

1. Aloe vera downregulates LPS-induced inflammatory cytokine production and expression of NLRP3 inflammasome in human macrophages

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Molecular Immunology

Volume 56, Issue 4, 31 December 2013, Pages 471-479

Document Type: Article IF: 2.645

2. Enhanced stability of monomer fold correlates with extreme drug resistance of hiv-1 protease

Louis, J.M.^a, Tözsér, J.^b, Roche, J.^a, Matúz, K.^b, Aniana, A.^a, Sayer, J.M.^a

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Biochemistry

Volume 52, Issue 43, 29 October 2013, Pages 7678-7688

Document Type: Article IF: 3.377

3. A molecular model of the full-length human NOD-like receptor family CARD domain containing 5 (NLRC5) protein

Mótyán, J.A.^a, Bagossi, P.^a, Benko, S.^b, Tozsér, J.^a

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BMC Bioinformatics

Volume 14, Issue 1, 17 September 2013, Article number 275

Document Type: Article IF: 3.024

4. Tear fluid proteomics multimarkers for diabetic retinopathy screening

Torok, Z.^{af}, Peto, T.^b, Csosz, E.^c, Tukacs, E.^{af}, Molnar, A.^d, Maros-Szabo, Z.^{af}, Berta, A.^{eg}, Tozser, J.^{cg}, Hajdu, A.^a, Nagy, V.^e, Domokos, B.^f, Csutak, A.^{eg}

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BMC Ophthalmology

Volume 13, Issue 1, 2013, Article number 40

Document Type: Article IF: 1.444

5. Differential temperature dependence of tobacco etch virus and rhinovirus 3C proteases

Raran-Kurussi, S.^a, Tözsér, J.^b, Cherry, S.^a, Tropea, J.E.^a, Waugh, D.S.^a

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Analytical Biochemistry

Volume 436, Issue 2, 15 May 2013, Pages 142-144

Document Type: Article IF: 2.582

6. In vivo application of a small molecular weight antifungal protein of *Penicillium chrysogenum* (PAF)

Palicz, Z.^a, Jenés, T.^a, Gáll, T.^a, Miszti-Blasius, K.^b, Kollár, S.^c, Kovács, I.^c, Emri, M.^d, Márián, T.^d, Leiter, T.^e, Pócsi, I.^e, Csosz, T.^f, Kalló, G.^f, Hegedus, C.^g, Virág, L.^g, Csernoch, L.^a, Szentesi, P.^a

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Toxicology and Applied Pharmacology

Volume 269, Issue 1, 15 May 2013, Pages 8-16

Document Type: Article IF: 3.975

7. Monocyte-derived dendritic cell subpopulations use different types of matrix metalloproteinases inhibited by GM6001

Kis-Toth, K.^{ac}, Bacskai, I.^a, Gogolak, P.^a, Mazlo, A.^a, Szatmari, I.^b, Rajnavolgyi, E.^a

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Immunobiology

Volume 218, Issue 11, November 2013, Pages 1361-1369

Document Type: Article IF: 2.814

8. Integrative Genomics Identifies Gene Signature Associated with Melanoma Ulceration

Rakosy, Z.^{ab}, Ecsedi, S.^{ab}, Toth, R.^a, Vizkeleti, L.^{ab}, Hernandez-Vargas, H.^c, Lazar, V.^a, Emri, G.^c, Szatmari, I.^d, Herceg, Z.^e, Adany, R.^{ab}, Balazs, M.^{ab}

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PLoS ONE

Volume 8, Issue 1, 30 January 2013, Article number e54958

Document Type: Article IF: 3.730

9. Macrophages engulfing apoptotic thymocytes produce retinoids to promote selection, differentiation, removal and replacement of double positive thymocytes

Sarang, Z.^a, Garabuczi, E.^a, Joós, G.^a, Kiss, B.^a, Tóth, K.^a, Rühl, R.^b, Szondy, Z.^a

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Immunobiology

Volume 218, Issue 11, November 2013, Pages 1354-1360

Document Type: Article IF: 2.814

10. Celiac Disease-Specific TG2-Targeted Autoantibodies Inhibit Angiogenesis Ex Vivo and In Vivo in Mice by Interfering with Endothelial Cell Dynamics

