

# Contents

## Papers

- The presence of lupus nephritis additionally increases the risk of preeclampsia among pregnant women with systemic lupus erythematosus 1031  
*K Bremme, S Honkanen, I Gunnarsson and R Chaireti*
- Clinico-pathological associations of serum VCAM-I and ICAM-I levels in patients with lupus nephritis 1039  
*KYC Yu, S Yung, MKM Chau, CSO Tang, DYH Yap, AHN Tang, SKY Ying, CK Lee and TM Chan*
- Medication adherence is influenced by resilience in patients with systemic lupus erythematosus 1051  
*C Mendoza-Pinto, M García-Carrasco, S Campos-Rivera, P Munguía-Realpozo, I Etchegaray-Morales, J Ayón-Aguilar, NE Alonso-García and S Méndez-Martínez*
- Systematic review of digital and non-digital non-pharmacological interventions that target quality of life and psychological outcomes in adults with systemic lupus erythematosus 1058  
*A Chang, NW Winqvist, AB Wescott, EG Lattie and AK Graham*
- Impaired olfactory neural circuit in patients with SLE at early stages 1078  
*C Chen, W Kong, J Liang, J Lu, D Chen, Y Sun, X Zhang, Z Qing, X Feng, L Sun and B Zhang*
- mRNA expression analysis confirms CD44 splicing impairment in systemic lupus erythematosus patients 1086  
*A Latini, L Novelli, F Ceccarelli, C Barbati, C Perricone, G De Benedittis, F Conti, G Novelli, C Ciccacci and P Borgiani*
- The coexistence of familial Mediterranean fever (FMF) in systemic lupus erythematosus (SLE) patients – A cross sectional study 1094  
*TL Klein, S Tiosano, Y Gilboa, Y Shoenfeld, A Cohen and H Amital*
- Cognitive dysfunction among people with systemic lupus erythematosus is associated with reduced participation in daily life 1100  
*MY Kim, D Sen, RR Drummond, MC Brandenburg, KLP Biesanz, AHJ Kim, SA Eisen, CM Baum and ER Foster*
- Validation and verification of the Japanese version of the systemic lupus erythematosus symptom checklist for patient quality of life 1108  
*H Doi, K Ohmura, Y Tabuchi, M Hashimoto, Y Takase, R Inaba, T Kozuki, T Iwasaki, M Taniguchi, K Kitagori, S Akizuki, K Murakami, R Nakashima, H Yoshifuji, W Yamamoto, M Tanaka and M Akio*
- Uncoupled bone remodeling is characteristic of bone damage in premenopausal women with new-onset systemic lupus erythematosus 1116  
*L Zhu, J Zhang, J wang, X Lv, D Pu, Y Wang, Q Men and L He*
- Fatigue in patients with systemic lupus erythematosus and neuropsychiatric symptoms is associated with anxiety and depression rather than inflammatory disease activity 1124  
*RC Monahan, LJJ Beart-van de Voorde, J Eikenboom, R Fronczek, M Kloppenburg, HAM Middelkoop, GM Terwindt, N JA van der Wee, TWJ Huizinga and GM Steup-Beekman*
- Fatty acid binding protein 4 (FABP4) and metabolic-related parameters in systemic lupus erythematosus active and non-active episode 1133  
*L Hamijoyo, M Putri, VR Alita, N Atik and MRAA Syamsunarno*
- Association of antiphospholipid antibodies with clinical activity and renal pathological activity in patients with lupus nephritis 1140  
*J Zhang, J Zhang, Q Zhou, G Lu and X You*
- Prevalence and treatment conditions for hypertension and dyslipidaemia complicated with systemic lupus erythematosus: A multi-centre cross-sectional study 1146  
*M Saito, N Yajima, R Yanai, Y Tsubokura, K Ichinose, R Yoshimi, S Ohno and K-e Sada*

Left ventricular diastolic dysfunction and diseases severity contribute to impaired exercise capacity in systemic lupus erythematosus 1154  
*M Czurzyński, A Chrzanowska, P Bienias, J Domienik-Karłowicz, P Sobieraj, K Dąbrowska, I Dudzik-Niewiadomska, K Kurnicka, B Kisiel and P Pruszczyk*

Hydroxychloroquine prophylaxis for preeclampsia, hypertension and prematurity in pregnant patients with systemic lupus erythematosus: A meta-analysis 1163  
*J Duan, D Ma, X Wen, Q Guo, J Gao, G Zhang, K Xu and L Zhang*

## **Pediatric Lupus**

Shrinking lung syndrome in pediatric systemic lupus erythematosus 1175  
*ART Jimenez, NR Vela, AIC Cruz, AV Cruz and AKB Gonzalez*

Association of microRNA-125a with the clinical features, disease activity and inflammatory cytokines of juvenile-onset lupus patients 1180  
*E Eissa, B Morcos, RFM Abdelkawy, HH Ahmed and NM Kholoussi*

## **Case Reports**

Systemic lupus erythematosus and COVID-19 during pregnancy 1188  
*HTW Smeele, LF Perez-Garcia, K Grimminck, S Schoenmakers, AGMGJ Mulders and RJEM Dolhain*

Acute pericardial tamponade: The initial manifestation of systemic lupus erythematosus with Graves' hyperthyroidism 1192  
*M Yu, Y Gao, H Jin and S Shou*

## **Lupus around the World**

Systemic lupus erythematosus in children and adults: A retrospective study in Brazilian patients 1197  
*MFF Bortolini, VP Pereira, TAFGD Santos, R Nisihara and TL Skare*