Curriculum vitae

Prof. Dr. Alexander Steinkasserer

General Information

Date of birth:

Current position: University Professor and Head of Department

Affiliation: Department of Immune Modulation
University Hospital Erlangen

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Academic Education and Degrees

17/12/1996	Habilitation: Subject "*Molecular Biology"*, at the University of Vienna
07/07/1984	PhD Graduation at the University of Innsbruck
30/05/ 1984	Philosophikum: Final mark "*Excellent*"
12/04/ 1984	Rigorosum: Final mark "*Excellent*"
01/1981 - 11/1983	Dissertation: Final mark „*Excellent"*
10/1977 - 07/1984	Study Biology at the University of Innsbruck

Academic and Scientific Career

07/1998 – today	University Professor and Head of the Department of Immune Modulation, at the University Hospital Erlangen, Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)

07/1997 – 06.1998 Head of Divison at the Immunological Day Clinic, Vienna
08/1996 – 06/1997 Head of Division at the Baxter AG, Vienna
11/1993 – 07/1996 Head of Laboratory at the Novartis Research Institute (NRI), Vienna
09/1989 – 10/1993 Research Fellow, Department of Biochemistry, University of Oxford
02/1986 – 09/1989 Postdoctoral Fellow, Institute for Immunology, LMU-Munich
08/1984 – 01/1986 University Assistant, Institute of Hygiene, University of Innsbruck

Professional Activities at the University and for Scientific and Industrial Institutions (Selection)

Member of the University Council of the Free University of Bozen-Bolzano (since 2018)
Elected member of the Medical Faculty Board at the FAU (since 2015)
Elected member of the Management Board of the "*ELAN-Fonds*" for Research, Medical Faculty (FAU) (since 2016)
Elected member of the Executive Board of the CRC 1181 "*Checkpoints for resolution of inflammation*", funded by the DFG (since 2015)
Elected Vice-spokesman of the CRC 643: „*Strategies of cellular Immune Intervention*", funded by the DFG (2004 - 2016)
Elected member of the Management Board of the "*Interdisciplinary Center for Clinical Research*" (IZKF), Medical Faculty - FAU (2007 - 2016)
Mentor of the "*Ariadne Mentoring Program*" for Young Female Scientists at the FAU (since 2010)

Elected treasurer of the "*European Macrophage and Dendritic Cell Society*" (2005 - 2014)
Elected council member of the "*European Macrophage and Dendritic Cell Society*" (2004 - 2014)

Organiser of the "*Workshop - Systems Immunology*", Erlangen (2013)
Organiser of the "*27th Annual conference – European Macrophage & Dendritic cell Society*", Erlangen (2013)
Organiser of the *"5th International Meeting on DC Vaccination Trials"*, Bamberg (2007)
Organiser of the *"3rd Symposium on Strategies for Immune Intervention"* Bamberg (2007)
Organiser of the „*Third International Symposium: Viruses and Immune Defence*", Erlangen (2003)
Organiser of the *"7th International Symposium on Dendritic Cells",* Bamberg (2002)

Since 1995, Reviewer for national and international scientific research funding organizations, including DFG, BMBF, EU, Cancer Funds, Progetti di Ricerca di Interesse Nazionale – PRIN, etc.
Since 1993, Reviewer for several international scientific journals
Since 1986, Member of prestigious national and international scientific research organizations

Since 2001, consultant and scientific advisor for Pharma and Biotech Companies including Bavarian Nordic GmbH (Munich), Donatur GmbH (Munich) November AG (Erlangen), Baxter AG (Vienna), Argos Therapeutics (USA) etc.

