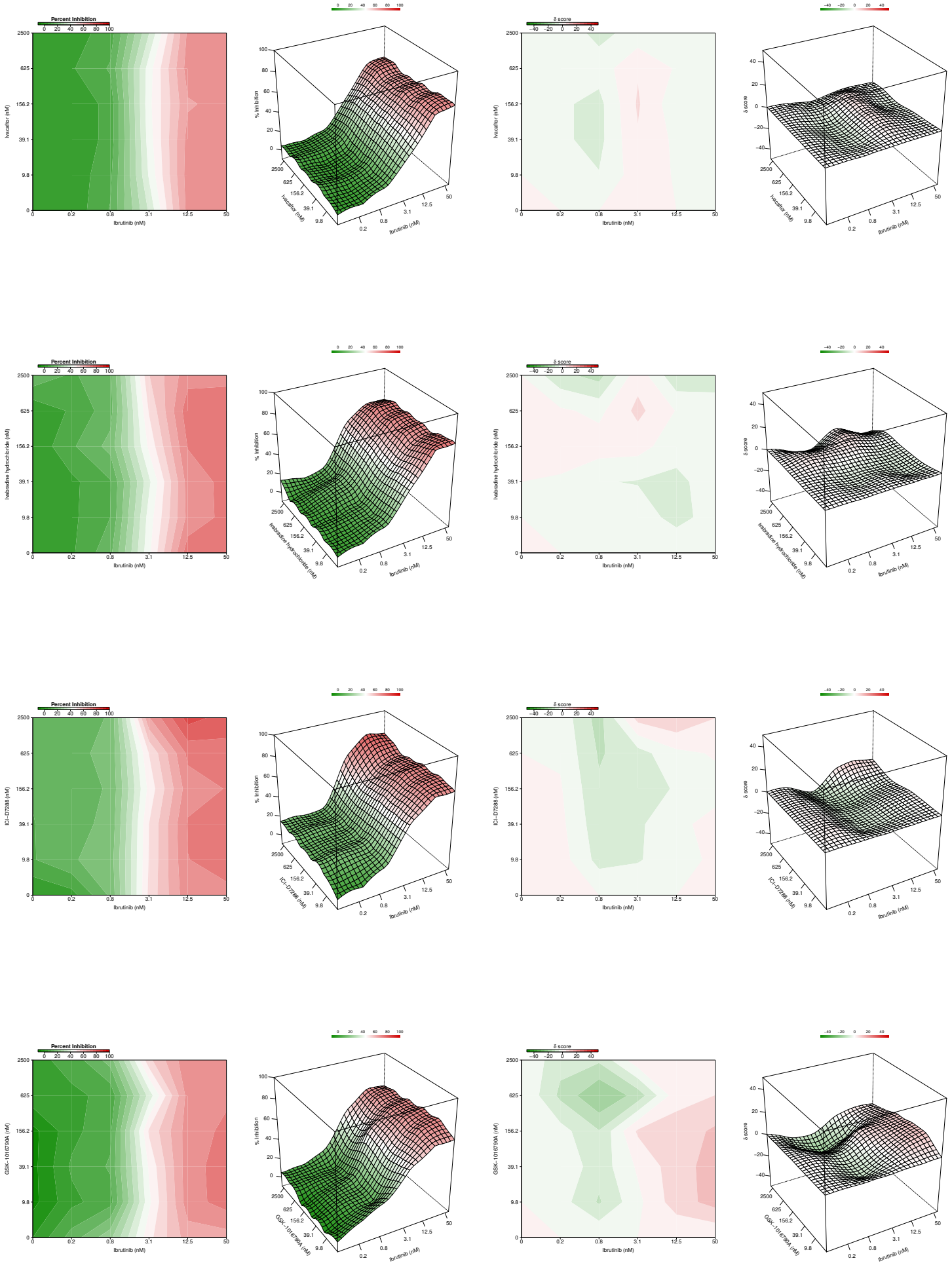

Percent Inhibition
0 20 40 60 80 100
U-73122?? (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
BAY-60-7550 (nM)
anagrelide (nM)
Olprinone (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

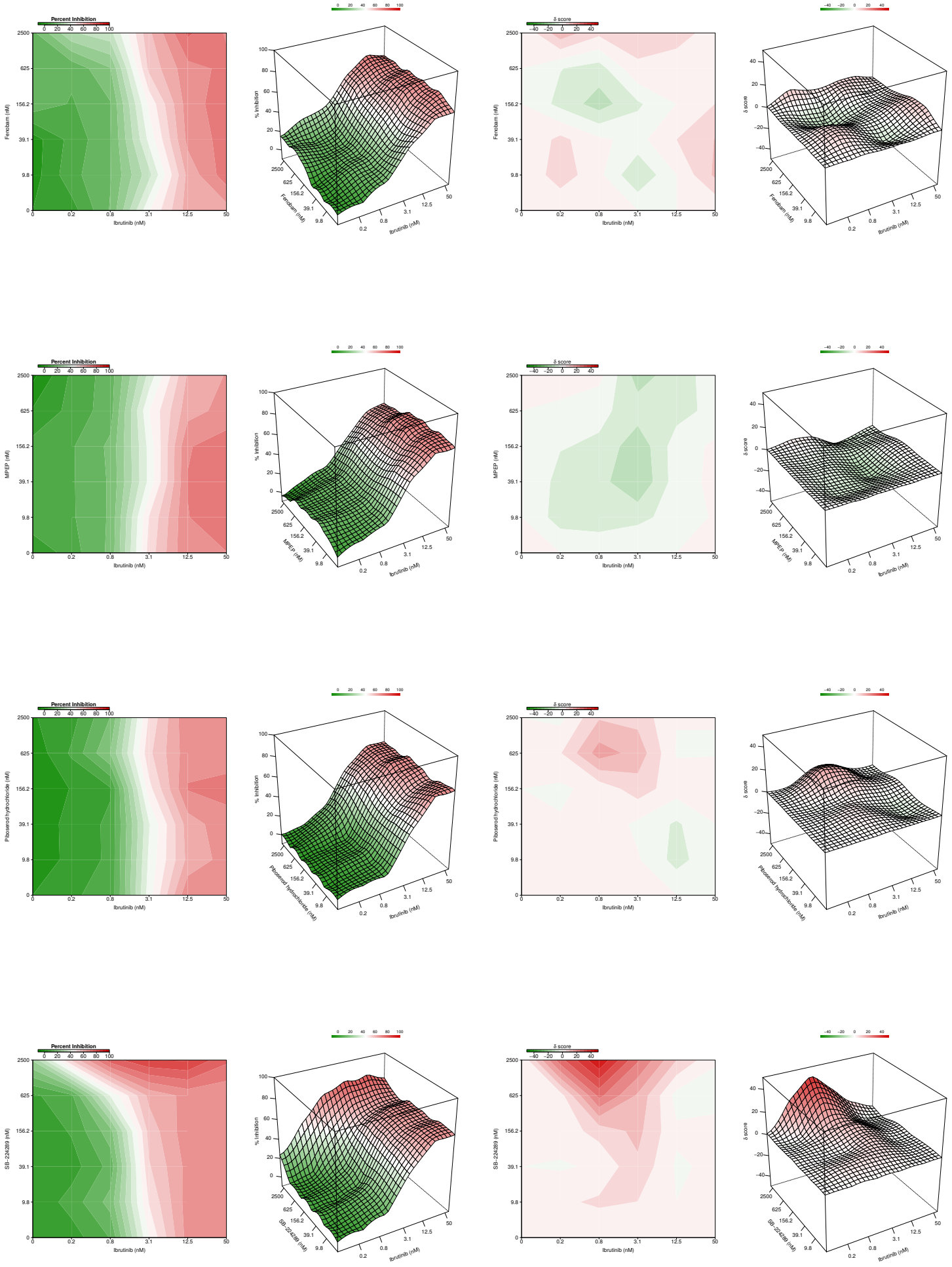

Percent Inhibition
0 20 40 60 80 100
% Inhibition
δ score
−40 −20 0 20 40
NCGC00168459-01 (nM)
NCGC00249759-01 (nM)
NVP-ABE171 (nM)
Linrilast (nM)
Ibrutinib (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

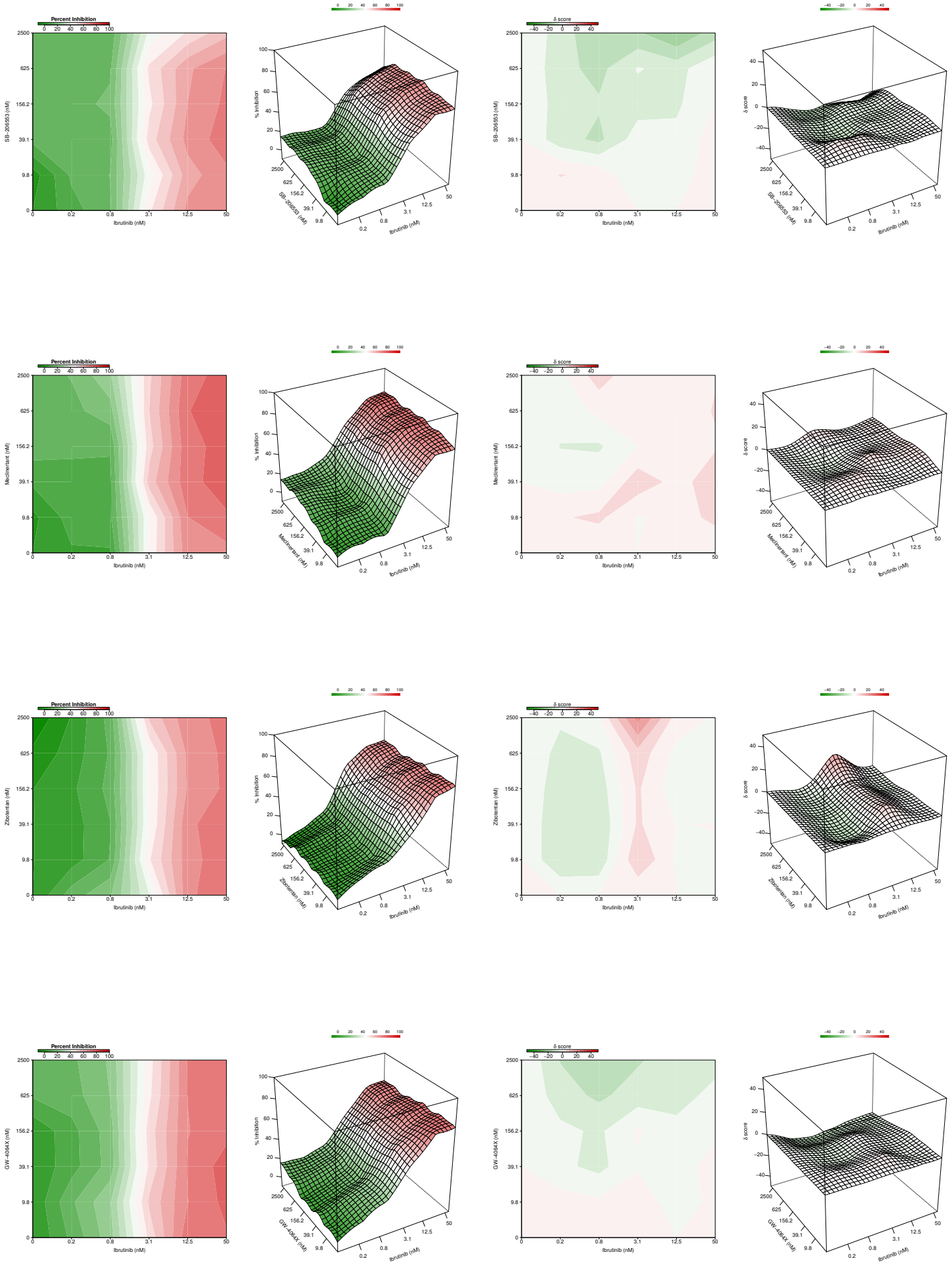

Percent Inhibition
0 20 40 60 80 100
Sildenafil citrate (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
Aliscepril (nM)
Ubenimex (nM)
BAY−41−8543 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

