-Chemical Peropeulies o
Chemistery in Everyday Life
- Substances of low molecular marries of about 100 to 500 intereact
with male a mole culture to egels as a design.
→ Dangs < Pharmacological effect — Interact with particular peroblem. molecular largets — Interact with biomolecular
-> Based on the apeutic action, design asse
i) Analyerics - body pain ecetivers
@ Naucotic - causes effect on CNS, Accomp amplgerics.
1 Mon-narcotic - no effect on CMS
ii) Antipyocetics - body temp oceduceou
iii) Antimalarial - malaural fever areducing substances
iv) Antimiceubials- kill & stop growth of disease causing miceodyanisms.
V) Antiseptics - kill microorganisms or prevent their fromth
Vi) Anti biotici - miceo oeganism killing substances
VII) Teranquilizers - medicines for management of psychoses & neuroses.
viii) Antihistamines - interact with natural action of histamine and
prevent acidity.
1x) Antacidi = removes excen of acid in stomach & maintain pt.
→ D'Analgeria - reduce pain
@ Navicatio - causes depression on necuous system & tend
to produce euphonia (feeling of being happiness which a factor for
their addictive properaties)
-> Modify oceaction towards emotion, morphine & grelated are
decivates of opium poppy.
Mostly given foot post operative pains. NCH3 N
Morphine Codelne levolm

Morphine has uses like check diarrhoeo, ear dypmea, cough ; induce stepp. (b) Non-narcotics - Aspiecin, aniline, aminophenol, recommended for headache, backaches such paim. -> Asplecin how about clothing action, prevent platelet function, with inflammed contipplication for fever due to cold (VII) Teanquilizers < sedatives - exect a quieting effect by exclanation Ex: KB1
Hyponotics - extent sleep Ex: Uti opentanol rodium Major tecanquelizers - prychoses (Hyponotics) Exi Baechetueix acid & these deceivation - versional, amutal, membras luminal & seconal, valium, secotorin Styl. Bubitueis and Verional Serotonin Valium Minor tecanquilizers - newcones (ternion) depresention) (sedatives) Ex: Ip econiazid; phenalzine - antideferment (peaduce not adeed. O=F-NHNHCH (CH3)2 FH2CH NHNH Isterniazid E. (Nardil) phenalzine Chlore dia zepoxide, maprobamate - tension exelicuers. Equanil - contrado deplumion, hypertermion. 1711-6-0-16-6-01-0-6-NH BN'-6-0-019-6-01-0-6-NH Equanil

M Antimicuobials: Microber that cause disease are pathogen.	
-> Lysozyme, fattyacids, lactic acid & hydreachloric and are some antimiorable (nature	skg. d)
Antibolotics: → should be effective in low cons → should be effective in low cons → synthetic substance produced as steereduced analogue of NHb SO2NHb SO2NHb Socotomil-1 reffective antibolterical sulphapsistine nellocations.	
-> Pencillin: GH1104N2SR R-C-NH-CH-CH-CH-COOH	
Bacteria Idal - kill microsegunum Ent Pencillin, oftencin, aminoglyconder Bacteriostatic - kyllowth of microsegunum Ex: Eutythomycin, teteracycline, chloromphenical	,
Broad specteum - attack wide evange of micro oganims.	
Ex: Chloromphenical, tetreacycline, vanomycin, oblassin.	4.
Narrow specterism - Gram the By gram we species will be attached (only particular disease)	
Ex: Pencilling, Ampicillin, amoxeillin.	
ON - CH - CH- CH_	
Chloromphenical - for thyphoid fever, active fever & dynantery	
uninary infections, meningety, & pneumonia	
Dynidazienine - foi cancer cells.	
Stoppeptomycin - TB.	
V Antiseptics - killing (be) preventing microsoganism	
for recounds, cuts, elever and diseased thin norface.	
clisinfectant - for floor.	1400
-> 0'2'l. phenol, dettol, bithional, tincture of iodine, iodoform, boric acid, to soframycin, H2O2 over antiseptice.	footalen
-> Ag. solmed (by in 0.13 ppm, 50, in lower cone, 11. pheno), forgon	aloletry&c
The state of the s	