Awards and Scholarships

Prize winner of the South Tyrolian "*Futura Stiftung*" (1991)
Research prize winner of the "*Berliner Stiftung für Dermatologie*" (2003)
Research prize winner of the „*Paul-Langerhans Prize*" (2006
Fellowship of the "*Oxford Centre of Molecular Sciences*" (1989-1993)
Postdoctoral Fellowship of the "*Boehringer Ingelheim Fonds"* (1987-1989)
Scholarship for "*Highly Talented Students"*, Province of South Tyrol (1981-1983)

Main Research Areas

- Basic and applied research in the fields of immunology, cancer biology, microbiology and virology
- Analyses of the immune system regarding development and protection of cancer, infection, autoimmunity and transplantation
- Interaction of the immune system with bacteria and viruses
- Translational research, i.e. the translation of basic results into applicable therapies for patients
- Development of new therapies in cooperation with Pharma and Biotech Companies

Main Educational Activities

- Lectures for students from the faculty of science (biology) and the medical faculty (medicine and molecular medicine)
- Seminars and practical courses for students studying biology, medicine and molecular medicine
- Supervision of Bachelor students
- Supervision of Master students
- Supervision of PhD students

Externally Reviewed Research Projects (*last 7 Years*)

Funding Institution	Total Granted Sum
German Research Foundation	5.355.000,00 €
Scientific Foundations	433.000,00 €
Interdisciplinary Center for Clinical Research, Faculty of Medicine, FAU	546.000,00 €
Private Funding	718.000,00 €

List of Reviewed Scientific Publication (*selection last 10 years*)

(*see also updated list: https://www.ncbi.nlm.nih.gov/pubmed/?term=Steinkasserer+a*)

1. Heilingloh CS, Klingl S, Egerer-Sieber C, Schmid B, Weiler S, Mühl-Zürbes P, Hofmann J, Stump JD, Sticht H, Kummer M, Steinkasserer A, Muller YA. (2017). Crystal structure of the extracellular domain of the human dendritic cell surface marker CD83, *Journal of Molecular Biology,* 429(8):1227-1243.

2. Hammer A, Waschbisch A, Knippertz I, Zinser E, Berg J, Jörg S, Kristina Kuhbandner K, David C, Pi J, Bayas A, De-Hyung Lee, Haghikia A, Gold R, Steinkasserer A, Linker RA. (2017). Role of Nrf2 Signaling for Effects of Fumaric Acid Esters on Dendritic Cells. *Front. Immunol*., 22 December 2017 | https://doi.org/10.3389/fimmu.2017.01922.

3. Grosche L, Kummer M, Steinkasserer A. What Goes Around, Comes Around - HSV-1 Replication in Monocyte-Derived Dendritic Cells. *Front Microbiol.* 2017 Nov 7;8:2149. doi: 10.3389/fmicb.2017.02149. eCollection 2017.

4. Grosche L, Draßner C, Mühl-Zürbes P, Kamm L, Le-Trilling V, Trilling M, Steinkasserer A, Heilingloh CS. (2017). Human Cytomegalovirus-Induced Degradation of CYTIP Modulates Dendritic Cell Adhesion and Migration. *Front Immunol.* 2017 Apr 21;8:461. doi: 10.3389/fimmu.2017.00461. eCollection 2017.

5. Zinser E, Krawczyk A, Mühl-Zürbes P, Aufderhorst U, Draßner C, Stich L, Zaja M, Strobl S, Steinkasserer A, Heilingloh CS. (2017) A new promising candidate to overcome drug resistant herpes simplex virus infections. *Antiviral Res.* 2017 Nov 15;149:202-210. doi: 10.1016/j.antiviral.2017.11.012.

6. Heilingloh CS, Grosche L, Kummer M, Mühl-Zürbes P, Kamm L, Scherer M, Latzko M, Stamminger T, Steinkasserer A. (2017). The Major Immediate-Early Protein IE2 of Human Cytomegalovirus Is Sufficient to Induce Proteasomal Degradation of CD83 on Mature Dendritic Cells. *Front Microbiol*. 2017 Feb 1;8:119. doi: 10.3389/fmicb.2017.00119.

7. Horvatinovich JM, Grogan EW, Norris M, Steinkasserer A, Lemos H, Mellor AL, Tcherepanova IY, Nicolette CA, DeBenedette MA. (2017). Soluble CD83 Inhibits T Cell Activation by Binding to the TLR4/MD-2 Complex on $CD14^+$ Monocytes. *J Immunol.* 198(6):2286-2301.

8. Rohrscheidt J, Petroziello E, Nedjic J, Federle C, Kryzak L, Ploegh H, Ishido S, Steinkasserer A, Klein L. (2016) Thymic CD4 T cell selection requires attenuation of March8-mediated MHCII turnover in cortical epithelial cells through CD83. *J. Exp. Med*. 213(9):1685-1694.