Kalliokoski, S.^a, Sulic, A.-M.^a, Korponay-Szabó, I.R.^{ab}, Szondy, Z.^c, Frias, R.^d, Perez, M.A.^e, Martucciello, S.^{af}, Roivainen, A.^g, Pelliniemi, L.J.^h, Esposito, C.^f, Griffin, M.^e, Sblattero, D.ⁱ, Mäki, M.^a, Kaukinen, K.^j, Lindfors, K.^a, Caja, S.^a

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PLoS ONE

Volume 8, Issue 6, 18 June 2013, Article number e65887

Document Type: Article IF: 3.730

11. PPAR γ -Mediated and Arachidonic Acid-Dependent Signaling Is Involved in Differentiation and Lipid Production of Human Sebocytes (Article in press ?)

Dozsa, A.^{ab}, Dezso, B.^c, Toth, B.I.^d, Bacsi, A.^e, Poliska, S.^f, Camera, E.^g, Picardo, M.^g, Zouboulis, C.C.^h, Bíró, T.^d, Schmitz, G.ⁱ, Liebisch, G.ⁱ, Rühl, R.^f, Remenyik, E.^j, Nagy, L.^{ak}

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Journal of Investigative Dermatology

15 October 2013

Document Type: Article in Press IF: 6.193

12. Eicosanoids and docosanoids in plasma and aorta of healthy and atherosclerotic rabbits

Szklenar, M.^{ab}, Kalkowski, J.^d, Stangl, V.^d, Lorenz, M.^d, Rühl, R.^{abc}

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Journal of Vascular Research

Volume 50, Issue 5, October 2013, Pages 372-382

Document Type: Article IF: 2.434

13. Allergen-Induced Dermatitis Causes Alterations in Cutaneous Retinoid-Mediated Signaling in Mice

Gericke, J.^a, Ittensohn, J.^a, Mihály, J.^{ab}, Dubrac, S.^c, Rühl, R.^{abd}

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PLoS ONE

Volume 8, Issue 8, 15 August 2013, Article number e71244

Document Type: Article IF: 3.730

14. Ratio of Pro-Resolving and Pro-Inflammatory Lipid Mediator Precursors as Potential Markers for Aggressive Periodontitis

Zein Elabdeen, H.R.^a, Mustafa, M.^a, Szklenar, M.^b, Rühl, R.^{bc}, Ali, R.^d, Bolstad, A.I.^a

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PLoS ONE

Volume 8, Issue 8, 12 August 2013, Article number e70838

Document Type: Article IF: 3.730

15. Reduced lipoxygenase and cyclooxygenase mediated signaling in PBMC of atopic dermatitis patients (Article in press ?)

Mihály, J.^{ab}, Gericke, J.^a, Töröcsik, D.^{cd}, Gáspár, K.^{cd}, Szegedi, A.^{cd}, Rühl, R.^{abe}

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Prostaglandins and Other Lipid Mediators

2013

Document Type: Article in Press IF: 2.422

16. Non-pro-vitamin A and pro-vitamin A carotenoids in atopy development (Review)

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International Archives of Allergy and Immunology

Volume 161, Issue 2, May 2013, Pages 99-115

Document Type: Review

17. Lycopene-derived bioactive retinoic acid receptors/retinoid-X receptors-activating metabolites may be relevant for lycopene's anti-cancer potential (Review)

Aydemir, G.^a, Kasiri, Y.^a, Birta, E.^a, Béke, G.^a, Garcia, A.L.^c, Bartók, E.-M.^a, Rühl, R.^{abd}

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Molecular Nutrition and Food Research

Volume 57, Issue 5, May 2013, Pages 739-747

Document Type: Review

18. Regulation of Retinoid-Mediated Signaling Involved in Skin Homeostasis by RAR and RXR Agonists/Antagonists in Mouse Skin

Gericke, J.^a, Ittensohn, J.^a, Mihály, J.^{ab}, Álvarez, S.^c, Álvarez, R.^c, Töröcsik, D.^d, de Lera, Á.R.^c, Rühl, R.^{abe}