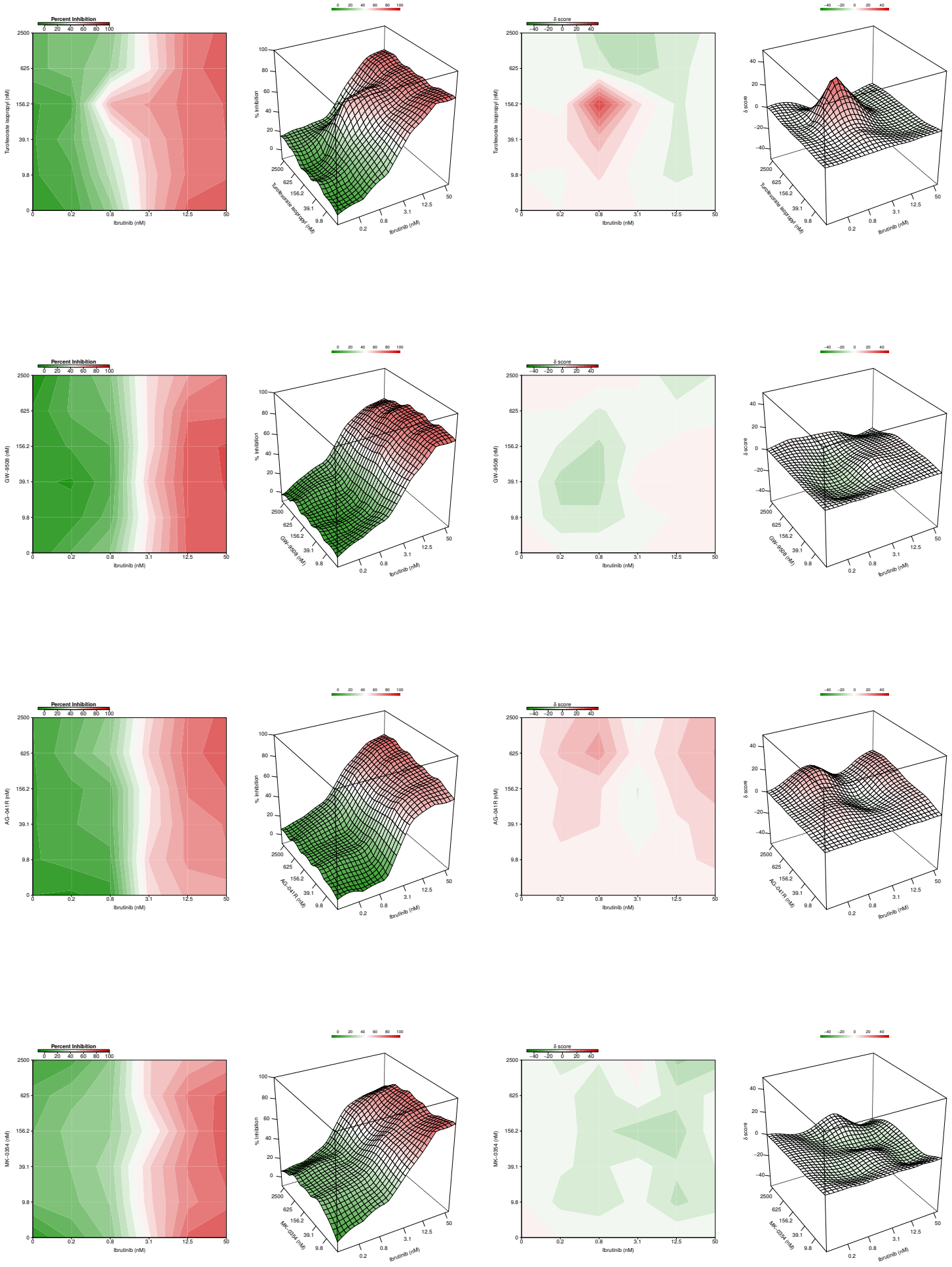

Percent Inhibition
0 20 40 60 80 100
Vinpocetine (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Verapamil (nM)
(S)-(-)-Nguldipine (nM)
SR 33805 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

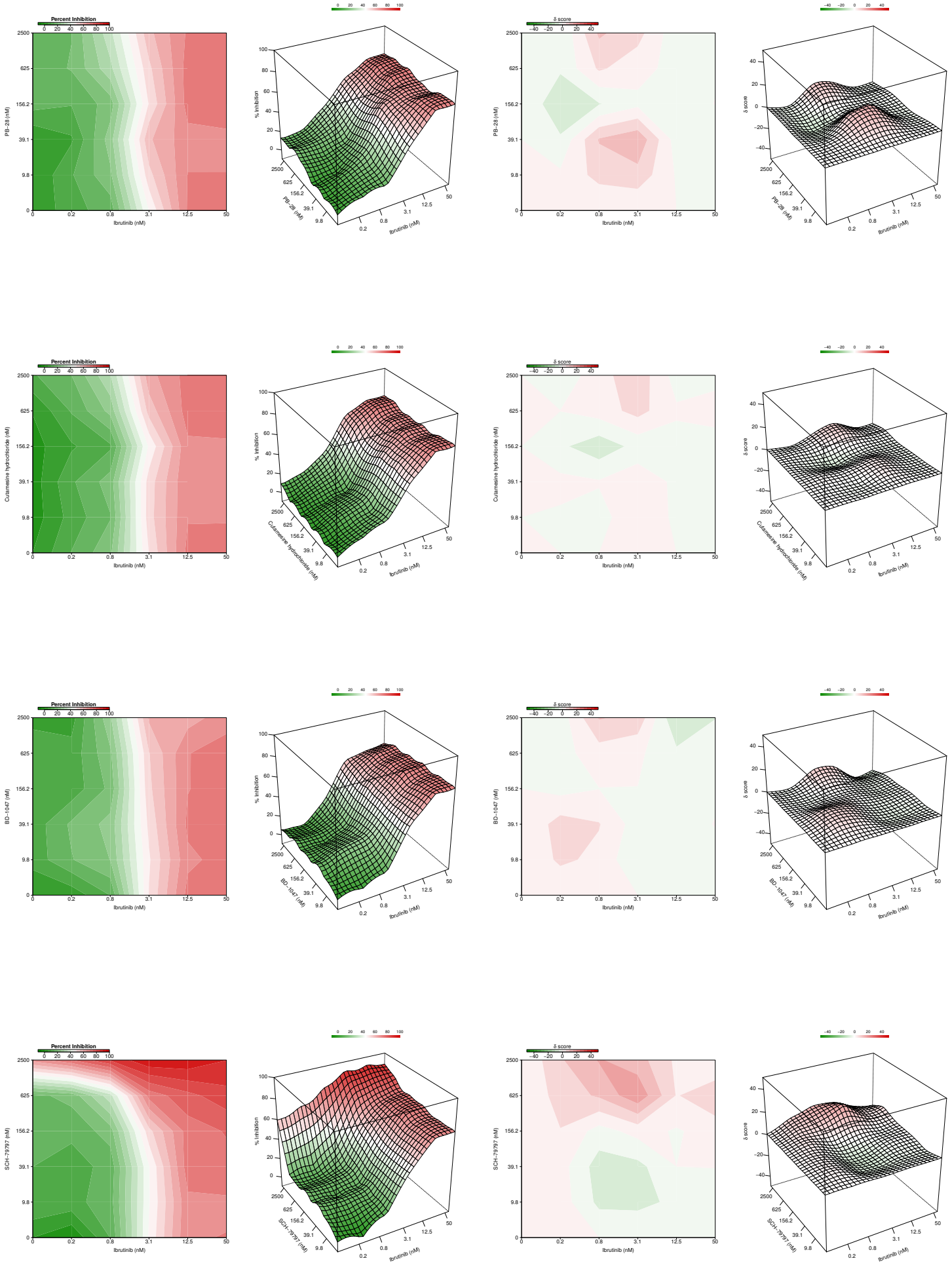

Percent Inhibition
0 20 40 60 80 100
Zadaxide maleate (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
Riluzole (nM)
SSR-504734 (nM)
SCH-900435 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

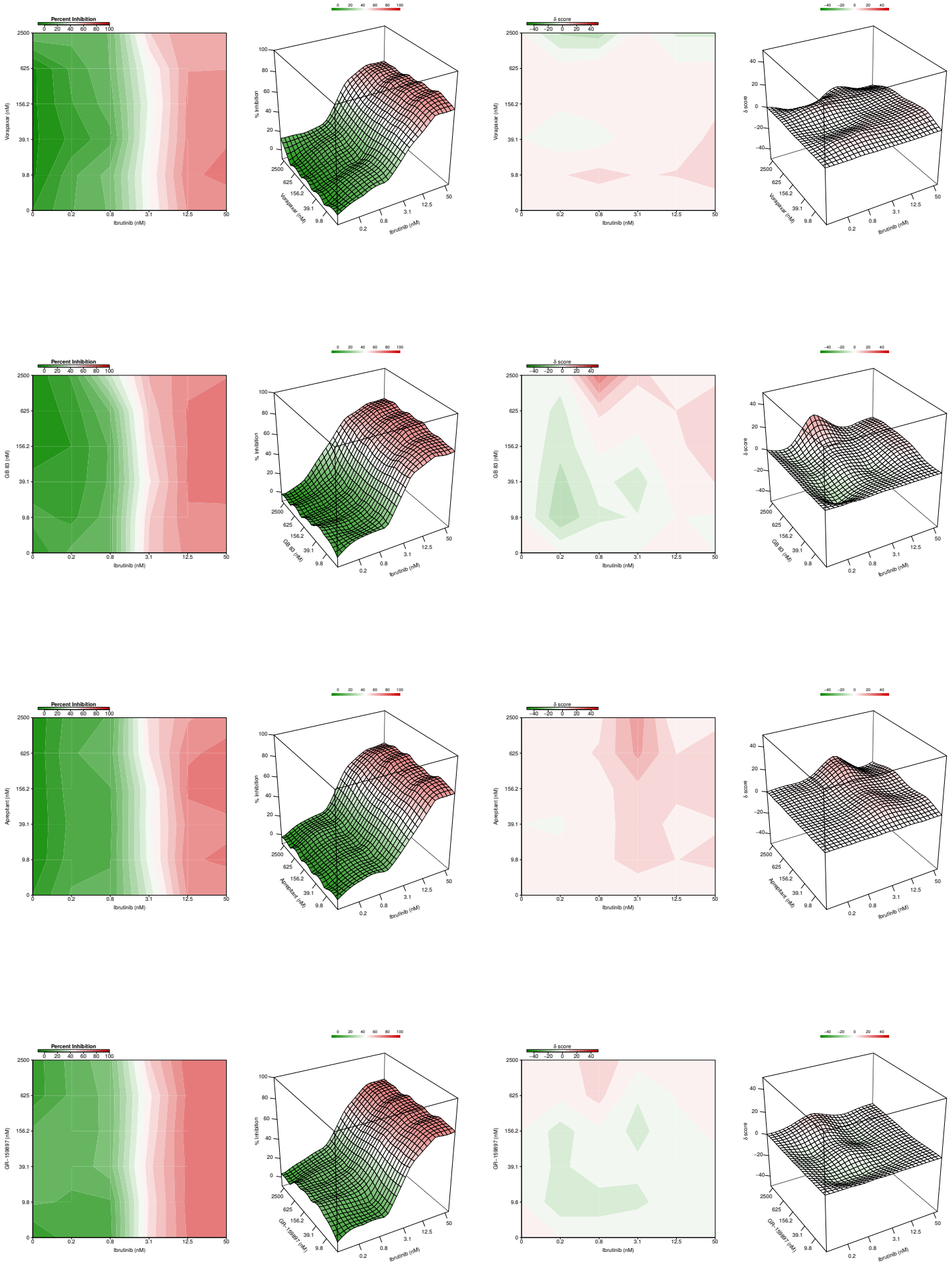

Percent Inhibition
0 20 40 60 80 100
Ivacaftor (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Ivabradine hydrochloride (nM)
ICI-D7288 (nM)
GSK-1016790A (nM)

