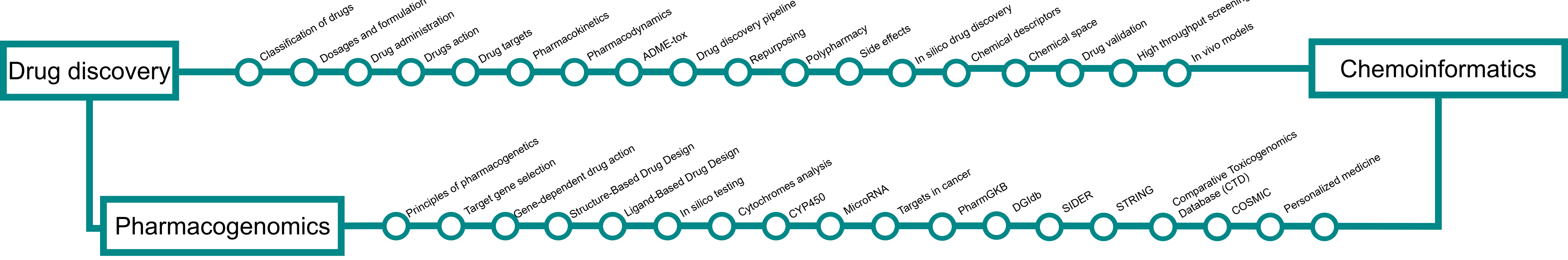
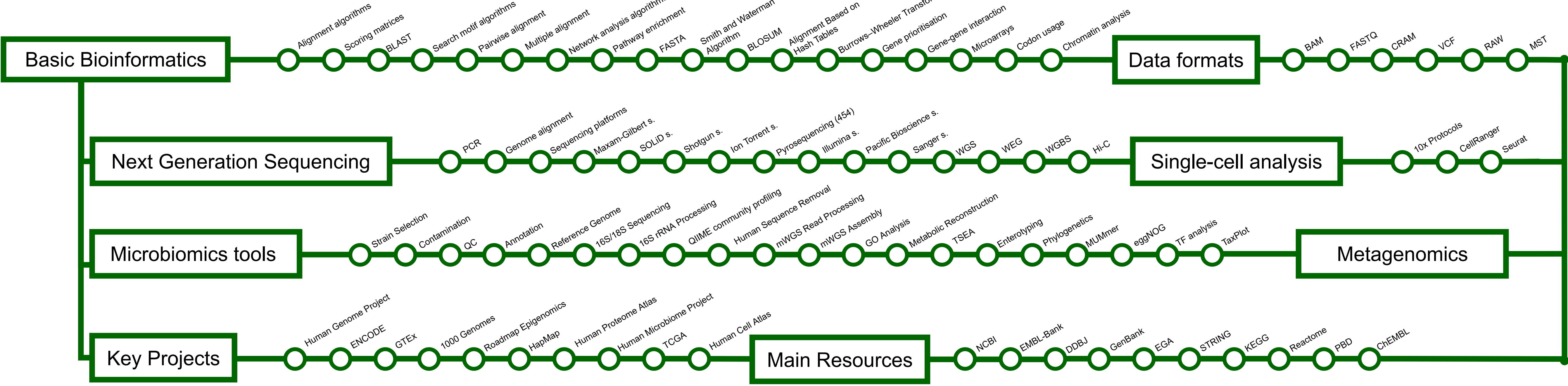
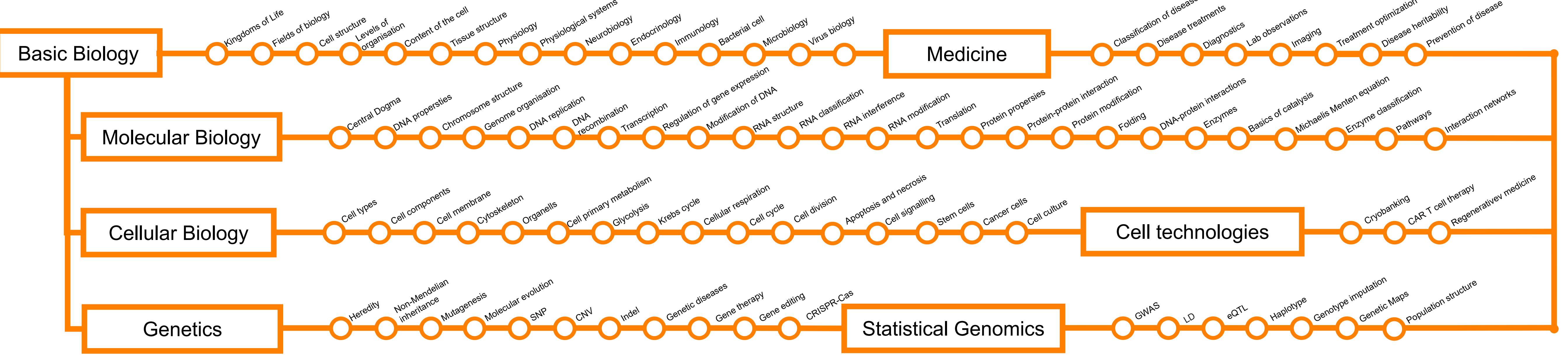
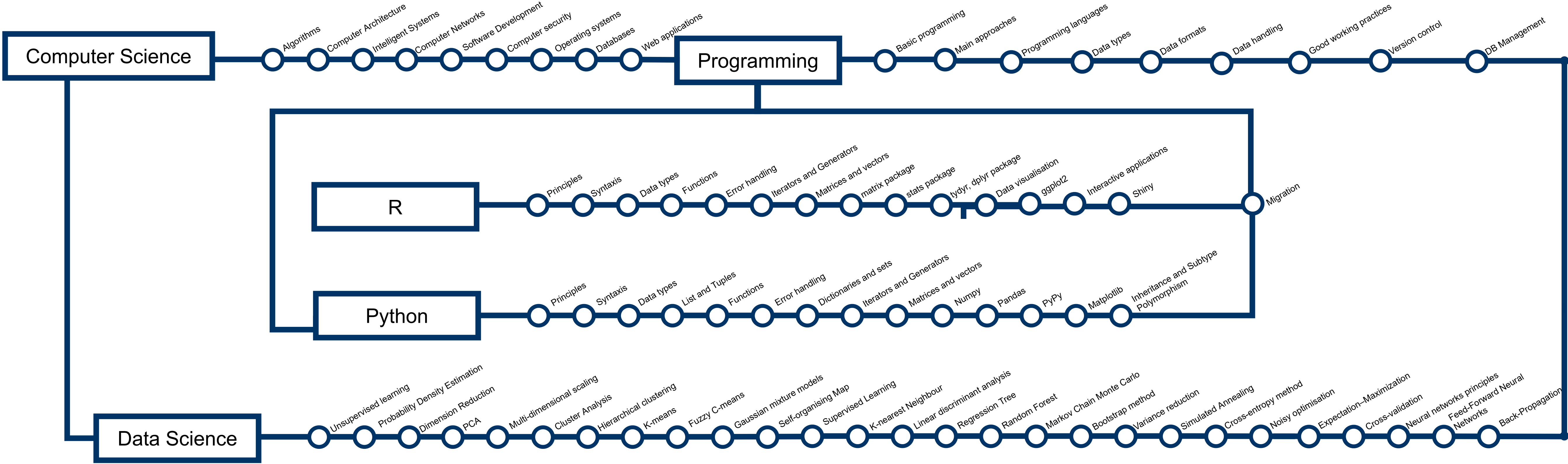
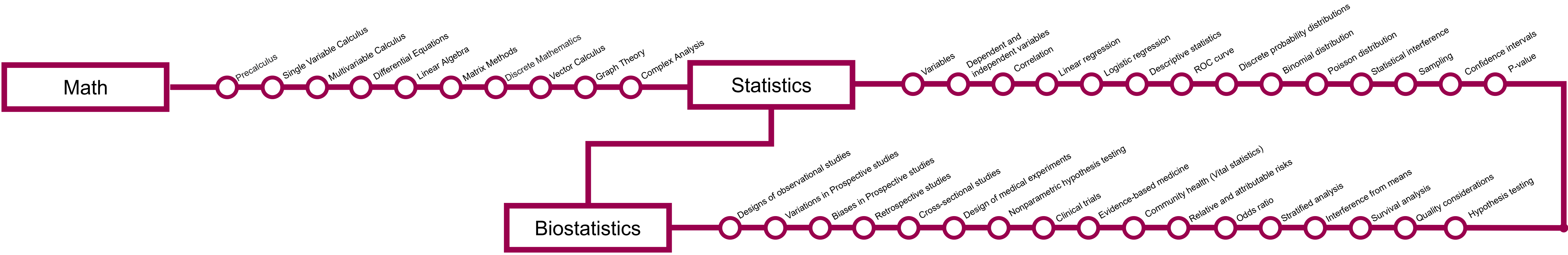