C13 + Dettol (be 100% more) (hloroxyleud) terpinos (ix) Antacids - ecomove only excen of acid Ex! Omppea zole & lamofeazole. 1 Antihistamine - secretion of pepsin, HCI - histornine -> excen of acid in stomach causes inflammation in body, clauses inhibit action of histamine are antihistamine Cimetidine (tegamet) Terfenadine (dimetappole) dimetare) (seldane) Antihistamines for anhi allergic but no effect on histornine. Antifectility decays: Bleeth Contered pill. Ethyl nylestridól (Novestrol) - este ogen Morethindrone - synthetic desi vative progenterone => (hemicals in food 1) Antionidants - netard action of oxygen & Besseve food. Gullated herosofoliuene (BHT) Butylated Hydroxy Amisole (BHA)

- sulphur dioxide and sulphiles are used as antioxidades for wine, sugar spup, and peopled vegetes.
(i) Pecescewalives: (& 1500No) sodium metabinaphite (or) potanium metabinaphik,
sults of social acid, proprianic acid, so, in low conc.
(Itable at Alitame survalore saccharin dispartame all temp) 2000 600 550 100 (unitable at cooking temp)
(Hobe at Alitame survalore saccharin Arpartame aparticular all temp) 2000 600 550 100 (unitable at cooling temp)
MH In aspaulance 1-2' amine 1-1' Amine 1-keto, 1-exter, 1-oic acid 2-z' amine 1-l'amine 1-l'amine
(learning agents - (learning a
soap in ethanol· -> Shawing ceceam / soaps contain glycerol prevent hapid drying, scom gum for shawing soaps.
(i) Deteregents; - Synthetic detegrigents are salts of fatty sulphonic acids. -> does not beecipatede with (a ²⁺ &) Mg ²⁺ . -> Detergents < non-tonic (cationic -> for household purpose.)
→ Amionic detergents - Largest part is anion. Large chain alcohol + con. 1580y + NaOH → anionic detergent (alkali)
(Hz-(1/2),-(1/20H H504) (Hz-(1/2)-(1/20503 H NOOH (Hz-(CH2)-(1/20503 Not Lawy) hydrogen onlyhold Sodicem lawy) myshold (delergent)
CH3-(CH) (CH2) (O) SO3H NOOH (H3(CH2) O) SO3 Not Sodium dockey) bengene tulphotomate

-> Cationic detergents: Cationic detergents are monthly aletales, Charida, branches
of 4° amines. Ext. (ety) 1 ammonlum becomide, (H3-(H2)15-N((H3)3 BY
-> Cationic detergents have germicidal properties and are germicides. -> Cationic detergents have germicidal properties and are germicides. -> Cetyl trimethyl ammonium bromide popular cationic detergents for
half conditioners
> Xlon Honic detergents - Steeric acid with polyethere glybol gives an edge
Dint lone alycol is keem ethylene gryot vernyere asoc
- large branched chain of these delegens
bacteria and causes pollution. - unbranched was attacked by bacteria, prevents pollution.
(H2OH + n (H2OH - H2O + Of CH2O) (H2OH) + (H2-(H2)) (COH) - H2OH + n (H2OH) - H2O + Of CH2OH) Steamic acid
(H3-(CH))6-(00-[C12-C120]7-(120H
> Deug-tauget interaction:
Enzyme - protein.
- (atalytic action of enzyme. first function of enzyme is to hold substructe for
chemical eleaction. 2nd function of enzyme is to flowide functional flough that will attack the substreate and covery out Chemical occartion.
-> Doug -enzyme intereaction! dough which can block the kinding the
of enzyme and seevent the bonding of substeade. Some design compete with national substeade for their attachment
Some dough do not bind to the enzymes active life but an
Receptors as ward range kelepton are comment
Menages are transferenced blu neurons to muscles through chamical menengen

-> drugs that kind to receptor site and inhibit its natural function acce called antagonists. decegs that mimic the natureal menerger by nurthing on the succeptor are called agont.