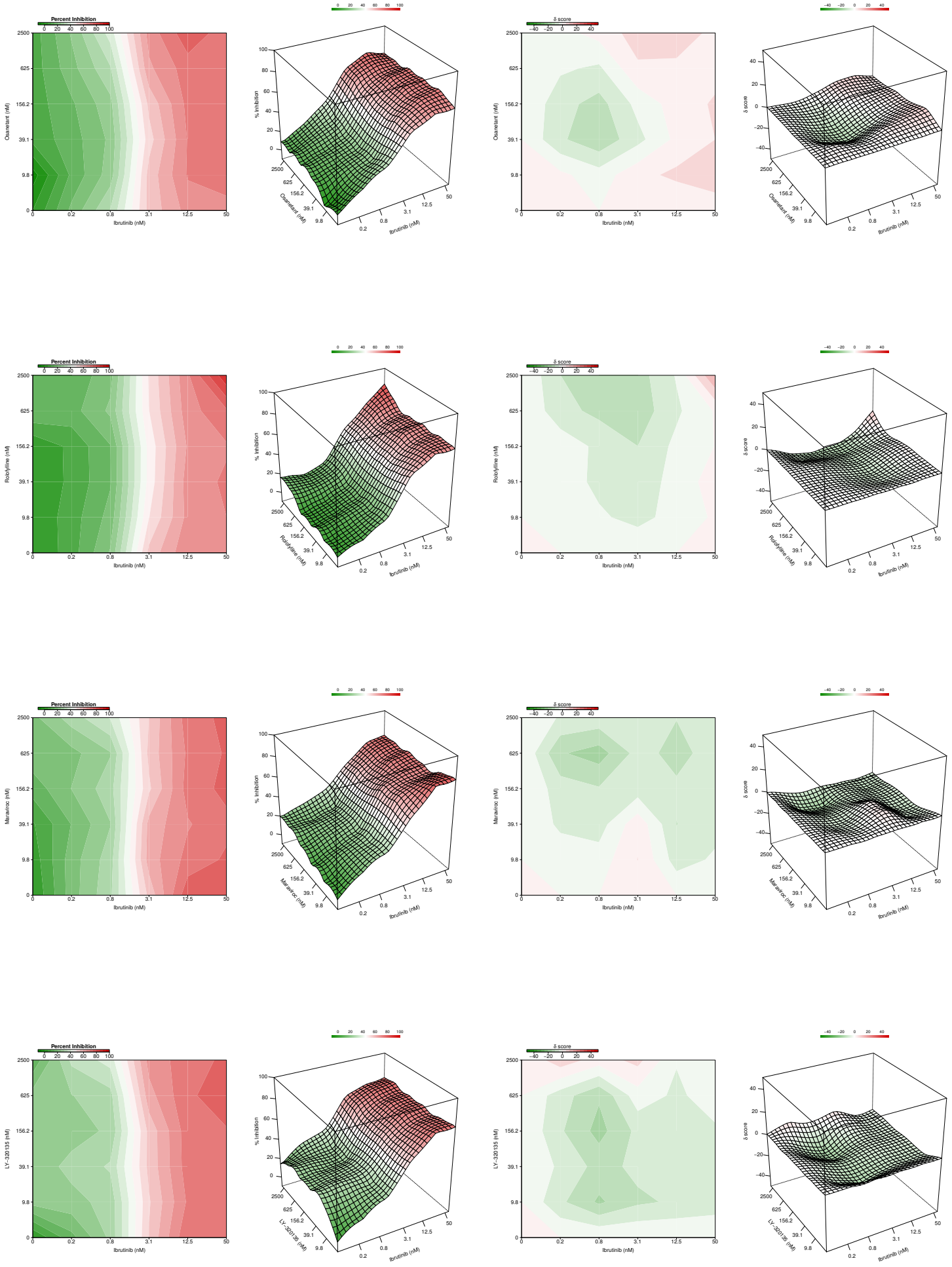

Percent Inhibition
0 20 40 60 80 100
Fenobam (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
MPEP (nM)
Piboserod hydrochloride (nM)
SB-224289 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

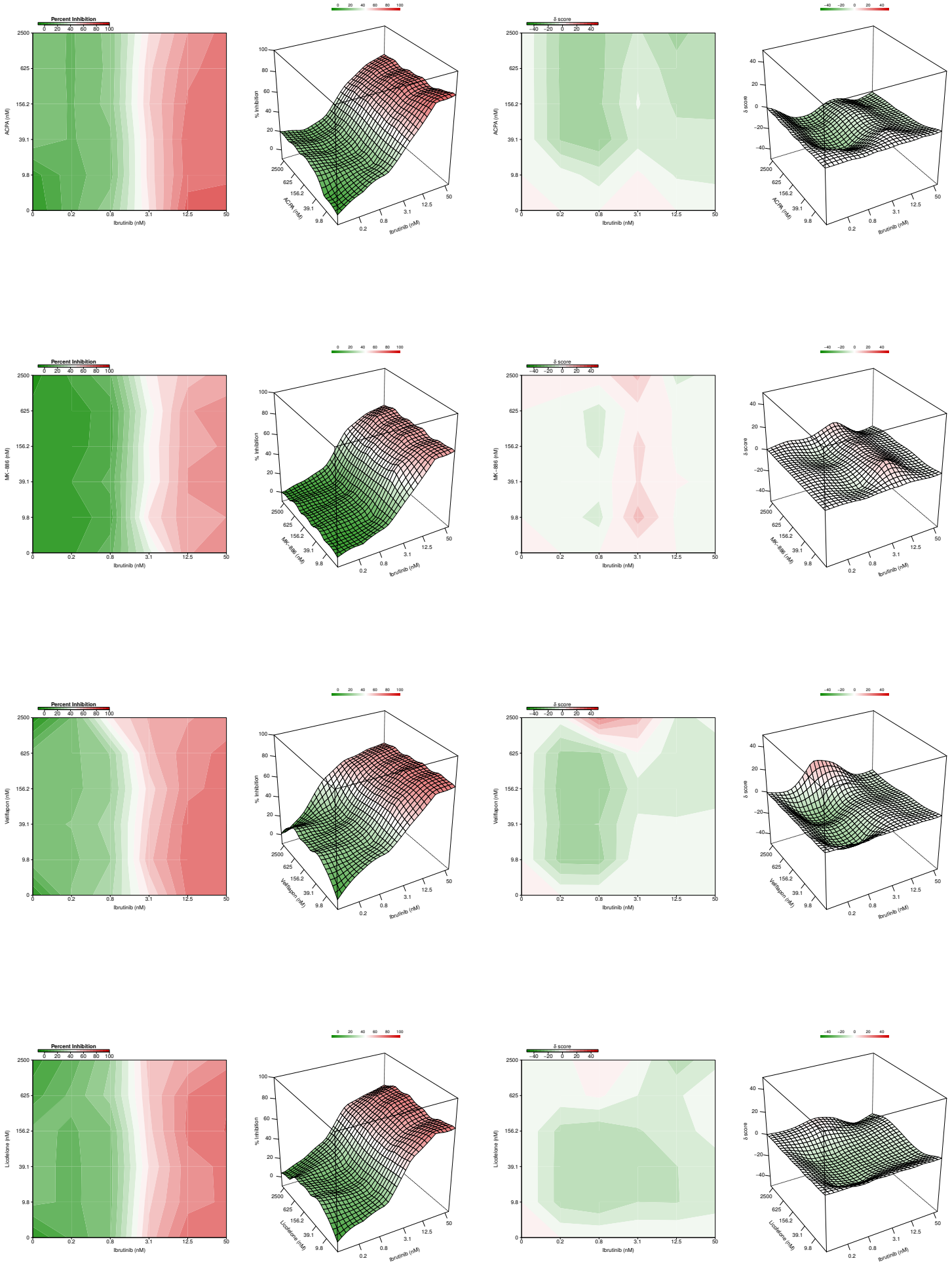

Percent Inhibition
0 20 40 60 80 100
SB-206553 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Medinemant (nM)
Zibotentan (nM)
GW-4064X (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

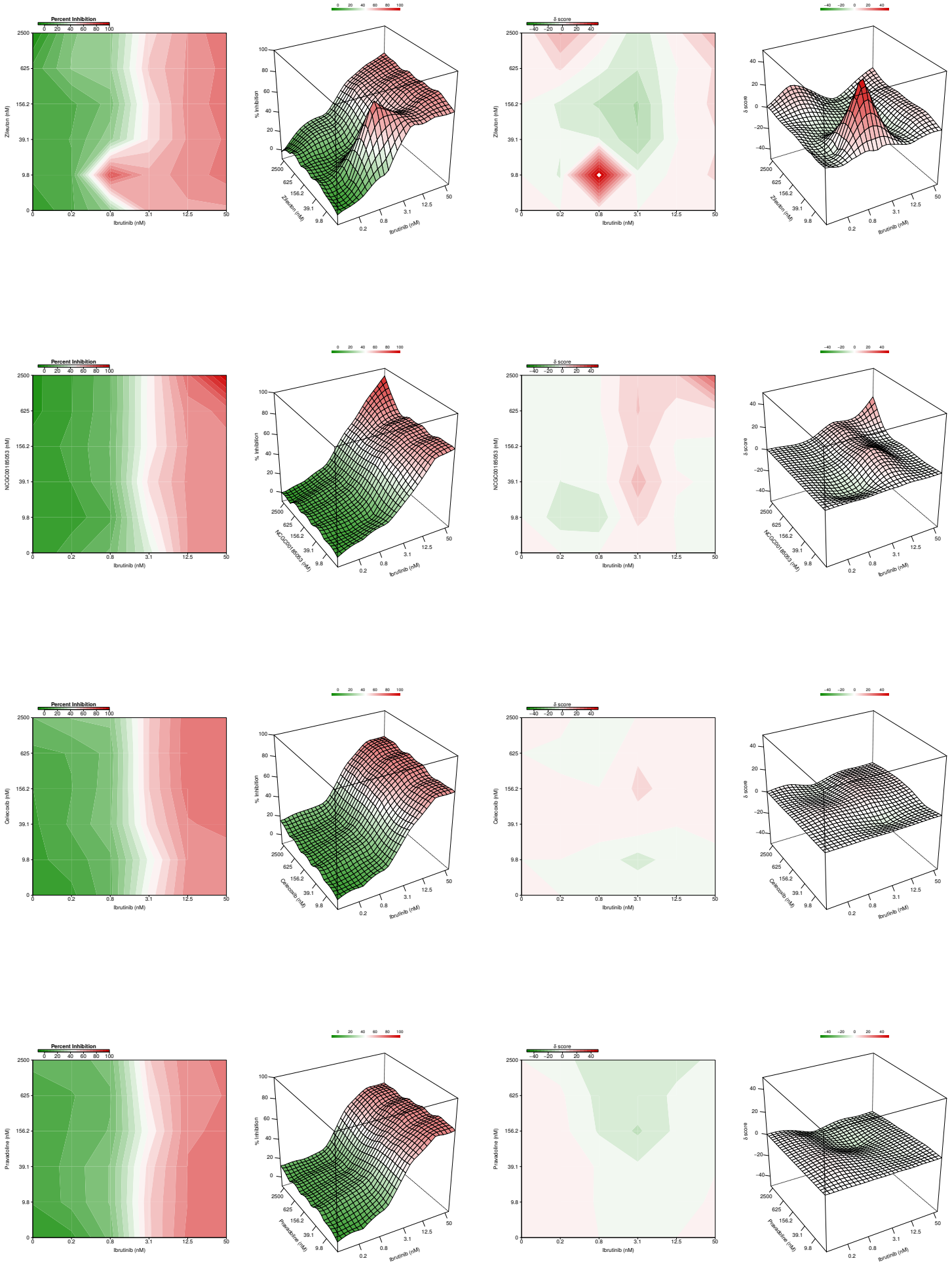

Percent Inhibition
0 20 40 60 80 100
Turofexorate isopropyl (nM)
2500
625
156.2
39.1
9.8
0
0 0.2 0.8 3.1 12.5 50
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
GW-9508 (nM)
AG-041R (nM)
MK-0354 (nM)

