

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا
إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم



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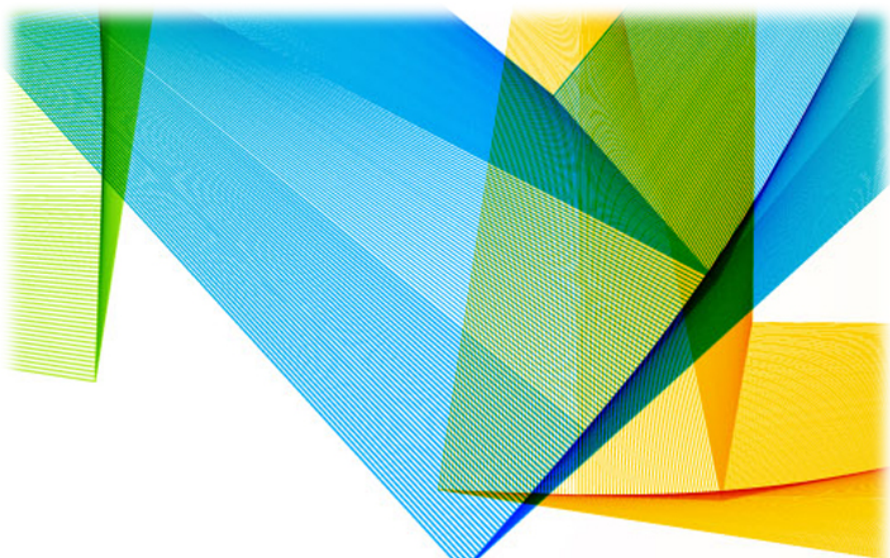
*First and above all my deepest gratitude and thanks to **Allah** for achieving any work in my life. I would like to express my especial cordial thanks.*

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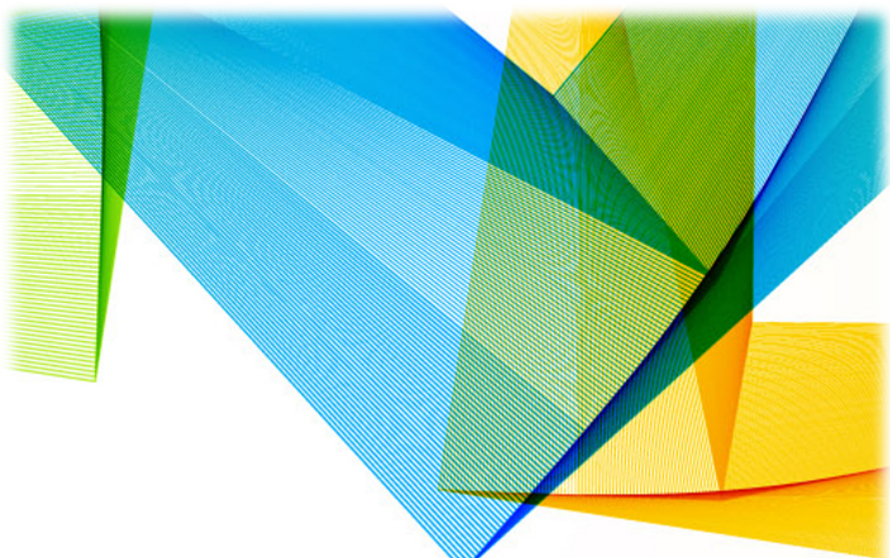
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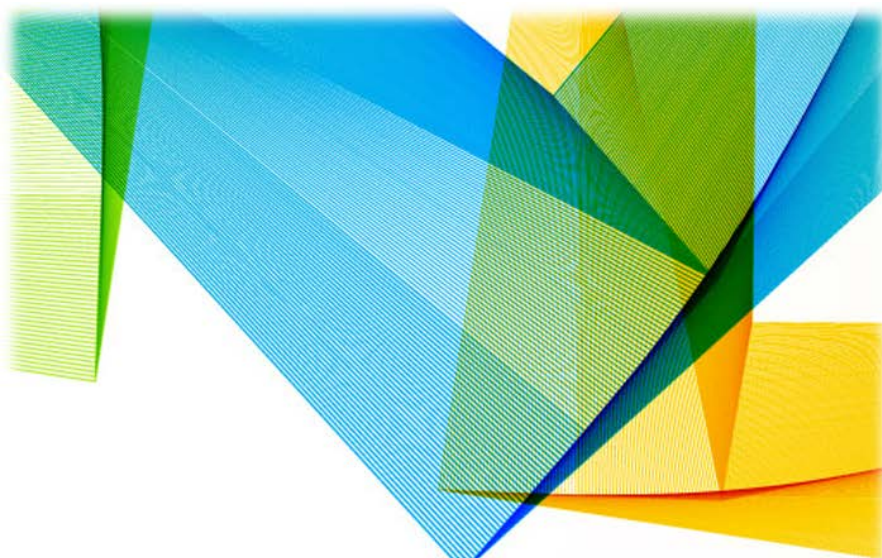
