List of Abbreviations

OA: Osteoarthritis
RA: Rheumatoid arthritis
TNFα: Tumor necrosis factor alpha
IL-1: Interleukin-1
RF: Rheumatoid factor
CCP: Cyclic citrullinated peptides
MMPs: Matrix metalloproteinases
FLS: Fibroblast-like synoviocytes
ACR: American College of Rheumatology
MRI: Magnetic resonance imaging
ESR: Erythrocyte sedimentation rate
CRP: C-reactive protein
NSAIDS: Non-steroidal anti-inflammatory drugs
DMARDS: Disease-modifying antirheumatic drugs
PBMCs: Peripheral blood mononuclear cells
SFMCs: Synovial fluid mononuclear cells
BMMCs: Bone marrow derived mononuclear cells
iTRAQ: Isobaric tags for relative and absolute quantitation
SELDI: Surface enhanced laser desorption/ionization
IEF: Isoelectric focussing
DIGE: Differential in gel electrophoresis
SCX: Strong cation exchange chromatography
MARS: Multiple affinity removal system
DDT: Dithiothreitol
IAA: Iodoacetamide
RP: Reverse phase
GO: Gene ontology
MRM: Multiple reaction monitoring
HPRD: Human protein reference database
ECM: Extracellular matrix
OGN: Osteoglycin
ANPEP: Alanyl aminopeptidase
DKK3: Dickkopf WNT signaling pathway inhibitor 3
CAPG: Macrophage capping protein
FGL2: Fibroleukin 2
HK3: Hexokinase 3
ENO1: Enolase 1
GPI: Glucose 6-phosphate isomerase