9. Krzyzak L, Seitz C, Urbat A, Hutzler S, Ostalecki C, Gläsner J, Hiergeist A, Gessner A, Winkler TH, Steinkasserer A, Nitschke L. (2016). CD83 modulates B cell activation and germinal center responses. *J. Immunol*. 196:3581-3594.

10. Knippertz I, Deinzer A, Dörrie J, Schaft N, Nettelbeck DM, Steinkasserer A. (2016). Transcriptional targeting of mature dendritic cells with adenoviral vectors via a modular promoter system for antigen expression and functional manipulation. *J. Immonol. Research*. 2016; 2016:6078473. doi: 10.1155 /2016/6078473. Epub 2016 Jun 29.

11. Kuehn C, Tauchi M, Stumpf C, Daniel C, Bäuerle T, Schwarz M, Kerek F, Steinkasserer A, Zinser E, Achenbach S, Dietel B. (2016). Suppression of proatherogenic leukocyte interactions by MCS-18 - Impact on advanced atherosclerosis in ApoE-deficient mice. *Atherosclerosis*. 245:101-110.

12. Heilingloh CS, Kummer M, Mühl-Zürbes P, Draßner C, Daniel C, Klewer M, SteinkassererA. (2015). L-particles transmit viral proteins from HSV-1-infected mDCs to uninfected bystander cells inducing CD83 down-modulation. *Journal of Virology;* 89(21):11046-11055.

13. Rothe T, Gruber F, Uderhardt S, Ipseiz N, Rössner S, Oskolkova O, Blüml S, Leitinger N, Bicker W, Bochkov VN, Yamamoto M, Steinkasserer A, Schett G, Zinser E, Krönke G. (2015) 12/15-lipoxygenase-mediated enzymatic lipid oxidation regulates DC maturation and function. *J. Clin. Invest*.; 2015, 125 (5): 1944-1954.

14. Stein MF, Blume K, Heilingloh CS, Kummer M, Biesinger B, Sticht H, Steinkasserer A. (2015) CD83 and GRASP55 interact in human dendritic cells. *Biochemical and Biophysical Research Communications*; 459, 42-48.

15. Eckhardt J, Döbbeler M, König C, Kuczera K, Kuhnt C, Ostalecki C, Zinser E, Mak TW, Steinkasserer A, Lechmann M. (2015). Thymic stromal lymphopoietin deficiency attenuates experimental autoimmune encephalomyelitis. *Clin. Exp. Immunol.*; 181(1):51-64.

16. Eberhardt M, Lai X, Tomar N, Gupta S, Schmeck B, Steinkasserer A, Schuler G, Vera J. (2015). Third-Kind Encounters in Biomedicine: Immunology Meets Mathematics and Informatics to Become Quantitative and Predictive. *Methods Mol Biol.* 2016;1386:135-79.

17. Bogdan C, Steinkasserer A. (2015) Myeloid cells and the microenvironment, microorganisms and metabolism. *Immunobiology.* 2015 Feb;220(2):iii. doi: 10.1016/S0171-2985(14)00268-X

17. Eckhardt J, Kreiser S, Döbbeler M, Nicolette C, DeBenedette MA, Tcherepanova IY, Ostalecki C, Pommer AJ, Becker C, Günther C, Zinser E, Mak TW, Steinkasserer A, Lechmann M. (2014). Soluble CD83 ameliorates experimental colitis in mice. *Mucosal Immunology*; 7(4):1006-1018.

18. Kreiser S, Eckhardt J, Kuhnt C, Stein M, Krzyzak L, Seitz C, Tucher C, Knippertz I, Becker C, Günther C, Steinkasserer A, Lechmann M. Murine CD83-positive T cells mediate suppressor functions in vitro and in vivo. *Immunobiology*. 2015 Feb;220(2):270-9.

19. Dietel B, Muench R, Kuehn C, Kerek F, Steinkasserer A, Achenbach S, Garlichs CD, Zinser E. (2014). MCS-18, a natural product isolated from Helleborus purpurascens, inhibits maturation of dendritic cells in ApoE-deficient mice and prevents early atherosclerosis progression. *Atherosclerosis* ; 235(2):263-272.