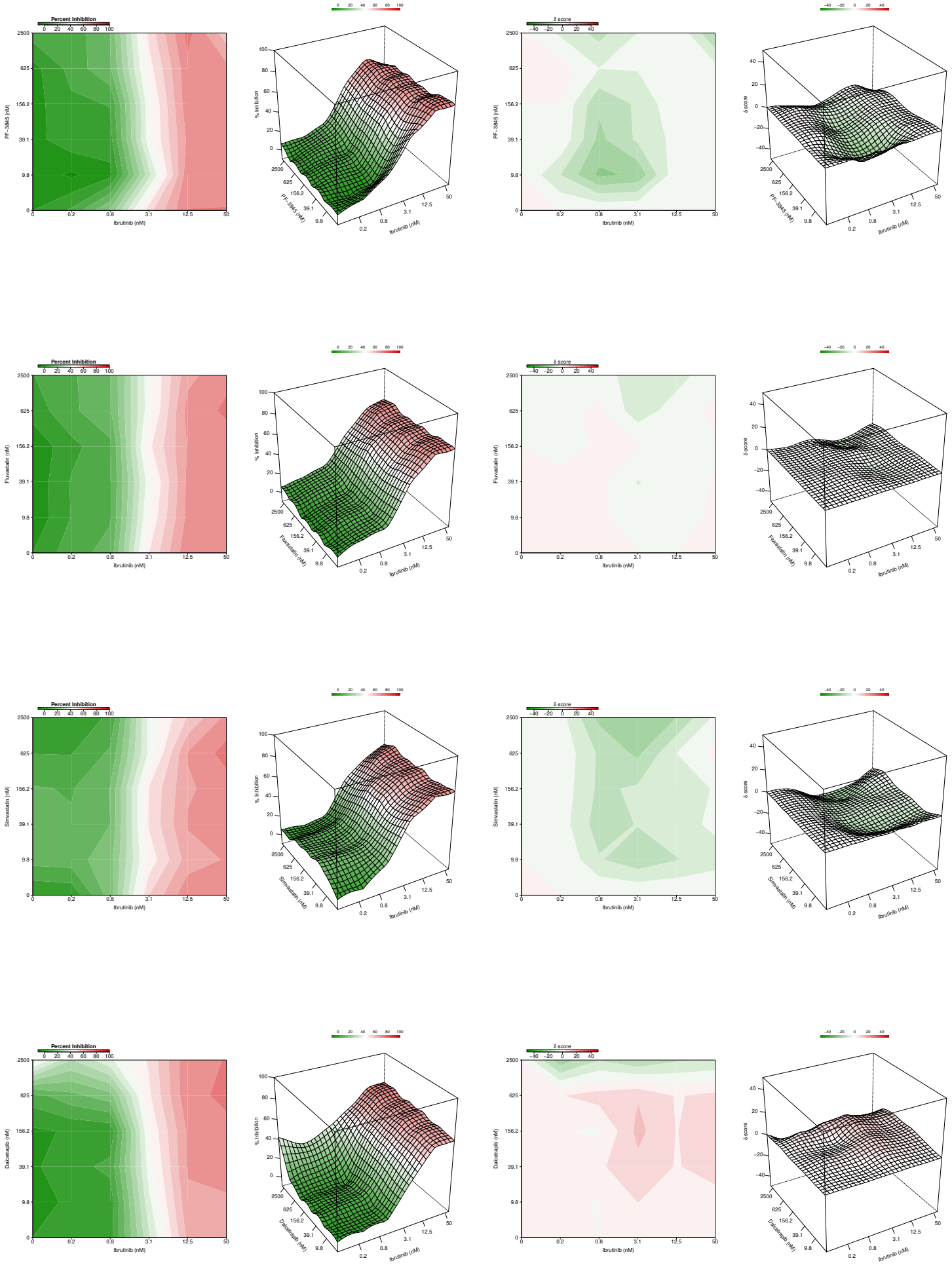

Percent Inhibition
0 20 40 60 80 100
PB-28 (nM)
Cutamesine hydrochloride (nM)
BD-1047 (nM)
SCH-79797 (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40

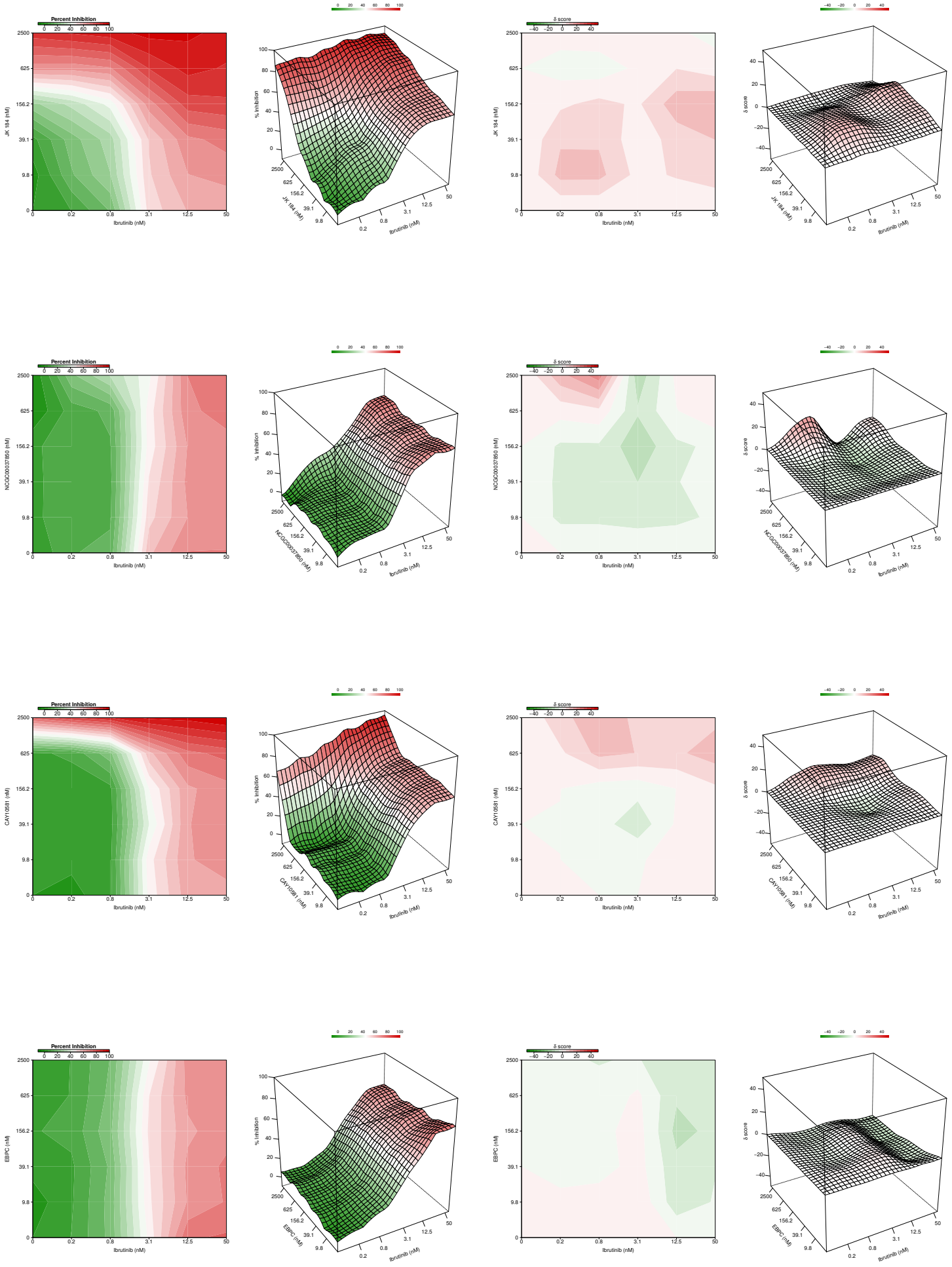

Percent Inhibition
0 20 40 60 80 100
Vorapaxar (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
GB 83 (nM)
Apepitant (nM)
GR−159897 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

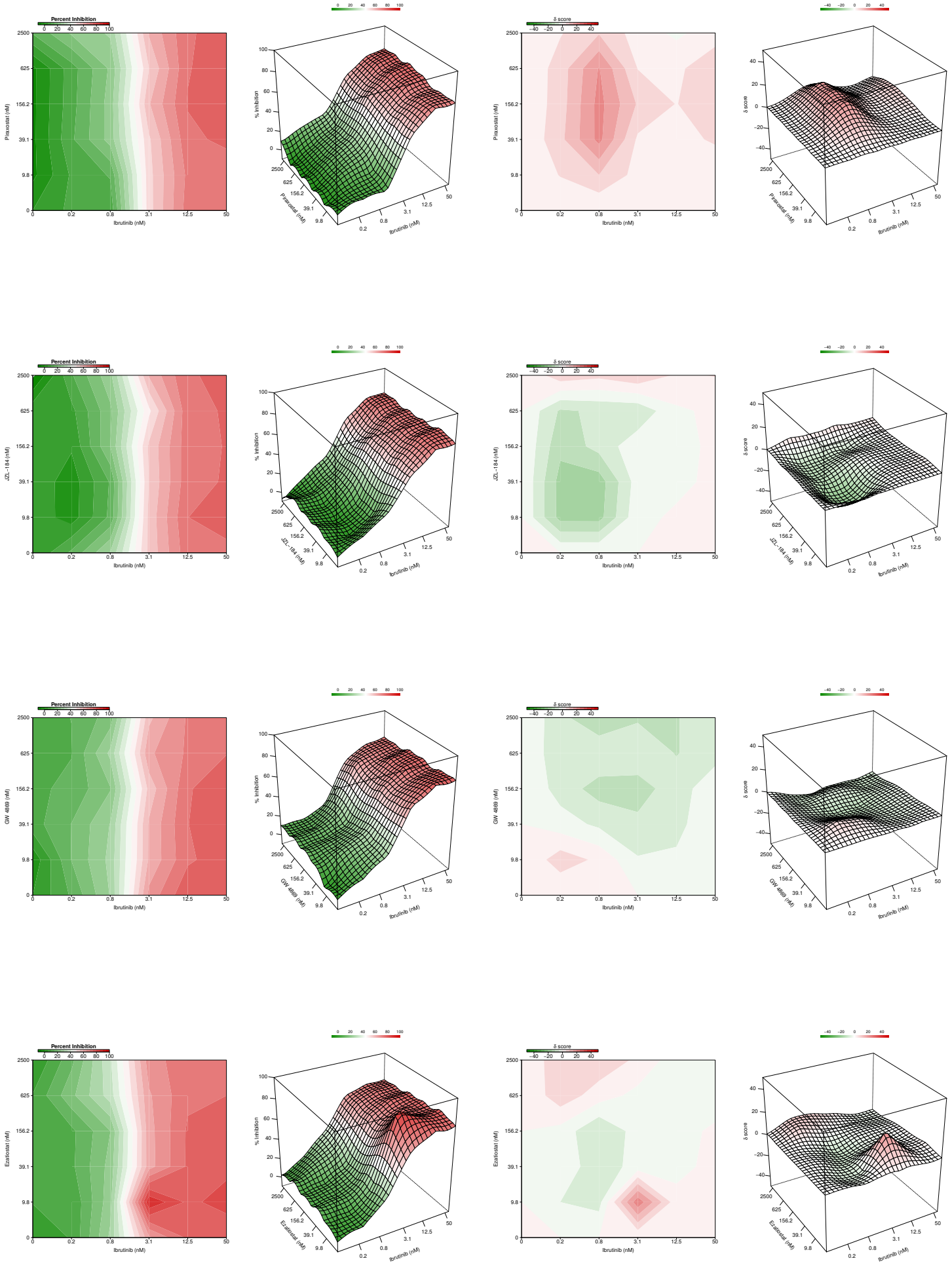

Percent Inhibition
0 20 40 60 80 100
Osanetant (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Robtyline (nM)
Maraviroc (nM)
LY-320135 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

