Epithelial shedding Mucus plug and/or kinase inhibitors. Subepithelial fibrosis Antigen Macrophage Oedema Mast cell Dendritic cells CD4 Th2 cell Eosinophil Angiogenesis Neutrophil Airways hyper-responsiveness and smooth

New glucocorticoids

New bronchodilators

PDE4 inhibitors

· NExB

NF-AT

· PPAR

- INK

PERK.

- ICAM1

VEA4

GATA-3

STAT1, STATE

Adhesion blockers

Mediator antagonists Antihistamines

- Leucotrienes

Nitric oxide.

Antioxidants

 Prostaglandins Neurokinins Adenosine

p38 MAPK

Transcription factor

muscle hyperplasia/hypertrophy

Immunomodulation Sublingual immunotherapy

- T-cell peptides.
- · Immunostimulatory oligonucleotides
- Treg modulators
- · Dendritic cell inhibitors
- T-cell costimulatory molecules

Anti-allergy drugs

- · Anti-IqE
- Anti-CD23

Cytokine inhibitors

- Interleukins 4, 5, 6, 9, 13, 19, 22, 25
- Thymic stromal lymphopoietin
- TNFq.

Cytokine agonists

- Interleukins 10, 12, 21, 27
- Interferon (α, β, γ, λ)

Chemokine receptor inhibitor

- CCR3, CCR4, CCR8, CRTh2
- CXCR1/2/3

Chemokine receptor agonists

+ CORS

New Drugs And Targets For Asthma And Copd

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