# Roadmap to Bioinformatics



## Abbreviations

ADME-Tox Absorption, Distribution, Metabolism, Excretion and Toxicity	EMBL European Molecular Biology Laboratory	PCA Principal Component Analysis
BLAST Basic Local Alignment Search Tool	ENCODE Encyclopedia of DNA Elements	PCR Polymerase chain reaction
BLOSUM BLOcks Substitution Matrix	eQTL Expression quantitative trait loci	QC Quality control
CAR Chimeric Antigen Receptor	GO Gene Ontology	SNP Single Nucleotide Polymorphism
CNV Copy Number Variation	GTEx Genotype-Tissue Expression	STRING Search Tool for the Retrieval of Interacting proteins
COSMIC Catalogue of Somatic Mutations in Cancer	GWAS Genome-Wide Association	TCGA The Cancer Genome Atlas
CRISPR Clustered Regularly Interspaced Short Palindromic Repeats	HapMap Haplotype Map	TSEA Taxon Set Enrichment Analysis
DBJ DNA Data Bank of Japan	KEGG Kyoto Encyclopedia of Genes and Genomes	WES Whole Exome Sequencing
DGIdb The Drug Gene Interaction Database	LD Linkage disequilibrium	WGBS Whole-Genome Bisulfite Sequencing
EGA European Genome-phenome Archive	NCBI National Center for Biotechnology Information	WGS Whole Genome Sequencing
eggNOG evolutionary genealogy of genes: Non-supervised Orthologous Groups	PDB Protein Databank	