



## PROGRAMME DETAILS

### VIRTUAL

# Chem Con 2021

12<sup>TH</sup> Annual Conference of Chemical Pathology

“Chemical Pathology Services in a Pandemic”

5<sup>th</sup> – 6<sup>th</sup> March 2021

Venue: Armed Forces Institute of Pathology, Rawalpindi



Time (hrs)	Schedule
<b>FIRST DAY: FRIDAY 5<sup>TH</sup> MAR 2021</b>	
<b>Inaugural Session</b>	
0830-0900	Registration of Participants
0900-0910	Guests to be seated
0915	Arrival of Chief Guest
0920-0925	Recitation from Holy Quran
0925-0930	National Anthem
0930-0935	Welcome Address by <b>Maj Gen Syed Raza Jaffer, HI (M)</b> Advisor in Pathology & Comdt AFIP
0935-0945	Address by <b>Ex-President PSCP</b>
0945-0950	Address by the <b>Chief Guest</b>
0950-0955	Presentation of Souvenirs
0955-1005	Group photograph with Chief Guest
1005-1010	Departure of Chief Guest
1010-1030	Lt Gen Syed Azhar Ahmad Lecture
1030-1100	Light Refreshments
<b>Plenary Session</b>	
1100-1300	Plenary Session – I
1300-1415	Friday Prayers (Juma) & Lunch
1415-1615	Plenary Session – II
1615-1650	Refreshments
1650-1715	PSCP Executive Council Meeting
<b>SECOND DAY: SATURDAY 6<sup>TH</sup> MAR 2019</b>	
0900-1100	Plenary Session – III
1100-1120	Light Refreshments
1120-1320	Scientific Session – I
1320-1400	Lunch & Prayers
1400-1600	Scientific Session – II
1600-1615	Vote of Thanks



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Sr	Title	Name	Time
<b>Friday 5<sup>th</sup> Mar 2021</b>			
<b>Plenary Session - I</b>			
1.	The COVID-19 Pandemic: Pathology Services - Unseen Force behind the Front-Line Warriors	Maj Gen Syed Raza Jaffar, HI(M)	1100-1120
2.	COVID-19 Vaccination – Pakistan’s Perspective	Maj Gen Salman Saleem	1120-1140
3.	COVID-19 method validation during pandemic: Experience of CAP accredited lab`	Dr Farooq Ghani	1140-1200
4.	COVID-19: Impact on clinical research and its implications for chemical pathology research	Dr Asma Shoukat	1200-1220
5.	Leading role of pathology laboratories in curtailing the pandemic of COVID-19	Brig (R) Aamir Ijaz	1220-1240
6.	Impact of COVID-19 on laboratory professionals-a cross sectional survey at a clinical chemistry laboratory in a lower middle-income country	Prof Imran Siddiqui	1240-1300
<b>Plenary Session - II</b>			
1.	Role of vitamin D in infection, progression and severity of COVID-19	Dr Ayesha Habib	1415-1435
2.	Evolving role of radiology in current pandemic	Brig Saerah Zafar	1435-1455
3.	<b>NEQAPP:</b> Role of Clinical Chemistry Proficiency Testing Scheme in Quality Assessment of Medical Labs in Pakistan	Brig Muhammad Aamir, SI(M)	1455-1515
4.	A pandemic: Challenges in diagnosis	Brig Eijaz Ghani	1515-1535
5.	Development and validation of standard and real patient gallstone library using fourier transform infra-red spectroscopy	Dr Lena Jafri	1535-1555
6.	Seroprevalence of SARS-COV-2 antibodies among healthy blood donors in Karachi, Pakistan	Dr Shabnam Khawaja	1555-1615
<b>6<sup>th</sup> Mar 2021</b>			
<b>Plenary Session III</b>			
1.	Role of Procalcitonin in Diagnosis of Sepsis	Prof Adnan Mustafa Zubairi	0900-0920
2.	NGS- a granary of information on tracking transmission and analyzing genomic variation	Col Zujaja Hina Haroon	
3.	Frequency of metabolic derangements in covid-19 patients	Dr Humaira Howra Ali	0940-1000
4.	Copeptin – A new marker of interest	Lt Col Muhammad Usman Munir	1000-1020
5.	Challenges, success factors and outcome of teaching and learning via virtual learning environment (VLE) in COVID-19 pandemic	Dr Hafsa Majid	1020-1040
6.	Early diagnosis of coronary artery disease by micro RNA panel in patients with angina	Lt Col Sayed Tanvir Abbas Gilani	1040-1100



