

Abbreviations

AhR – Aryl hydrocarbon receptor

BaP – Benzo alpha pyrene

BIND – Biomolecular Interaction Network Database

Cfinder – Clusterfinder

ClusterONE – Clustering with Overlapping Neighborhood Expansion

CNT – Carbon Nanotube

COPASI – COMplex PATHway Simulator

DIP – Database of Interacting Proteins

DNA- Deoxyribonucleic acid

GO – Gene ontology

GRID – General Repository for Interaction Datasets

HPRD – Human Protein Reference Database

IARC – International Agency for Research on Cancer

IntAct – IntAct molecular interaction database

I-TASSER - Iterative Threading ASSEMBly Refinement

KEGG – Kyoto Encyclopedia Of Genes and Genome

MCODE – Molecular Complex Detection

MINT – Molecular INTeraction database

MWCNT – Multiple walled carbon nanotube

NNK- Nicotine derived nitrosamine ketone

NT – Nanotube

OMIM – Online Mendelian Inheritance in Man

PAH- Polycyclic aromatic hydrocarbon

PID – Protein Interaction Database

PPIN – Protein-protein interaction network

RCSB PDB - Research Collaboratory for Structural Bioinformatics Protein Data Bank

SBML – Systems Biology Markup Language

STRING – Search Tool for the Retrieval of Interacting Genes/proteins

SWCNT – Single Walled Carbon Nanotube

T3DB – The Toxin and Toxin Target Database

TiO₂- Titanium dioxide

TSNA- Tobacco specific nitrosamins