Ayman Ahmed



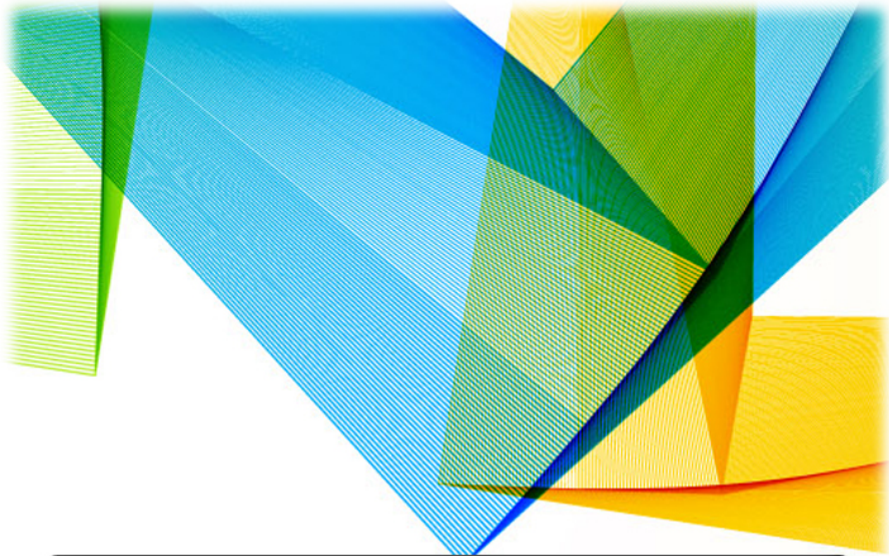
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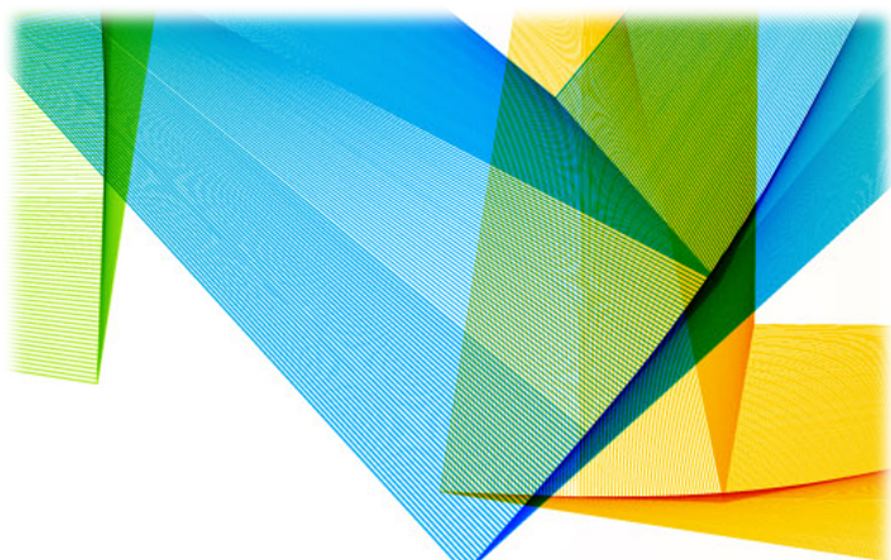
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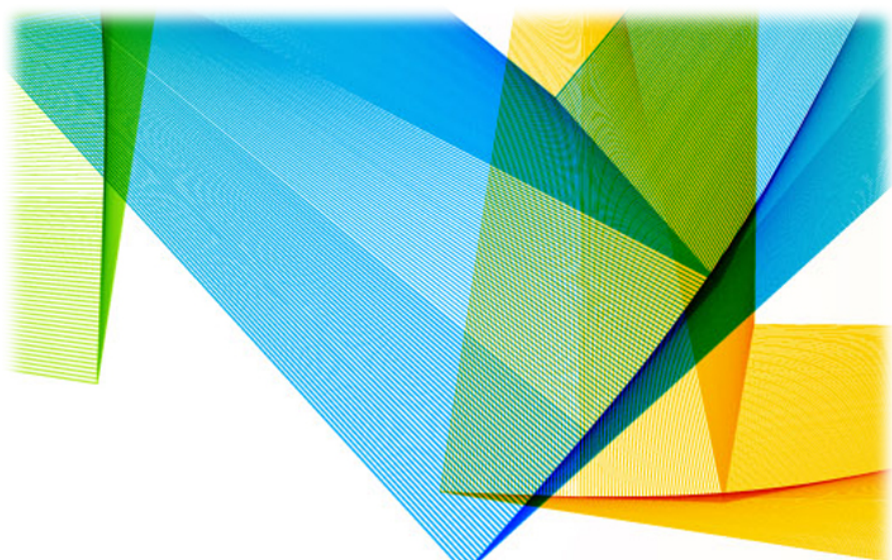
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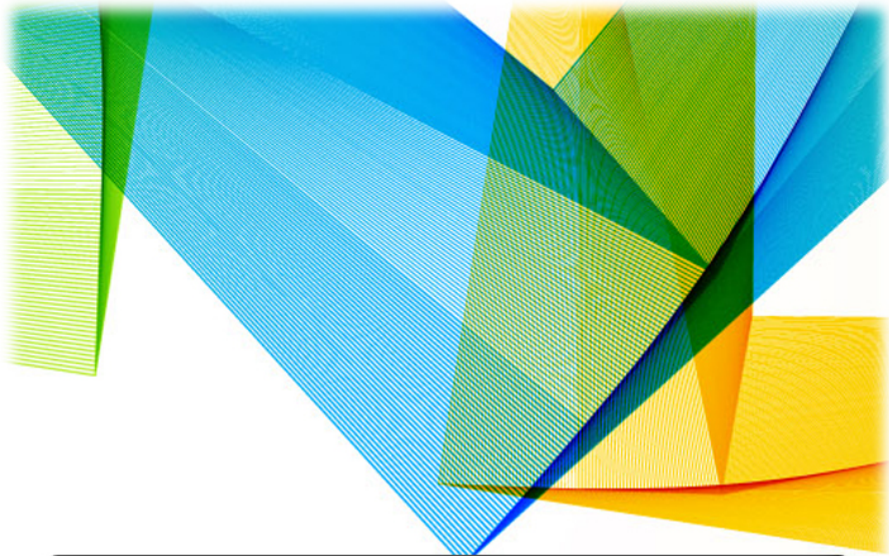
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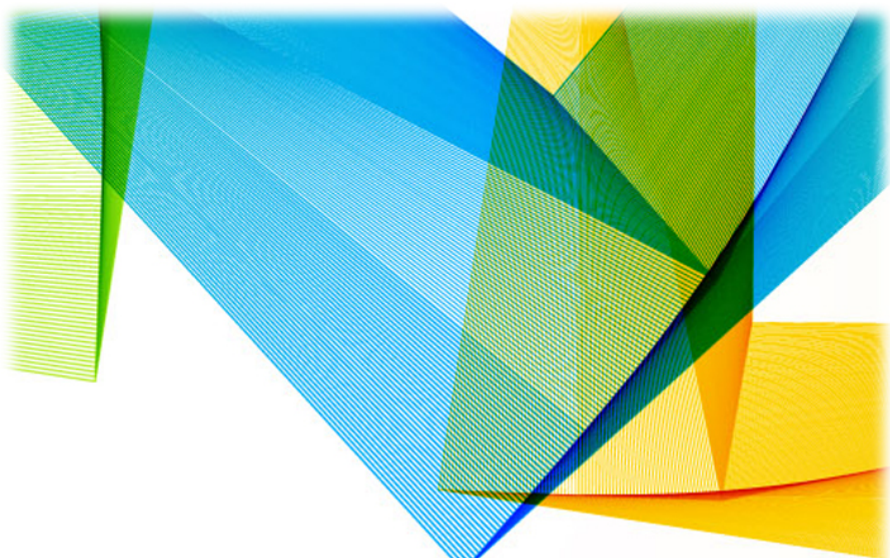
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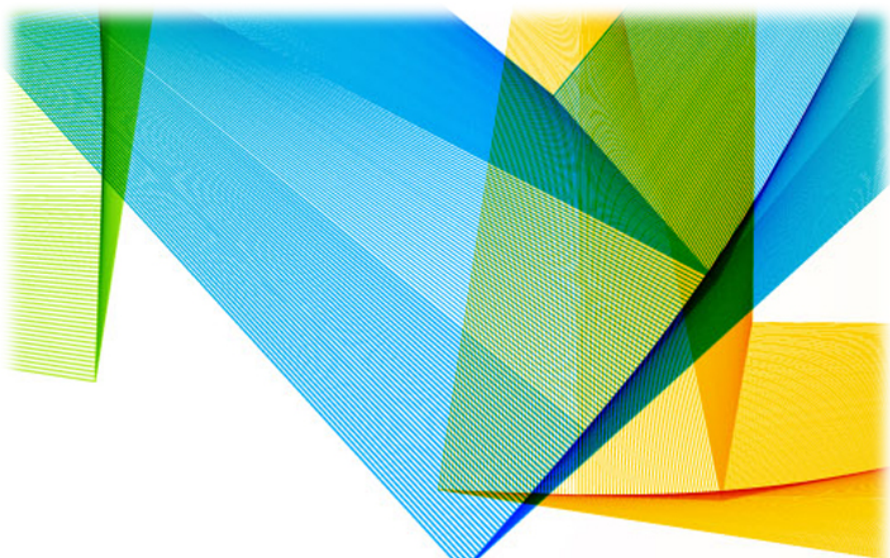
