

Supplemental Information. The number of papers returned using “nano*” against each of the following pathway-related keywords.

Pathway-related keywords	Scopus results	PubMed results	Web of Science results
Caspase 8	435	15	315
Mitogen activated protein kinases	1,555	78	428
C Jun N terminal kinase	96	16	103
Extracellular signal regulated kinases	355	80	310
Nuclear factor kappa-light-chain-enhancer of activated B cells	13	1	12
Nuclear factor erythroid derived 2 like 2	12	3	8
DNA damage repair	458	114	473
Cell cycle arrest	1154	79	1113
p53	1466	114	1276
Janus kinase signal transducers activators of transcription	25	2	24
Transforming growth factor beta	991	86	437
Mothers against decapentaplegic	2	0	2

Abbreviated pathway-related keywords	Scopus results	PubMed results	Web of Science results
CASP8	28	17	7
MAPK	519	56	551
JNK	259	32	240
ERK	491	61	501
NF kappa B	457	63	1216
Nrf2	171	27	146
DDR	61	8	53
Cell cycle arrest	1154	79	1113
p53	1466	114	1276
JAK-STAT	39	1	43
TGF beta	440	101	807
SMAD	161	16	131