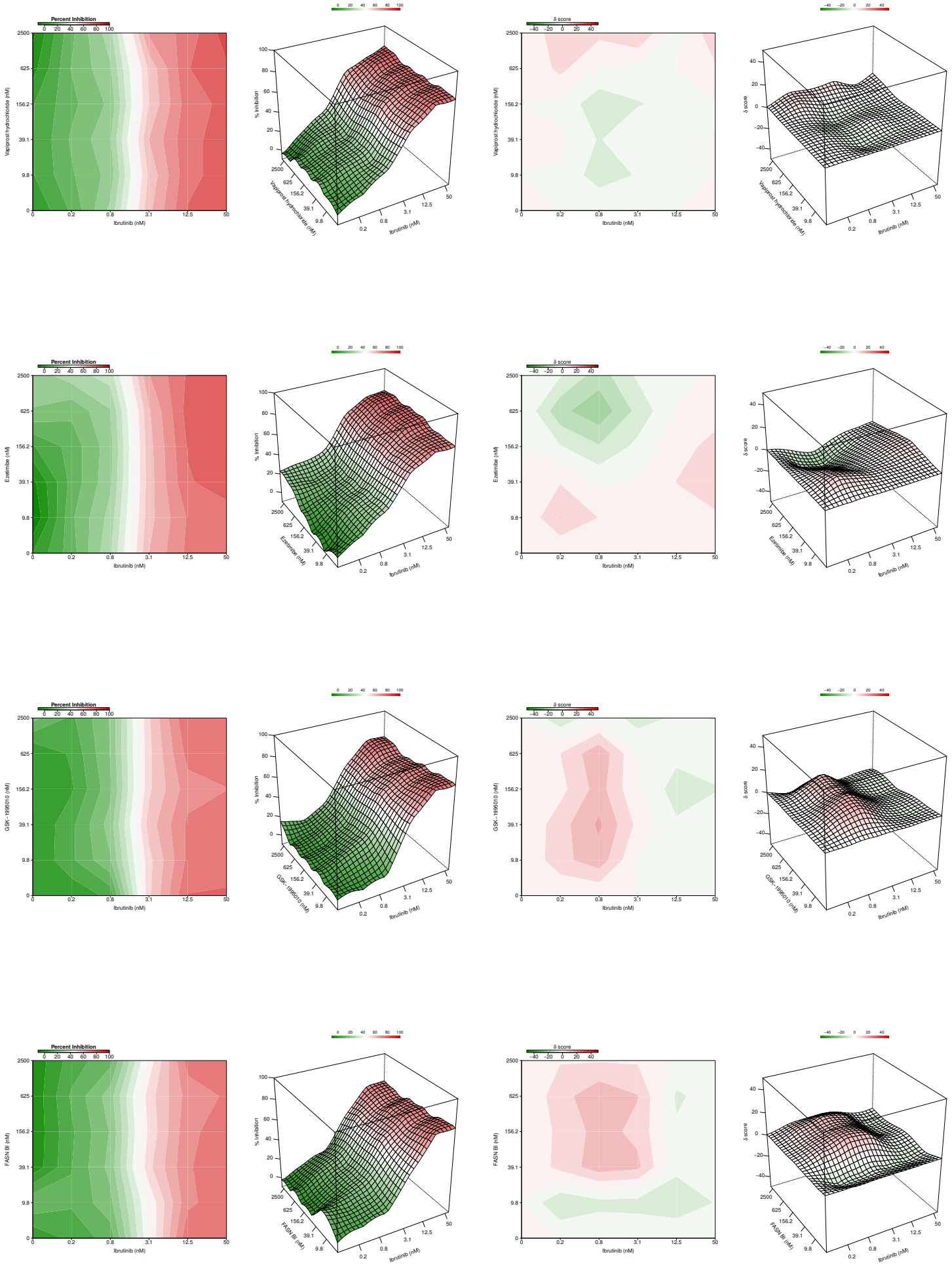

Percent Inhibition
0 20 40 60 80 100
ACPA (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score
MK−886 (nM)
Vatilapon (nM)
Licofelone (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

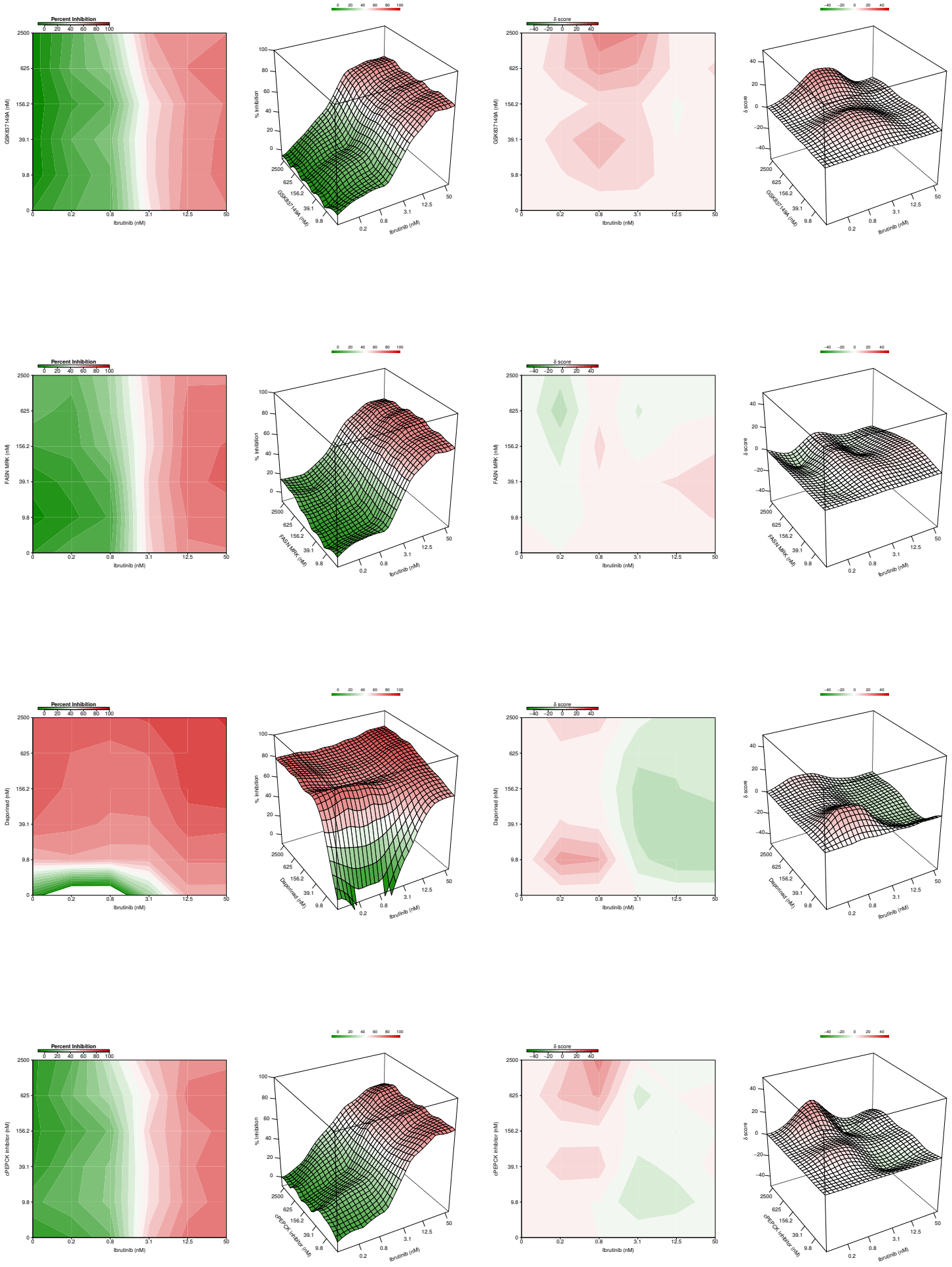

Percent Inhibition
0 20 40 60 80 100
Zileuton (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
NCGC00185853 (nM)
Celecoxib (nM)
Pravastatine (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50

