VOL 39 • NOVEMBRO 2014 (SUPLEMENTO)

SUMÁRIO/CONTENTS

II – Mechanisms that drive chronicity in RA synovitis	8
I2 – CD28 expression is required after T cell priming for helper T cell responses and protective immunity to infection	8
I3 – Human TFH subsets in health and disease	8
14 – Beta cell defects contribute to diabetes susceptibility in non-obese diabetic mice	9
I5 – T cells in neuroinflammation	9
16 – Regulatory T cell therapy in organ transplantation	10
17 – Anthracyclines induce DNA damage response-mediated protection against severe sepsis	10
18 – Control of central nervous system autoimmunity by regulatory T cells depends on TNF/TNFR2	10
19 – Suppression and resistance to suppression by human Tregs in health and disease	11
110 – Personalised medicine and persistence in biologic therapy: the perspective from rheumatology	12
III – Marco-targeting carboxylated PLG nanoparticles promote tolerance induction and suppression of inflammatory monocytes acknowledgement	13
I12 - Organ-specific chronic inflammation: the paradigm of liver diseases	13
I13 – Follicular helper T cells in type 1 diabetes	14
I14 - Genetics of mucosal inflammatory diseases: focus on inflammatory bowel disease	14
I15 – IL-17 in spondyloarthritis	15
117 – Induction and regulation of IL-17+ T cells in human inflammatory disease	15
I18 – The systemic autoinflammatory diseases	16
ORAL PRESENTATIONS	
O1 – Stromal overexpression of transmembrane TNF induces experimental spondyloarthritis in mice	18
O2 – Induction of IL-10 expression in human CD4+ T cell subsets by biological therapeutics	18
O3 – Novel role for MIR-125b in regulating metabolic adaptation of monocytes to inflammation	19
O4 – A role for endogenous IL-22 binding protein in blocking beneficial actions of IL-22 in experimental acute colitis and Crohn's disease	20
O5 – T follicular helper (TFH) and FOXP3+ T follicular regulatory (TFR) cells have a different TCR repertoire	20
O6 – Receptor activating NF-B ligand (RANKL) is a constitutive intracellular protein in resting human basophils and is strongly induced on their surface by interleukin 3	21
O7 – Targeting synovial mast cells in spondyloarthritis: a proof-of-concept study with the tyrosine kinase inhibitor nilotinib	21
O8 – Rheumatoid arthritis patients have alterations in inherently autoreactive 9G4+ B-cell subpopulations in peripheral blood	22
O9 – Mir-146a deficiency in ly6 c^{high} monocytes contributes to pathogenic bone loss during inflammatory arthritis	22
O10 – Human mast cells engulf and store exogenous IL-17A	23
O11 – B-cell markers expression is affected by tnf-inhibitors and tocilizumab treatment in rheumatoid arthritis	23
O12 – Fibroblast-like synoviocytes (FLS)-specific aptamer facilitates the conjugated-triptolide selectively targeting rheumatic joints with less exposure to liver in rodents	24

VOL 39 • NOVEMBRO 2014 (SUPLEMENTO)

SUMÁRIO/CONTENTS

POSTER PRESENTATIONS ————————————————————————————————————	
P1 – Epistatic interaction of ERAP1 and HLA-B in Behçet disease in the spanish population	28
P2 – Induction of long-term tolerance to factor VIII in hemophilic a mice	28
P3 – IL-9 expression by invariant natural killer T (iNKT) cells is imprinted outside the thymus	29
P4 – Whole-exome sequencing as a diagnostic tool for severe immunodeficiencies	29
P5 – Dense genome-wide DNA methylation analysis in monozygotic twins with inflammatory bowel disease and primary sclerosing cholangitis	30
P6 – Gene expression profiling in peripheral blood mononuclear cells and modulation of T and B cells following intravenous immunoglobulin therapy in patients with common variable immunodeficiency	30
P7 – Peptidoglycan recognition protein 4 as a negative regulator of IL1BETA	31
P8 – Pro-resolving mediators modulating APC metabolism toward a tolerogenic profile allowed treatment of inflammation in collagen-induced arthritic mice	31
P9 – Effects of the chinese herbal mixture <i>baizhu huangqi</i> tang on the expression of cytokines in LPS-stimulated U937 cells	32
P10 – Anti-inflammatory and anti-angiogenesis effects of triptolide in rats with collagen-induced arthritis	33
P11 – FOXP3+ iNKTreg cells promote local immunessupression leading to long-term survival of intra-portal islet allografts in diabetic mice	33
P12 – Arthritis induces early bone high turnover, structural degradation and mechanical weakness	34
p13 – effects of ligustrazine on rheumatoid arthritis based on network pharmacology research	34
P14 – Sleep disturbances in rheumatoid arthritis: relationship with the disease severity and psycho-emotional status	35
P15 – Sex differences in psoriatic diseases clinical features and drug survival	36
P16 – Cell-surface expression of chemokine receptors CCR1 and CCR2 in PB B-lymphocytes of patients with rheumatoid arthritis, osteoarthritis, and B-cell lymphoproliferative disorder	36
P17 – Severe xerostomia in men: a diagnostic challenge	37
P18 – Triptolide might treat rheumatoid arthritis by regulating proinflammatory response through TREM1 signal pathway	37
P19 – Rheumatoid arthritis: a disease associated with cardiovascular risk	39
P20 – Chronic inflammation and cardiovascular disease in rheumatoid arthritis: role of anti citrulinated peptide antibodies	40
P21 – Changes in videocapillaroscopy in children with juvenile idiopathic arthritis (JIA): an observational study	40
P22 – Refractory chronic erythema nodosum and anti TNF	40
P23 – Periungueal capillaroscopy findings in a series of patients with systemic lupus erythematosus: an observational study	41
P24 – Crossreactive autoantibodies directed against cutaneous and joint antigens are a hallmark of psoriatic arthritis	42
P25 – Gene expression profiling in peripheral blood cells and synovial membranes of patients with psoriatic arthritis	42
P26 – Receptor activator of NF-KB expression is reduced in circulating monocytes from ankylosing spondylitis patients	43
P27 – Predictors of remission in axial spondyloarthritis patients treated with non-steroidal anti-inflammatory drugs	43
P28 – Are arthroscopic guided synovial biopsies still relevant in rheumatology practice?	44

VOL 39 • NOVEMBRO 2014 (SUPLEMENTO)

SUMÁRIO/CONTENTS

P29 – A mathematical approach to understand the disease biology: RA blood based disease activity score (RABBDAS)	44
P30 – IL-1RA secreted by mesenchymal stem cells exerts a key immunomodulatory role on the maturation of B cells and macrophages	45
P31 – Mesenchymal stem cells induce non-classical IL10-producing regulatory TH17 cells in arthritis: role of gilz	45
P32 – The long-term effectiveness of rituximab in rheumatoid arthritis depends on the treatment sequencing strategy, patient age and duration of disease	46
P33 – Clinical and pathological differences of elderly- and younger-onset rheumatoid arthritis in an early arthritis cohort	46
P34 – Hepatitis B serologic profile and reactivation in rheumatic patients treated with biological therapies – single centre experience	47
P35 – Anti-Ribo-P and Anti-Ku antibodies as systemic lupus erythematosus diagnostic biomarkers	48
P36 – Cardiovascular risk in patients with systemic lupus erythematosus evaluated with carotid ultrasonography	49

51

AUTHOR INDEX