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Biology and function of adipose tissue macrophages, dendritic cells and B cells

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11 12 13	Author contact email: <u>Stoyan.ivanov@unice.fr; rguinamard@unice.fr</u> Key words: Macrophage, Dendritic cell, B cell, Adipose tissue, Obesity
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$15\\16\\17\\18\\20\\21\\22\\23\\24\\25\\27\\28\\29\\31\\32\\33$	 Homeostatic and pathological maintenance of adipose tissue resident macrophages The diversity and complexity of adipose tissue macrophage origin Differentiation and survival of adipose tissue macrophages Tuned balance between monocyte recruitment and macrophage proliferation/polarization Control of macrophage polarization by environmental cues Function of adipose tissue macrophages during obesity Diversity of adipose tissue depots Role of visceral adipose tissue macrophages during obesity Role of subcutaneous and brown adipose tissue macrophages in thermogenesis Heterogeneity of adipose tissue dendritic cells: Is there a role for DCs in obesity? Dendritic cell nomenclature Specific adipose tissue dendritic cell signature
34 35 36 37 38 39 40	3. Adipose tissue dendritic cells and obesity IV. Emerging role of adipose tissue B cells

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