Contents

P1 Thrombin-activatable fibrinolysis inhibitor and organ dysfunction in disseminated intravascular coagulation associated with sepsis
M Hayakawa, A Sawamura, M Sugano, S Uegaki, N Kubota, S Gando, S Jesmin

P2 Anti-endotoxin immunity in abdominal sepsis patients
O Butyrsky, V Starosek

P3 Presepsin (sCD14-ST) as a new diagnostic biomarker of sepsis: development of diagnostic tools using the whole blood
T Shozushima

P4 Investigation into problems associated with the endotoxin activity assay
N Matsumoto, G Takahashi, M Kojika, Y Ishibe, S Tatsuyori, S Yasushi, SK Inada, S Endo

P5 Yale insulin protocol infusion in sepsis patients
S Oliveira

P6 Early vasopressin application in shock
S Oliveira

P7 Endotoxin removal by hemoperfusion in septic shock
S Zielinski

P8 Urinary hepcidin is potentially a marker of systemic infection rather than inflammation, in the setting of preserved renal function
NJ Glassford, AG Schneider, G Eastwood, L Peck, H Young, M Westerman, V Ostland, R Bellomo

P9 Neutrophil gelatinase-associated lipocalin has a stronger association with serum creatinine than C-reactive protein in patients without sepsis; this relationship is lost in septic patients
NJ Glassford, AG Schneider, G Eastwood, L Peck, H Young, R Bellomo

P10 Neutrophil gelatinase-associated lipocalin as a marker of tubular damage appears to be unrelated to fractional excretion of sodium as a marker of tubular function in septic patients, with or without AKI
NJ Glassford, AG Schneider, G Eastwood, L Peck, H Young, R Bellomo

P11 Renal biomarkers are less useful at predicting acute kidney injury in patients with sepsis than those without
NJ Glassford, AG Schneider, G Eastwood, L Peck, H Young, M Westerman, V Ostland, R Bellomo

P12 Cancer patients with sepsis admitted to a specialized onco-medical ICU: incidence, ICU course and outcome
D Juneja, O Singh, Y Javeri, P Nasa, P Kumar

P13 Use of plasma protein fraction in patients with septic shock admitted to the ICU
D Juneja, O Singh, P Nasa, Y Javeri, R Dang

P14 ICU scoring systems: which one to use in patients with sepsis?
D Juneja, O Singh, P Nasa, Y Javeri, M Mathur, R Dang

P15 Comparison of the value of plasma and urine cystatin-C and neutrophil gelatinase-associated lipocalin levels in prediction of acute kidney injury in sepsis
G Gursel

P16 Clinical and biological effects of high-dose sodium selenite, continuously administered in septic shock
X Forceville, D Vivotz, W Wasowicz, M Delhous, P Van Antwerp, D Annan, E Plouvier, A Boutten, J Gromadzinska, B Laviolle, A Combès, E Bellissant

P17 Temperature management of patients with sepsis and inflammation in Australian and New Zealand ICUs: a point prevalence study
NE Hammond, MK Saxena, C Taylor, I Seppelt, P Glass, J Myburgh

P18 A survey of fever management in febrile intensive care patients without neurological injury
MK Saxena, NE Hammond, C Taylor, P Young, MC Reade, R Bellomo, J Myburgh

P19 Assessment of the usefulness of presepsin (soluble CD14 subtype) in septic patients
T Nishida, H Ishikura, A Mura, Y Irie, T Umemura, T Kamitani, S Endo

P20 An audit of awareness about maternal sepsis in a UK district general hospital
C Donohue, E Teh, M Kitching

P21 Septic shock and vasopressor requirement is associated with lower vitamin D levels in critically ill children
K Madden, HA Feldman, E Smith, CM Gordon, S Keisling, R Sullivan, BW Hollis, AA Agan, AG Randolph

P22 The endothelial glyocalyx degenerates with increasing sepsis severity
M Köhler, I Kaufmann, J Briegel, M Jacob, J Goeschl, W Rachinger, M Thiel, M Rehm

P23 Abstract withdrawn

P24 Early peak temperature and mortality in critically ill patients with or without infection
M Saxena, P Young, R Beasley, M Bailey, R Bellomo, D Pichcr, S Finfer, D Harrison, J Myburgh, K Rowan