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PLoS ONE

Volume 8, Issue 4, 24 April 2013, Article number e62643

Document Type: Article IF: 3.730

19. Reduced retinoid signaling in the skin after systemic retinoid-X receptor ligand treatment in mice with potential relevance for skin disorders

Mihály, J.^a, Gericke, J.^a, Aydemir, G.^a, Weiss, K.^a, Carlsen, H.^c, Blomhoff, R.^c, Garcia, J.^{ad}, Rühl, R.^{ab}

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Dermatology

Volume 225, Issue 4, March 2013, Pages 304-311

Document Type: Article IF: 2.024

20. Identification of a specific one amino acid change in recombinant human transglutaminase 2 that regulates its activity and calcium sensitivity

Kanchan, K.^a, Ergülen, E.^b, Király, R.^a, Simon-Vecsei, Z.^a, Fuxreiter, M.^c, Fésüs, L.^d

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Biochemical Journal

Volume 455, Issue 3, 1 November 2013, Pages 261-272

Document Type: Article IF: 4.654

21. High content analysis of differentiation and cell death in human adipocytes

Doan-Xuan, Q.M.^a, Sarvari, A.K.^b, Fischer-Posovszky, P.^c, Wabitsch, M.^c, Balajthy, Z.^b, Fesus, L.^{bd}, Bacso, Z.^a

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Cytometry Part A

Volume 83, Issue 10, October 2013, Pages 933-943

Document Type: Article IF: 3.711

22. Novel role of ICAM3 and LFA-1 in the clearance of apoptotic neutrophils by human macrophages

Kristóf, E.^a, Zahuczky, G.^b, Katona, K.^a, Doró, Z.^b, Nagy, E.^b, Fésüs, L.^a

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Apoptosis

Volume 18, Issue 10, 2013, Pages 1235-1251

Document Type: Article IF: 3.949

23. Polymorphism of transglutaminase 2: Unusually low frequency of genomic variants with deficient functions

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Amino Acids

Volume 44, Issue 1, January 2013, Pages 215-225

Document Type: Article IF: 3.914

24. Retinoids produced by macrophages engulfing apoptotic cells contribute to the appearance of transglutaminase 2 in apoptotic thymocytes

Garabuczi, É.^a, Kiss, B.^a, Felszeghy, S.^b, Tsay, G.J.^c, Fésüs, L.^a, Szondy, Z.^a _ _

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Amino Acids

Volume 44, Issue 1, January 2013, Pages 235-244

Document Type: Article IF: 3.914

25. Alternative splicing of intrinsically disordered regions and rewiring of protein interactions (Review)

Buljan, M.^a, Chalancon, G.^a, Dunker, A.K.^b, Bateman, A.^c, Balaji, S.^a, Fuxreiter, M.^d, Babu, M.M.^a

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Current Opinion in Structural Biology

Volume 23, Issue 3, June 2013, Pages 443-450

Document Type: Review

26. Optimization of reorganization energy drives evolution of the designed Kemp eliminase KE07

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Biochimica et Biophysica Acta - Proteins and Proteomics

Volume 1834, Issue 5, May 2013, Pages 908-917

Document Type: Article IF: 3.733

27. Tissue LyC6- macrophages are generated in the absence of circulating LyC6-monocytes and Nur77 in a model of muscle regeneration

Varga, T.^a, Mounier, R.^{bcd}, Gogolak, P.^e, Poliska, S.^f, Chazaud, B.^{bcd}, Nagy, L.^{ag} --

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Journal of Immunology

Volume 191, Issue 11, 1 December 2013, Pages 5695-5701

Document Type: Article IF: 5.520

28. Nuclear hormone receptors are powerful regulators of stem cell maintenance, differentiation, metabolism and function (Editorial)

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Seminars in Cell and Developmental Biology

Volume 24, Issue 10-12, December 2013, Page 669

Document Type: Editorial

29. PPAR γ needs a helping hand to make fat (Editorial)

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Cell Death and Differentiation