20. Siegert I, Schatz V, Prechtel AT, Steinkasserer A, Bogdan C, Jantsch J. Electroporation of siRNA into mouse bone marrow-derived macrophages and dendritic cells. *Methods Mol Biol*. 2014;1121:111-119.

21. Heilingloh CS, Mühl-Zürbes P, Steinkasserer A, Kummer M. (2014). ICP0 induces CD83-degradation in mature dendritic cells independently of its E3 ubiquitin ligase function. *J. Gen. Virology;* 95(Pt 6):1366-1375.

22. Rothe T, Oskolkova O, Steinkasserer A, Bochkov VN, Schett G, Zinser E, Krönke G. (2014). Enzymatic lipid oxidation by 12/15-lipoxygenase regulates maturation and function of dendritic cells. *Ann Rheum Dis*. 1;73 Suppl 1.

23. Bogdan C, Steinkasserer A. Myeloid cells and the microenvironment, microorganisms and metabolism. *Immunobiology;* 2015 ;220(2):iii. doi: 10.1016/S0171-2985(14).

24. Bock F, Rössner S, Onderka J, Lechmann M, Pallotta MT, Fallarino F, Boon L, Nicolette C, DeBenedette MA, Tcherepanova IY, Grohmann U, Steinkasserer A, Cursiefen C, Zinser E. (2013). Topical application of soluble CD83 induces IDO-mediated immune modulation, increases $Foxp3^{+}$ T cells and prolongs allogeneic corneal graft survival. *J. of Immunology*; 191:1965-1975.

25. Starke C, Steinkasserer A, Voll RE, Elisabeth Zinser E. (2013). Soluble human CD83 ameliorates lupus in NZB/W F1 mice. *Immunobiology* ; 218: 1411-1415.

26. Baur AS, Lutz MB, Schierer S, Beltrame L, Theiner G, Zinser E, Ostalecki C, Heidkamp G, Haendle I, Erdmann M, Wiesinger M, Leisgang W, Gross S, Pommer AJ, Kampgen E, Dudziak D, Steinkasserer A, Cavalieri D, Schuler-Thurner B, Schuler G. (2013) Denileukin diftitox (ONTAK™) induces a tolerogenic phenotype in Dendritic Cells and stimulates survival of resting Treg. *Blood*; 122(13):2185-2194.

27. Pfeiffer IA, Zinser E, Strasser E, Stein MF, Schaft N, Dörrie J, Steinkasserer A, Ilka Knippertz I. (2013). Leukoreduction system chambers are an efficient and economic source for the generation of functional monocyte-derived dendritic cells and lymphocyte. *Immunobiology* ; 218:1392– 1401.

28. Stein MF, Lang S, Winkler TH, Deinzer A, Erber S, Nettelbeck DM, Naschberger E, Jochmann R, Stürzl M, Slany RK, Thomas Werner T, Steinkasserer A, Knippertz I. (2013) Multiple IRF- and NFkB-sites cooperate in mediating cell type- and maturation-specific activation of the human *CD83* promoter in dendritic cells. *Molecular and Cellular Biology* 33(7):1331-1344.

29. Goldwich A, Burkard M, Ölke M, Daniel C, Amann K, Hugo C, Christian Kurts, Steinkasserer A, Gessner A. (2013). Podocytes are non-hematopoietic professional antigen-presenting cells. *Journal of the American Society of Nephrology,* 24(6):906-916.

30. Zinser E, Rössner S, Littmann L, Pangratz N, Schuler G, Steinkasserer A. (2012). The IL-2 diphtheria toxin fusion protein denileukin diftitox modulates the onset of diabetes in female nonobese diabetic animals in a time-dependent manner and breaks tolerance in male nonobese diabetic animals. *J Immunol* ;189 1173-1181.

31. Goldwich A, Steinkasserer A, Gessner A, Amann K. (2012). Impairment of podocyte function by diphtheria toxin-a new reversible proteinuria model in mice. *Lab. Invest.* 92(12):1674-1685.