P25 Role of procalcitonin and high-sensitivity C-reactive protein in sepsis: a prospective study
S Das, D Anand, S Ray, S Bhargava, A Manocha, M Kankra, LM Srivastava

P26 Prehospital identification of sepsis patients and alerting of receiving hospitals: impact on early goal-directed therapy
K Halimi, J Freeman-Garner, C Aqcaoli, K Choy, F Claridge, M Jacobs, M Taigman

P27 Abstract withdrawn

P28 Thalidomide in combination with augmentin (amoxicillin with clavulanic acid) protects BALB/c mice suffering from Klebsiella pneumoniae B5055-induced sepsis
V Kumar, S Chhibber

P29 A novel DDAH-1 inhibitor improved sepsis-induced impairment in vasoreactivity to noradrenaline in a rat endotoxaemia model
Z Wang, V Taylor, R Stidwill, J Leiper, M Singer

P30 A novel DDAH-1 inhibitor improved cardiovascular function in a short-term anesthetized rat model of sepsis
Z Wang, V Taylor, R Stidwill, J Leiper, M Singer

P31 Early detection of serum enteric bacterial DNA with real-time PCR in patients with SIRS
JM-C Yang
Direct effects of esmolol, ultra-short-acting β-blockers, on cardiac function, ion channels, and coronary arteries in guinea pigs
S Shibata

Abstract withdrawn

Sepsis-induced lung fibrosis in baboons is reduced by the treatment with a complement inhibitor

AB103, a CD28 antagonist peptide: a new therapeutic agent in a model of severe sepsis
D Teleman, C-S Chung, A Ayala, S Opal, A Chahin, A Shirvan

Cardiovascular effects of β-blockade in a sheep model of severe sepsis
P Calzavacca, R Ramchandra, L Booth, R Bellomo, CN May

A sepsis progression model in humans: characterization of biomarkers descriptive of sepsis progression
BW Footer, C-B Hsiao, DM Parish, P Wickremasingha, A-B Halim, G Senaldi, R Scheyet, JJ Schentag

Interplay between angiopoietin-2, vascular endothelial growth factor and peroxynitrite is an important determinant of vascular hyperpermeability during methicillin-resistant Staphylococcus aureus sepsis
P Enkhbaatar, Y Zhu, L Traber, D Traber

Clinical characteristics, management, and outcomes of sepsis in Lusaka, Zambia
SM Chimese, B Andrews, S Lakhi

AZD9773, a novel anti-TNFα immune Fab in development for severe sepsis and septic shock: demonstration of safety and efficacy in a murine CLP sepsis model
P Newham, P Ceuppens, S Das, JY Yates, R Knight, JS McKay

Efficacy of endotoxin absorption therapy on sepsis by polymyxin B-attached fibers
K Atagi

Lactate clearance as a simple bedside instrument to predict short-term mortality of severe septic patients
W Hambali, K Chen, D Widodo, E Dewiasty, HT Pohan, S Suwarto

Effect of low-dose steroid on NF-κB and caspase-3 intestinal expression in a sepsis mouse model
HA Guntur, HP Diding, HT Pohan, D Widodo

Etiological agents of bacterial sepsis in a newly constructed medical center in Saint Petersburg, Russia
E Barantsevich, N Barantsevich, N Rybkova, I Churkina, N Pestova, M Karpenko

Efficacy and safety of gelatin for fluid therapy in hypovolemia: a systematic review and meta-analysis
CS Hartog, V Vlasakov, DO Thomas-Rueddel, H Rueddel, R Hutagalung, K Reinhart