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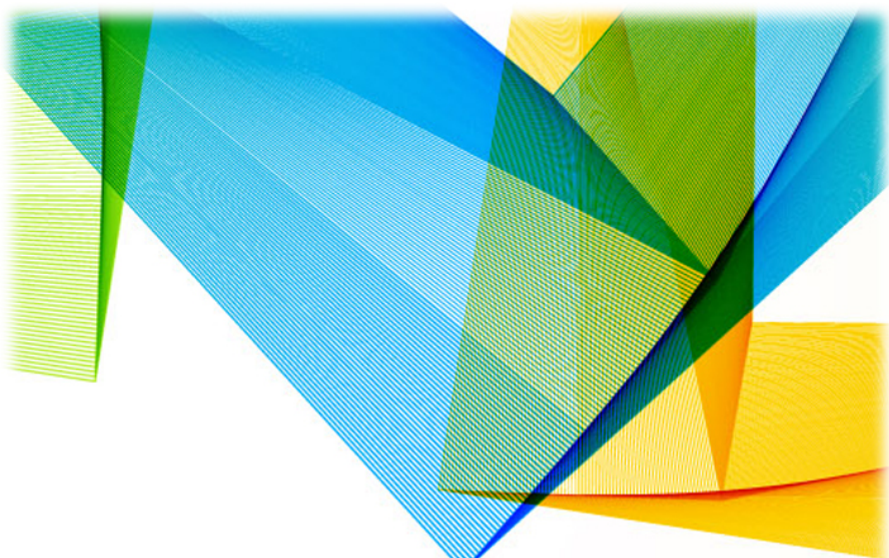
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List of Abbreviations

AB	Antibiotic
ADH	Antidiuretic hormone
AIDS	Acquired immune deficiency syndrome
ARI	Acute respiratory infection
ATS	American Thoracic Society
C&S	Culture and sensitivity
CAP	Community-acquired pneumonia
CNS	Central nervous system
COPD	Chronic obstructive pulmonary disease
COPD,AE	Chronic obstructive pulmonary disease, acute exacerbation
CRP	C reactive protein
CSF	Cerebro-spinal fluid
DRSP	Drug resistant Strep. pneumoniae
ECC	Estimated creatinine clearance
ESBLs	Extended-spectrum β -lactamases
ESR	Erythrocytes sedimentation rate
FDA	Food and drug administration
FEV1	Forced expiratory volume in 1 s
HAP	Hospital-acquired pneumonia
HCAP	Healthcare-associated pneumonia
HS	Highly significant
I.C.U.	Intensive care unit
IDSA	Infectious Diseases Society of America
IM	Intramuscular
IPF, AE	Interstitial pulmonary fibrosis, acute exacerbation