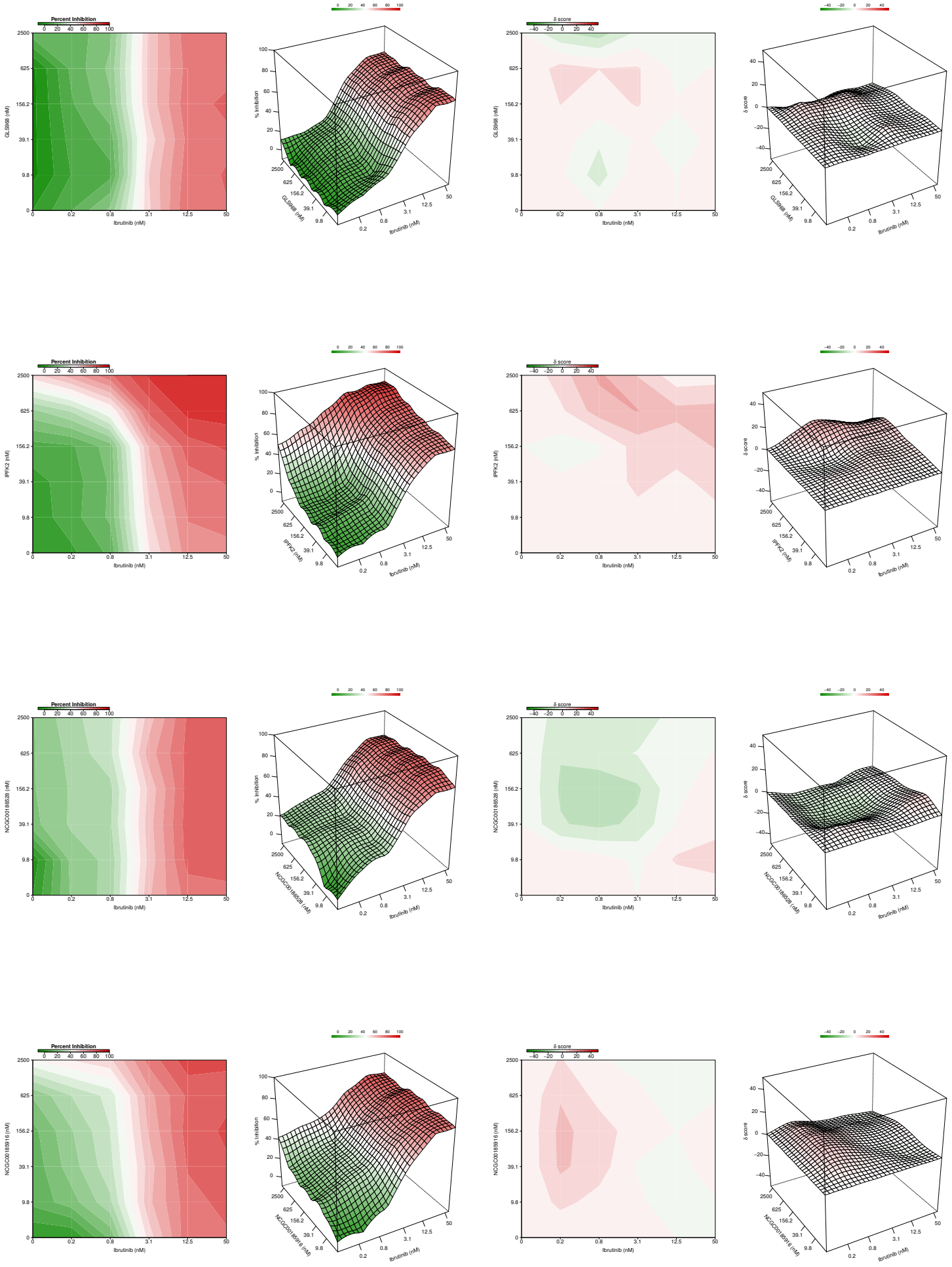

Percent Inhibition
0 20 40 60 80 100
PF-3845 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Fluvastatin (nM)
Simvastatin (nM)
Dacetrapib (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

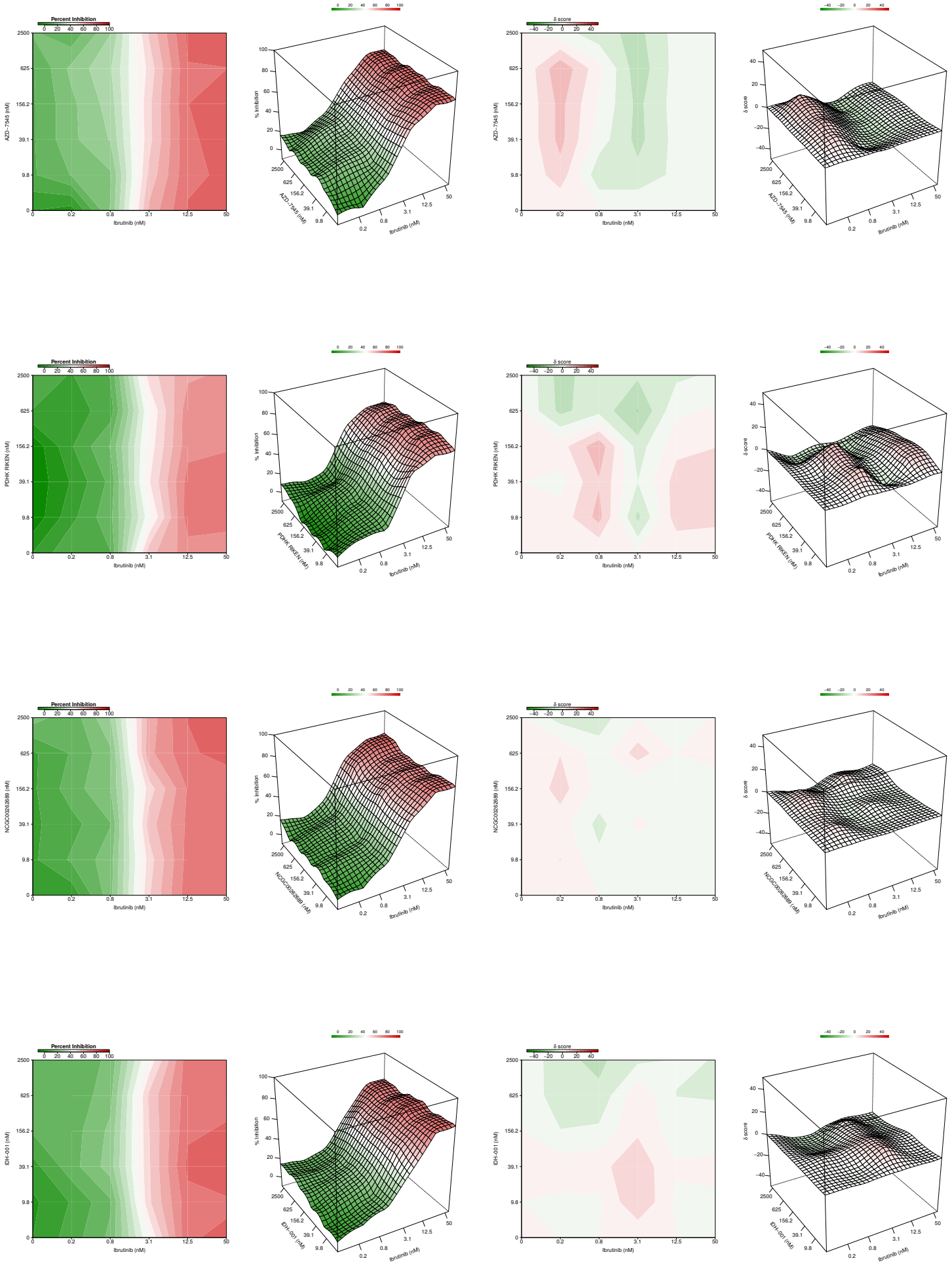

Percent Inhibition
0 20 40 60 80 100
JK 184 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
NCGC00037850 (nM)
CAY10581 (nM)
EBPC (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

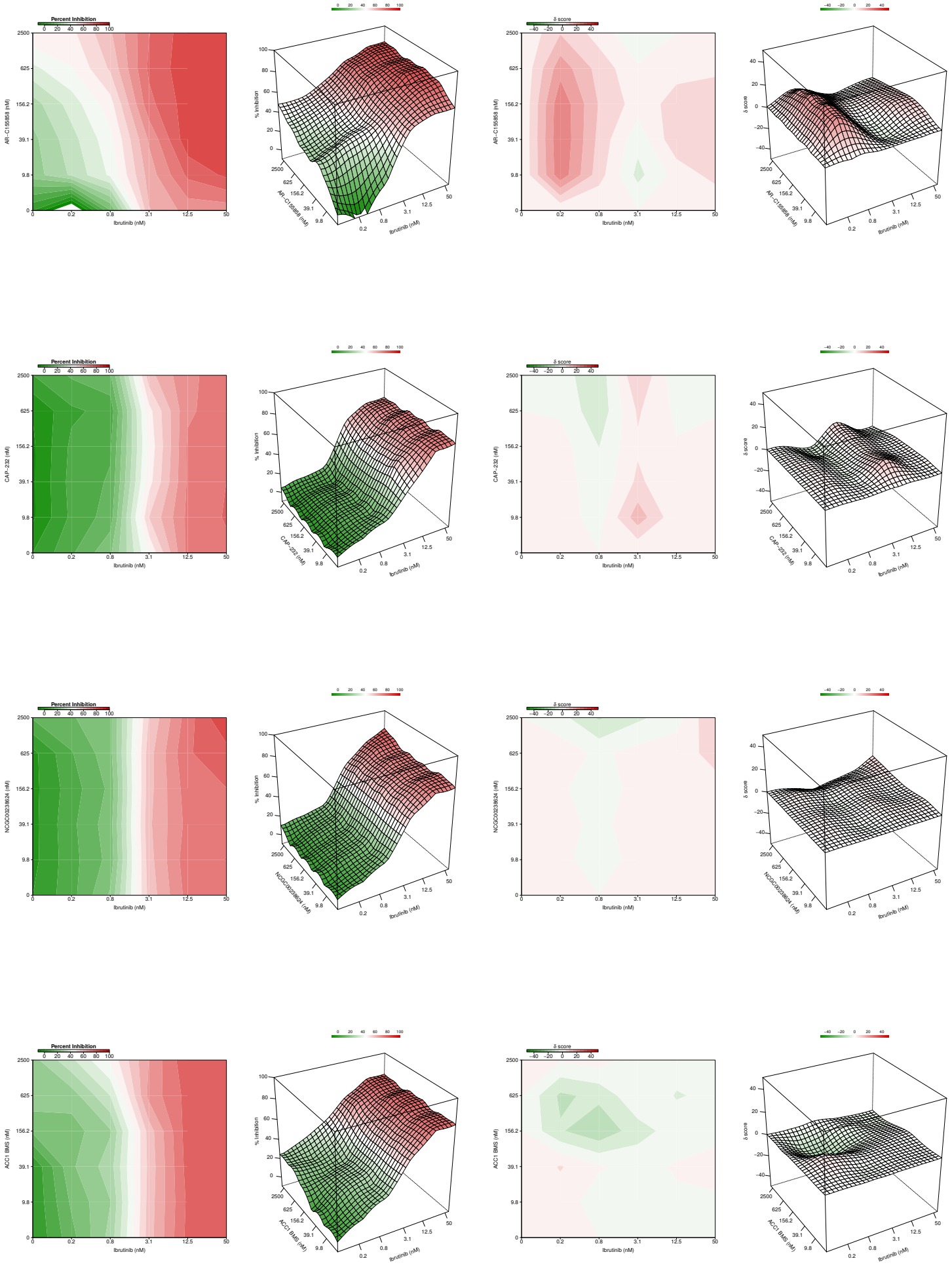

Percent Inhibition
0 20 40 60 80 100
Plaxostat (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
JZL−184 (nM)
GW 4869 (nM)
Ezatiostat (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