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<b>Sr</b>	<b>Title</b>	<b>Name</b>	<b>Time</b>
<b>Saturday 6<sup>th</sup> Mar 2021 - Scientific Session I</b>			
1.	Correlation of blood Glucose levels with biochemical and hematological abnormalities in diabetic and non-diabetic Covid 19 Patients - Experience from a Tertiary Care hospital of Quetta	Maj Saima Bashir	1120-1130
2.	Development of a virtual classroom for pre-analytical phase of laboratory medicine for undergraduate medical students using the Delphi technique with chemical pathology experts during the COVID-19 pandemic	Dr Muhammad Abbas Abid	1130-1140
3.	Evaluation of adjusted calcium levels in patients of chronic renal failure with hypo-albuminemia	Dr Hunain Habib	1140-1150
4.	Clinical evaluation of multiple serological diagnostic assays for detection of antibodies in COVID-19	Dr Hijab Batool	1150-1200
5.	Evaluation of zinc levels in patients of CKD	Dr Kehkashan	1200-1210
6.	Cross reactivity of COVID-19 IGG assay with known immune mediate disorders	Dr Nayab Zehra	1210-1220
7.	Comparing the effect of hypoalbuminemia on sodium measured by indirect versus direct ion selective electrode method	Maj Athar Iqbal Paracha	1220-1230
8.	Determination of diagnostic accuracy of biochemical parameters (CRP, LDH, ferritin) in the diagnosis of covid-19 in suspected COVID cases	Dr Tayyaba Ashiq	1230-1240
9.	Baseline procalcitonin (PCT) for anticipation of severity and mortality in a set of patients hospitalized with COVID-19	Dr Muhammad Umer Naeem Effendi	1240-1250
10.	Serum PIVKA-II: Reference interval of healthy population and establishment of its cutoff value for hepatocellular carcinoma diagnosis in Pakistan	Dr Faryal Husnain	1250-1300
11.	Development and validation of a liquid chromatography – mass spectrometry method for analysis of Methylmalonic acid in serum	Maj Hamid Awais	1300-1310
12.	Relationship between PCR and SARS COV2 antibody among healthcare workers	Maj Asma Khan	1310-1320
<b>Scientific Session 2</b>			
13.	Association of hyaluronic acid and laminin with polymerase chain reaction findings in hepatitis c patients	Maj Tahir Asad	1400-1410



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14.	Clinical and analytical validation of interleukin 6 (IL-6) in the clinical laboratory in COVID-19 pandemic	Dr Zaib-un-Nisa,	1410-1420
15.	Assessment of National External Quality Assurance Program of Pakistan (NEQAPP) as a tool for improving quality of lab results among participating laboratories	Maj Shahrukh Shah	1420-1430
16.	Comparison of il-6 with other inflammatory markers and their association with different levels of severity of COVID-19 disease spectrum of biochemical	Dr Basma Bukhari	1430-1440
17.	Comparison of estimated glomerular filtration rate with both serum creatinine and cystatin c (EGFR-CYS) versus single analyte (EGFR or EGFCYS) using CKD-EPI and MDRD equations in tertiary care hospital settings	Maj Usama Bin Khalid	1440-1450
18.	Association of liver and renal function derangements with disease severity in covid-19 patients	Dr Naila Hayat	1450-1500
19.	Association of therapeutic dose of valproic acid and plasma glycine levels in epileptic patients	Maj Shakeel Ahmad	1500-1510
20.	Alarming Increase of Hypervitaminosis D in Children: A Cross-sectional survey of clinical profiles and pharmacological factors from a tertiary care center in Pakistan	Dr Siraj Muneer	1510-1520
21.	Spectrum of biochemical derangements in patients with COVID-19 infection	Maj Sajjad Ali Haider	1520-1530
22.	Paradigm shifts in vitamin d testing and diagnosis: a decade-long observational study	Dr Nawazish Zehra	1530-1540
23.	Diagnostic accuracy of raised neutrophil gelatinase-associated lipocalin NGAL in predicting acute kidney injury after cardiac surgery	Dr Anum Iftikhar	1540-1550
24.	Accuracy of glycated hemoglobin (HBA1C) analysis via POCT vs laboratory-based assay in department of pathology, Bahawal Victoria hospital, Bahawalpur	Dr Sameen Asghar	1550-1600