Index to authors
Index to authors

Agan, AA, P21
Ageaolli, C, P26
Anand, D, P25
Andrews, B, P40
Annane, D, P16
Atagi, K, P42
Ayala, A, P35
Bailey, M, P24
Barantsevich, E, P45
Barantsevich, N, P45
Beasley, R, P24
Bellissant, E, P16
Bellomo, R, P8, P9, P10, P11, P18, P24, P36
Bhargava, S, P25
Booth, L, P36
Boutten, A, P16
Briegel, J, P22
Butyrsky, O, P2
Calzavacca, P, P36
Ceuppens, P, P41
Chahin, A, P35
Chen, K, P43
Chhibber, S, P28
Chimese, SM, P40
Choy, K, P26
Chung, C-S, P35
Churkina, I, P45
Claridge, F, P26
Combes, A, P16
Dang, R, P13, P14
Das, S, P25, P41
Dehoux, M, P16
Dewiasty, E, P43
Diding, HP, P44
Donohue, C, P20
Eastwood, G, P8, P9, P10, P11
Endo, S, P4, P19
Enkhbaatar, R, P39
Feldman, HA, P21
Finfer, S, P24
Footer, BW, P37
Forceville, X, P16
Freeman-Garrick, J, P26
Gando, S, P1
Georgescu, C, P34
Glass, P, P17
Glassford, NJ, P8, P9, P10, P11
Goeschl, J, P22
Gordon, CM, P21
Gromadzinska, J, P16
Gupta, HA, P44
Gursel, G, P15
Halim, A-B, P37
Halimi, K, P26
Hambarli, W, P43
Hambali, NE, P17, P18
Harrison, D, P24
Hartog, CS, P46
Hayakawa, M, P1
Hollis, BW, P21
Hsiao, C-B, P37
Hutagalung, R, P46
Inada, SK, P4
Irie, Y, P19
Ishibe, Y, P4
Ishikura, H, P19
Jacob, M, P22
Jacob, M, P26
Javeri, Y, P12, P13, P14
Jesmin, S, P1
Juneja, D, P12, P13, P14
Kamitani, T, P19
Kankra, M, P25
Karpenko, M, P45
Kaufmann, J, P22
Keisling, S, P21
Kinasewitz, G, P34
Kitching, M, P20
Knight, R, P41
Kühler, M, P22
Kojika, M, P4
Kubota, N, P1
Kumar, P, P12
Kumar, V, P28
Lakhi, S, P40
Lambris, J, P34
Laviole, B, P16
Leiper, J, P29, P30
Lupu, C, P34
Lupu, F, P34
Madden, K, P21
Manocha, A, P25
Mathur, M, P14
Matsumoto, N, P4
May, CN, P36
Mckay, J, P41
Murai, A, P19
Myburgh, J, P17, P18, P24
Nasa, P, P12, P13, P14
Newham, P, P41
Nishida, T, P19
Oliveira, S, P5, P6
Opal, S, P35
Ostland, V, P8, P11
Paris, DM, P37
Peck, L, P8, P9, P10, P11
Peer, G, P34
Pestova, N, P45
Pilcher, D, P24
Plouvier, E, P16
Pohan, HT, P43, P44
Pospelov, N, P34
Rachinger, W, P22
Ramchandra, R, P36
Randolph, AG, P21
Ray, S, P25
Reade, MC, P18
Rehm, M, P22
Reinhart, K, P46
Rowan, K, P24
Rueddel, H, P46
Rybkova, N, P45
Sawambara, A, P1
Saxena, MK, P17, P18, P24
Schentag, JJ, P37
Scheyer, R, P37
Schneider, AG, P8, P9, P10, P11
Senaldi, G, P37
Seppelt, I, P17
Shibata, S, P32
Shirvan, A, P35
Shozushima, T, P3
Silasi-Mansat, R, P34
Singeer, M, P29, P30
Singh, O, P12, P13, P14
Smith, E, P21
Srivastava, LM, P25
Starosek, V, P2
Stidwill, R, P29, P30
Sugano, M, P1
Sullivan, R, P21
Suwanto, S, P43
Taigman, M, P26
Takahashi, G, P4
Tatsuyori, S, P4
Taylor, C, P17, P18
Taylor, F, P34
Taylor, V, P29, P30
Teh, E, P20
Telemen, D, P35
Thiel, M, P22
Thomas-Rueddel, DO, P46
Traber, D, P39
Traber, L, P39
Uegaki, S, P1
Umemura, T, P19
Van Antwerpeen, P, P16
Vitoux, D, P16
Vlasakov, V, P46
Wang, Z, P29, P30
Wasowsicz, W, P16
Westerman, M, P8, P11
Wickremasinghin, R, P37
Widodo, D, P43, P44
Yang, JM, C, P31
Yasushi, S, P4
Yates, JWT, P41
Young, H, P8, P9, P10, P11
Young, P, P18
Young, P, P24
Zhu, H, P34
Zhu, Y, P39
Zielinski, S, P7