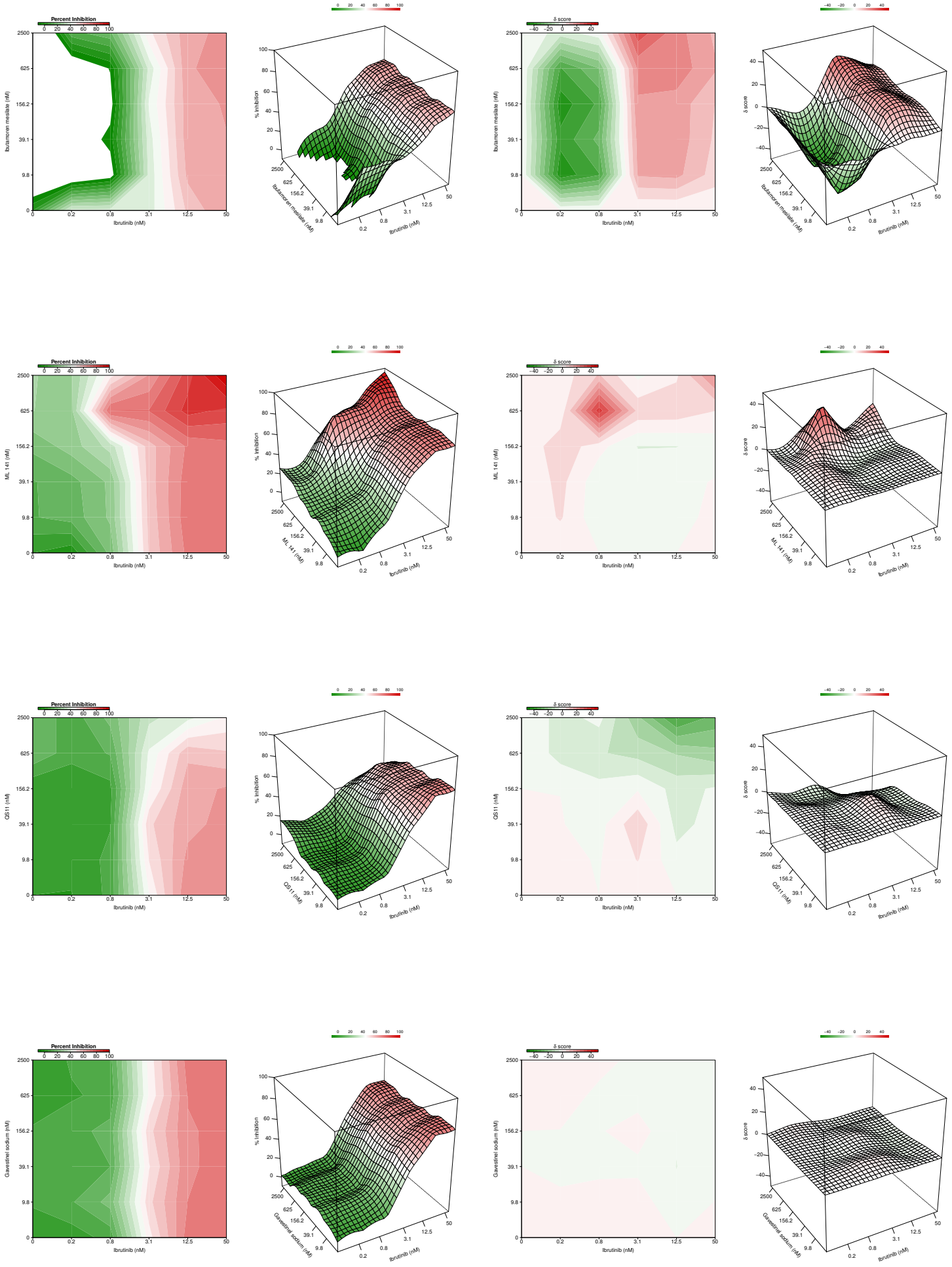

Percent Inhibition
0 20 40 60 80 100
Vapiprost hydrochloride (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Ezetimibe (nM)
GSK−1995010 (nM)
FASN BI (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

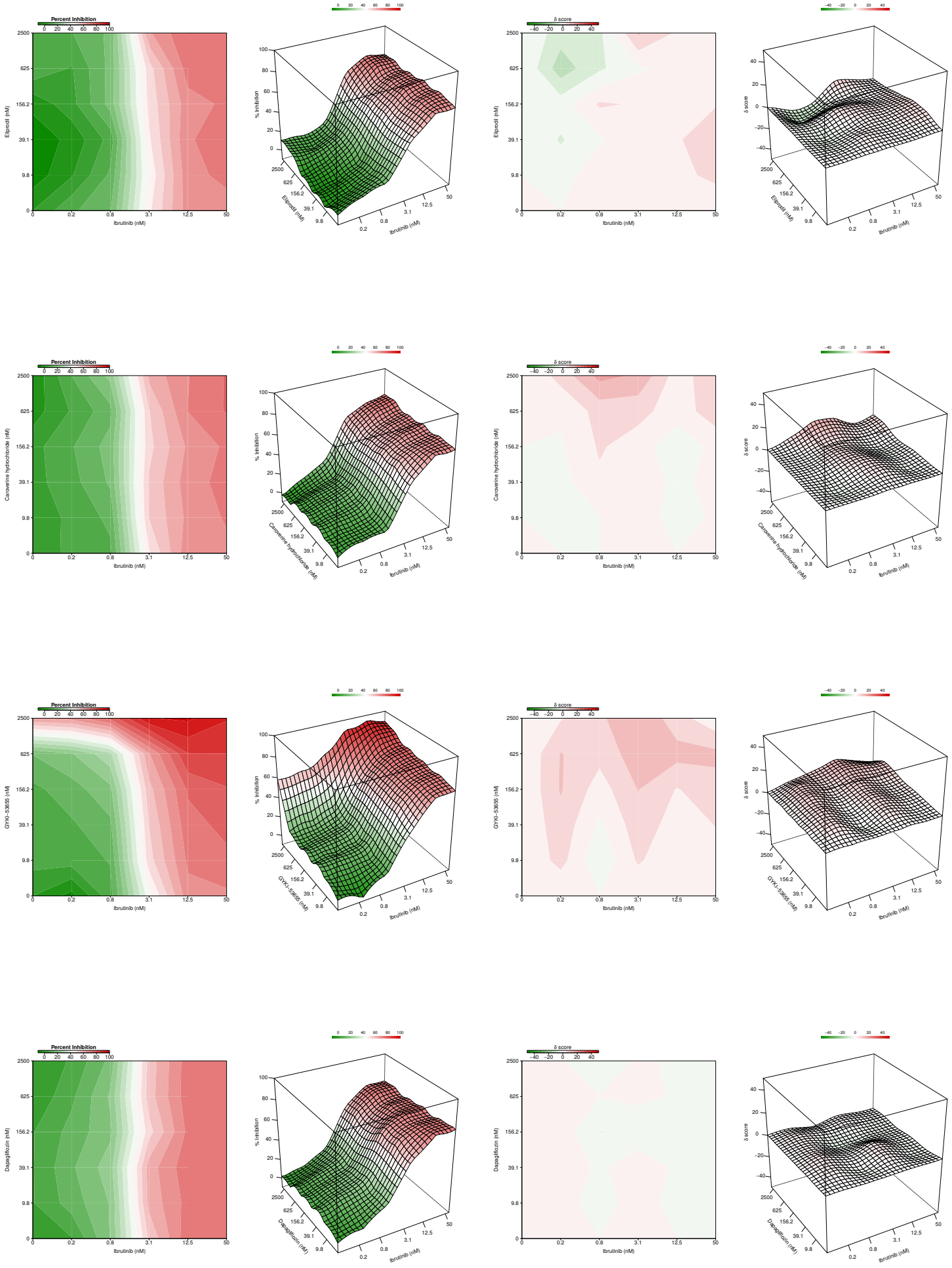

Percent Inhibition
0 20 40 60 80 100
GSK837149A (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
FASN MRK (nM)
Daporinad (nM)
cPEPCK inhibitor (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

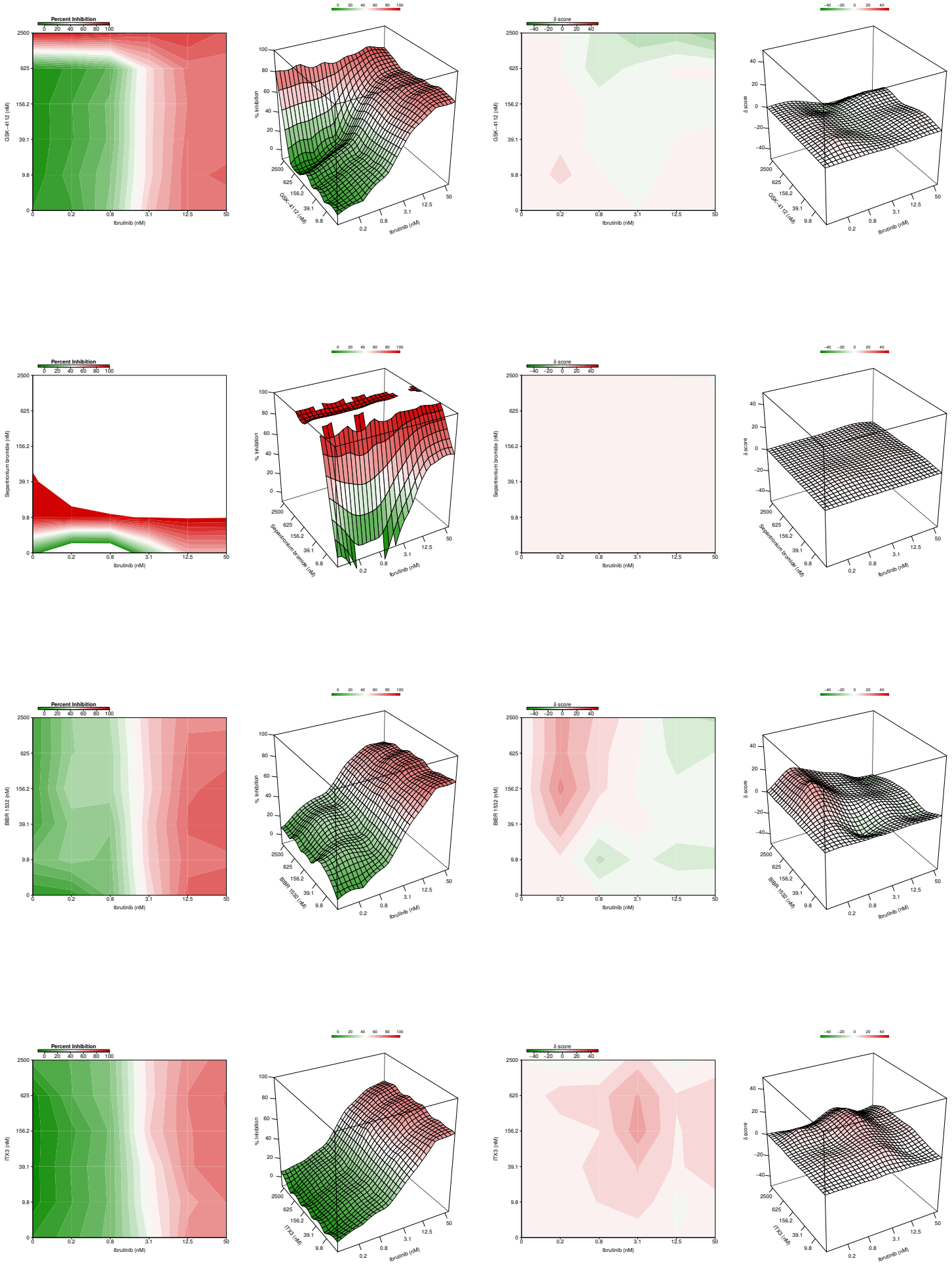

Percent Inhibition
0 20 40 60 80 100
GL5968 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
IPFK2 (nM)
NCGC00186528 (nM)
NCGC00185916 (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50