Volume 20, Issue 12, December 2013, Pages 1599-1600

Document Type: Editorial

30. Nuclear receptors as regulators of stem cell and cancer stem cell metabolism (Review)

Simandi, Z.^a, Cuaranta-Monroy, I.^a, Nagy, L.^{ab} --

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Seminars in Cell and Developmental Biology

Volume 24, Issue 10-12, December 2013, Pages 716-723

Document Type: Review

31. Pro-inflammatory cytokines negatively regulate PPAR γ mediated gene expression in both human and murine macrophages via multiple mechanisms

Nagy, Z.S.^a, Czimmerer, Z.^{ab}, Szanto, A.^a, Nagy, L.^{ab} --

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Immunobiology

Volume 218, Issue 11, November 2013, Pages 1336-1344

Document Type: Article IF: 2.814

32. EMDS 2012: 26th Meeting of the European society for macrophage and dendritic cell biology in Debrecen, Hungary, September 1-3, 2012 (Editorial)

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Immunobiology

Volume 218, Issue 11, November 2013, Page 1311

Document Type: Editorial

33. A novel method to predict regulatory regions based on histone mark landscapes in macrophages

Nagy, G.^a, Dániel, B.^a, Jónás, D.^a, Nagy, L.^{ab}, Barta, E.^{ab} --

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Immunobiology

Volume 218, Issue 11, November 2013, Pages 1416-1427

Document Type: Article IF: 2.814

34. Hmgb1 can facilitate activation of the matrilin-1 gene promoter by Sox9 and L-Sox5/Sox6 in early steps of chondrogenesis

Szénási, T.^a, Kénesi, E.^a, Nagy, A.^{ab}, Molnár, A.^a, Bálint, B.L.^c, Zvara, Á.^b, Csabai, Z.^a, Deák, F.^a, Boros Oláh, B.^c, Mátés, L.^b, Nagy, L.^{cd}, Puskás, L.G.^{be}, Kiss, I.^{ae} --

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Biochimica et Biophysica Acta - Gene Regulatory Mechanisms

Volume 1829, Issue 10, October 2013, Pages 1075-1091

Document Type: Article IF: 5.456

35. RDH10, RALDH2, and CRABP2 are required components of PPAR γ -directed ATRA synthesis and signaling in human dendritic cells

Gyöngyösi, A.^a, Szatmari, I.^a, Pap, A.^a, Dezso, B.^b, Pos, Z.^{de}, Széles, L.^a, Varga, T.^a, Nagy, L.^{ac}

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Journal of Lipid Research

Volume 54, Issue 9, September 2013, Pages 2458-2474

Document Type: Article IF: 4.386

36. The role of lipid-activated nuclear receptors in shaping macrophage and dendritic cell function: From physiology to pathology

Kiss, M.^a, Czimmerer, Z.^a, Nagy, L.^{ab}

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Journal of Allergy and Clinical Immunology

Volume 132, Issue 2, August 2013, Pages 264-286

Document Type: Article IF: 12.047

37. Pharmacogenetics and pharmacogenomics in rheumatology

Szekanecz, Z.^a, Meskó, B.^b, Poliska, S.^b, Vánca, A.^a, Szamosi, S.^a, Végh, E.^a, Simkovics, E.^a, Laki, J.^c, Kurkó, J.^{ad}, Besenyi, T.^{ad}, Mikecz, K.^d, Glant, T.T.^d, Nagy, L.^b

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Immunologic Research

Volume 56, Issue 2-3, July 2013, Pages 325-333

Document Type: Article IF: 2.963

38. Peripheral blood derived gene panels predict response to infliximab in rheumatoid arthritis and Crohn's disease

Mesko, B.^a, Poliska, S.^{acg}, Váncsa, A.^d, Szekanecz, Z.^d, Palatka, K.^e, Hollo, Z.^f, Horvath, A.^c, Steiner, L.^c, Zahuczky, G.^g, Podani, J.^h, Nagy, L.^{abc}

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Genome Medicine

Volume 5, Issue 6, 28 June 2013, Article number 59

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39. Nuclear receptor mediated mechanisms of macrophage cholesterol metabolism (Review)

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Molecular and Cellular Endocrinology

Volume 368, Issue 1-2, 10 April 2013, Pages 85-98

Document Type: Review