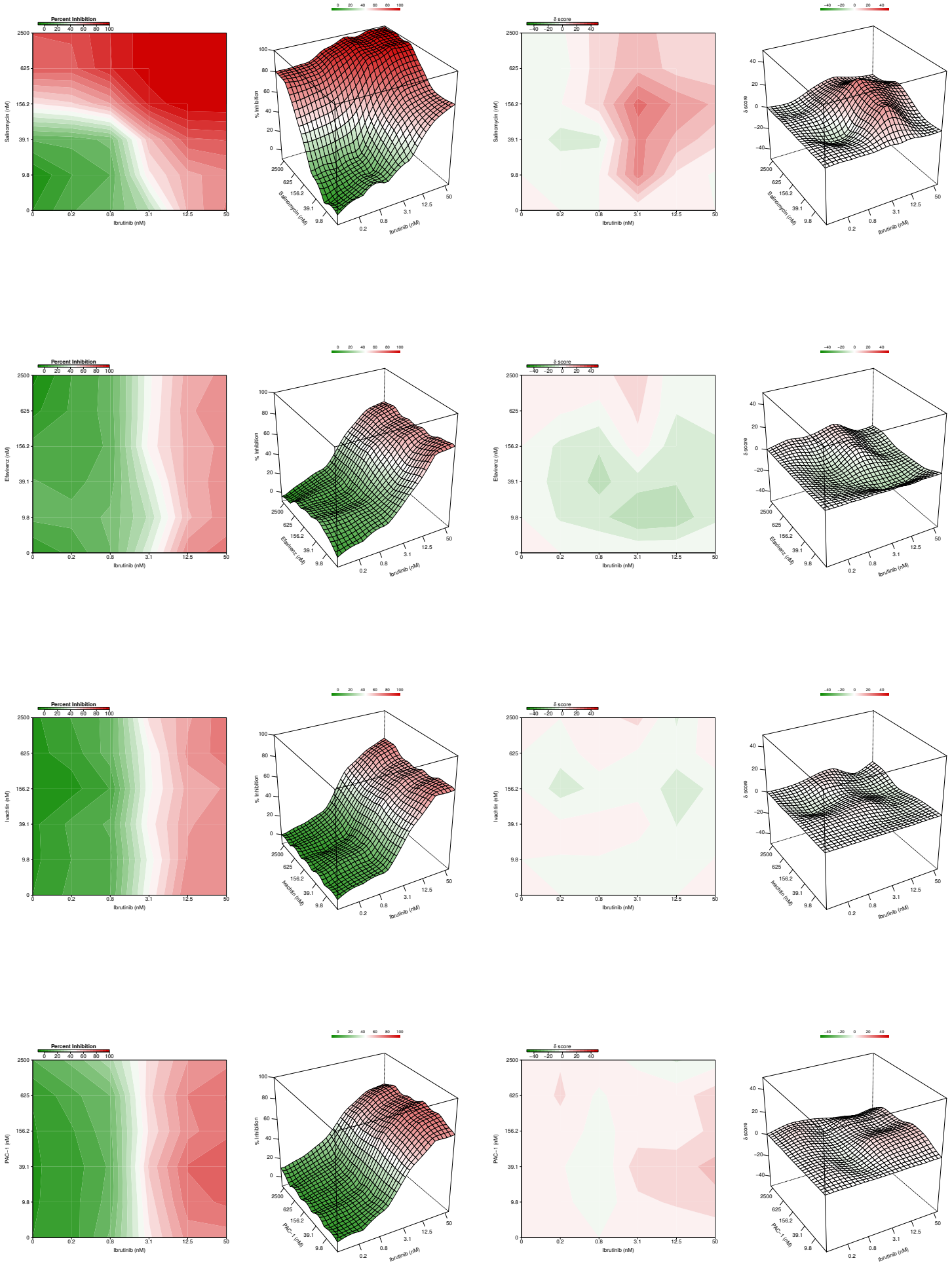

Percent Inhibition
0 20 40 60 80 100
AZD-7545 (nM)
PDHK RIKEN (nM)
NCGC00263898 (nM)
IDH-001 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40

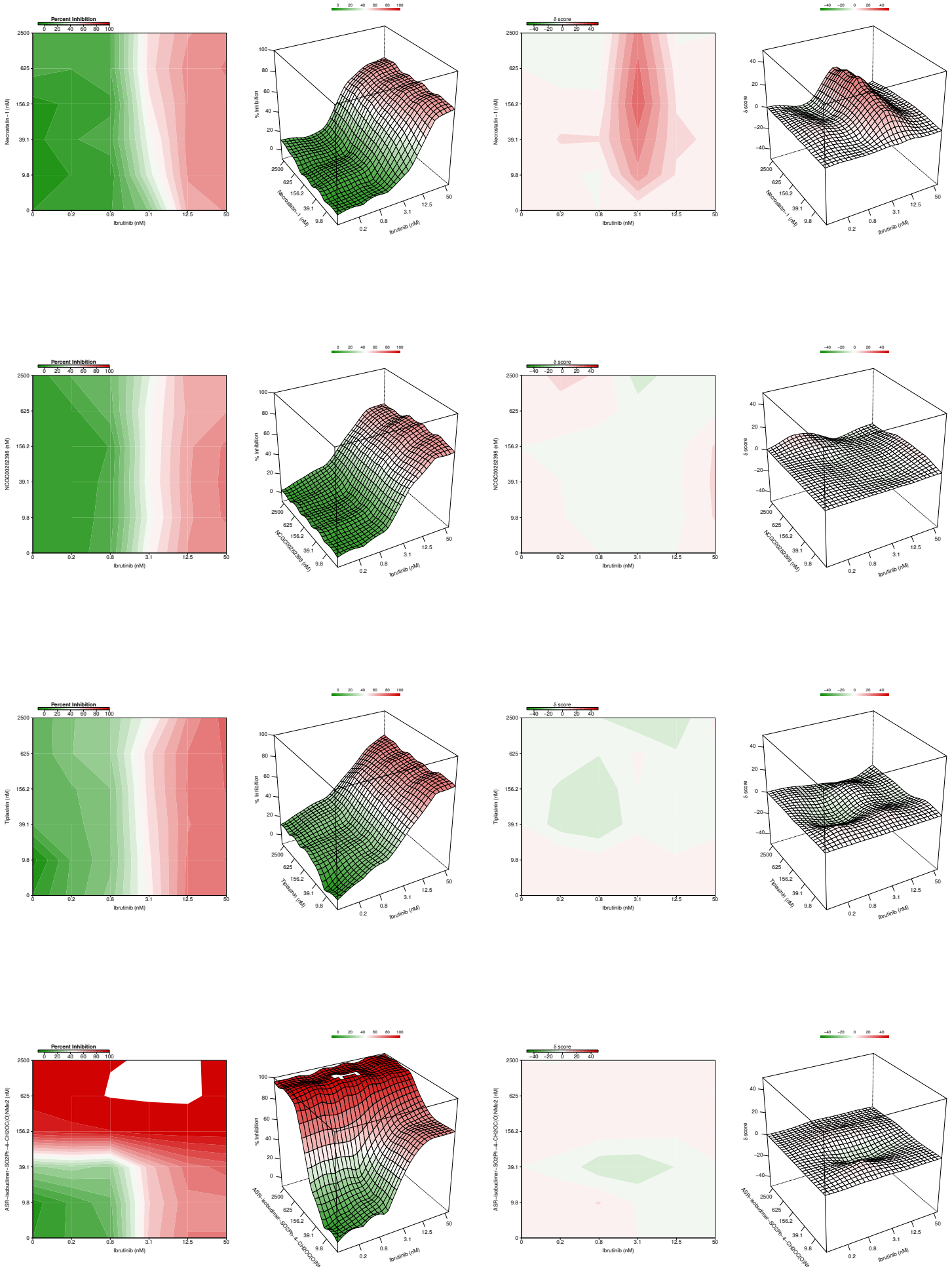

Percent Inhibition
0 20 40 60 80 100
AR-C156858 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
CAP-232 (nM)
NCGC00239824 (nM)
ACC1 BMS (nM)

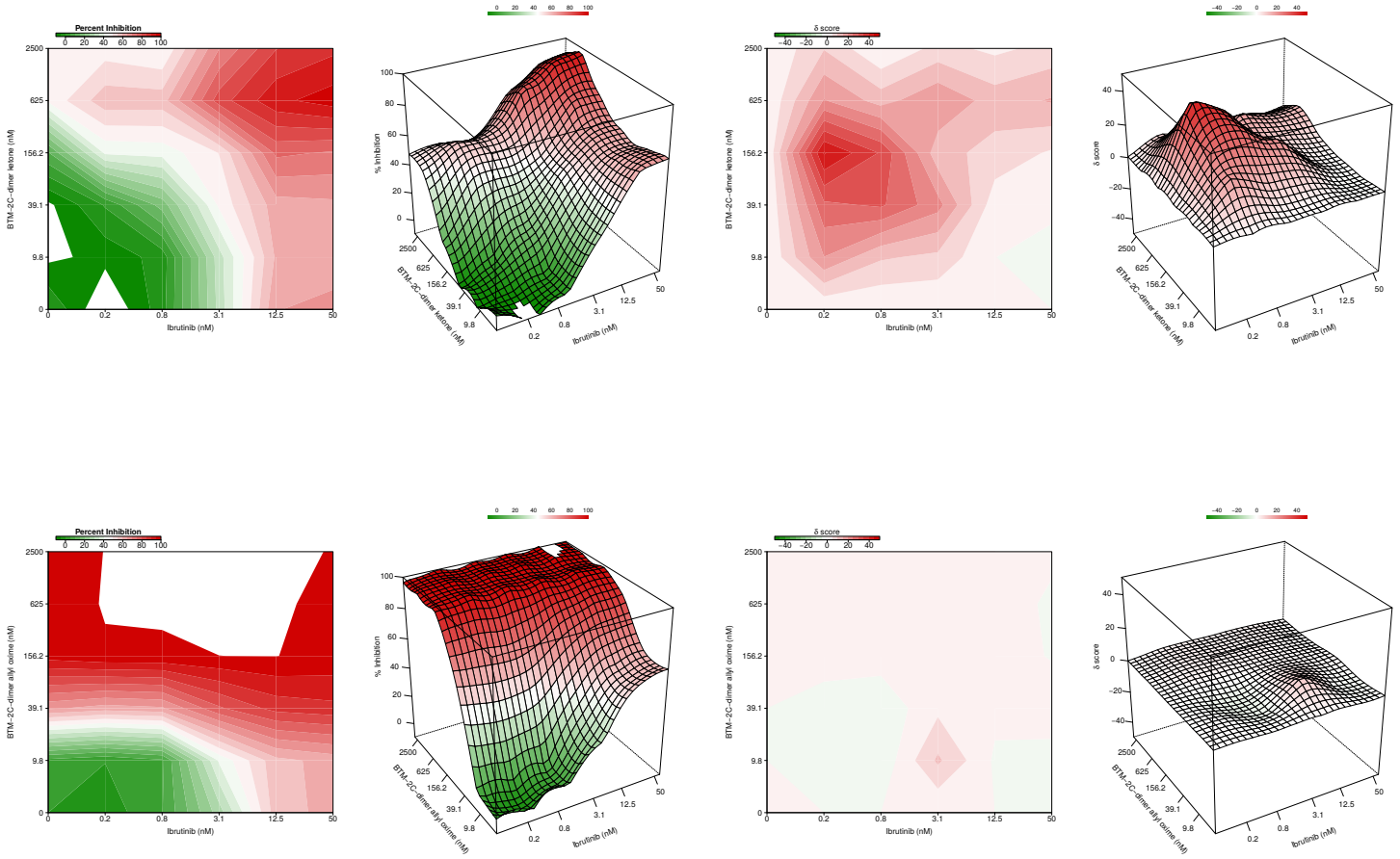

Percent Inhibition
0 20 40 60 80 100
Ibutamoren mesilate (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
ML 141 (nM)
QS11 (nM)
Gavestinel sodium (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50


Percent Inhibition
0 20 40 60 80 100
Elipodil (nM)
Ibrutinib (nM)
% inhibition
δ score
−40 −20 0 20 40
Carovenine hydrochloride (nM)
GYKI-53655 (nM)
Dapagliflozin (nM)
2500 625 156.2 39.1 9.8 0
0 0.2 0.8 3.1 12.5 50


Percent Inhibition
0 20 40 60 80 100
GSK−4112 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Sepantronium bromide (nM)
BBR 1532 (nM)
ITX3 (nM)
2500
625
156.2
39.1
9.8
0
0.2
0.8
3.1
12.5
50


Percent Inhibition
0 20 40 60 80 100
Salinomycin (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
Elesclomol (nM)
Ivacftor (nM)
PAC−1 (nM)


Percent Inhibition
0 20 40 60 80 100
Necrostatin-1 (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
δ score
NCGC00282398 (nM)
Tipiasirin (nM)
ASR-isobutimer-SO2Ph-4-CH2OC(O)NMe2 (nM)
ASR-sebutimer-SO2Ph-4-CH2OC(O)NM


Percent Inhibition
0 20 40 60 80 100
BTM-2C-dimer ketone (nM)
Ibrutinib (nM)
% Inhibition
δ score
−40 −20 0 20 40
BTM-2C-dimer allyl oxime (nM)