32. Schierer S, Hesse A, Knippertz I, Kaempgen E, Baur AS, Schuler G, Steinkasserer A, Nettelbeck DM. (2012). Human dendritic cells efficiently phagocytose adenoviral oncolysate but require additional stimulation to mature. *Int J Cancer*, 130(7):1682-1694.

33. Hoffmann J, Böhm M, Abele-Ohl S, Ramsperger-Gleixner M, Bernd M. Spriewald BM, Zinser E, Steinkasserer A, Weyand M, Ensminger SM.(2012). Reduction of transplant arteriosclerosis after treatment with Mycophenolate Mofetil and Ganciclovir in a mouse aortic allograft model. *Experimental and Clinical Transplantation* 10(6):592-600.

34. Theodoridis AA, Eich C, Figdor FG, Steinkasserer A. (2011). Infection of dendritic cells with herpes simplex virus type 1 induces rapid degradation of CYTIP, thereby modulating adhesion and migration, *Blood* 118(1):107-115.

35. Knippertz I, Stein MF, Dörrie J, Schaft N, Müller I, Deinzer A, Steinkasserer A, Nettelbeck DM. (2011). Mild hyperthermia enhances human monocyte-derived dendritic cell functions and offers potential for applications in vaccination strategies. *International Journal of Hyperthermia,* 27(6): 591-603.

36. Seifarth C, Littmann L, Resheq Y, Rössner S, Goldwich A, Pangratz N, Kerek F, Steinkasserer A, Zinser E. (2011). MCS-18, a novel natural plant product prevents autoimmune diabetes. *Immunology Letters* 139(1-2):58-67.

37. Goldwich A, Prechtel AT, Mühl-Zürbes P, Pangratz NM, Stössel H, Romani N, Steinkasserer A, Kummer M. (2011). Herpes simplex virus type I (HSV-1) replicates in mature dendritic cells but can only be transferred in a cell-cell contact-dependent manner. *J Leukoc Biol.;*89(6):973-979.

38. Ge W, Arp J, Lian D, Liu W, Baroja ML, Jiang J, Ramcharran S, Eldeen FZ, Zinser E, Steinkasserer A, Chou P, Brand S, Nicolette C, Garcia B, Wang H. (2010). Immunosuppression involving soluble CD83 induces tolerogenic dendritic cells that prevent cardiac allograft rejection. *Transplantation.* 90(11):1145-1156.

39. Staab C, Mühl-Zürbes P, Steinkasserer A, Kummer M. (2010). Eukaryotic expression of functionally active recombinant soluble CD83 from HEK 293T cells. *Immunobiology*. 215: 849-854.

40. Chemnitz J, Turza N, Hauber I, Steinkasserer A, Hauber J. (2010). The karyopherin CRM1 is required for dendritic cell maturation. *Immunobiology.* 215(5):370-379.

41. Kummer M, Prechtel AT, Mühl-Zürbes P, Turza NM, Steinkasserer A. (2009). HSV-1 upregulates the ARE-binding protein tristetraprolin in a STAT1- and p38-dependent manner in mature dendritic cells. *Immunobiology.* 214(9-10):852-860.

42. Zinser E, Rößner S, Littmann L, Lüftenegger D, Schubert U, Steinkasserer A. (2009). Inhibition of the proteasome influences murine and human dendritic cell development in vitro and in vivo. *Immunobiology.* 214(9-10):843-851.

43. Eisemann J, Prechtel AT, Mühl-Zürbes P, Steinkasserer A, Kummer M. (2009). Herpes simplex virus type I infection of mature dendritic cells leads to reduced LMP7-mRNA-expression levels. *Immunobiology*. 214(9-10):861-867.

44. Knippertz I., Hesse A., Schunder T., Kämpgen E., Brenner M.K., Schuler G., Steinkasserer A., Nettelbeck D.M. (2009). Generation of human dendritic cells that simultaneously secrete IL-12 and have migratory capacity by adenoviral gene transfer of hCD40L in combination with IFN-γ. *J. Immunotherapy* 32(5):524-538.

45. Hock BD, Fernyhough LJ, Gough SM, Steinkasserer A, Cox AG, McKenzie JL. (2009). Release and clinical significance of soluble CD83 in chronic lymphocytic leukemia. *Leukemia Research*, 33(8):1089-1095.

46. Reinwald S, Carsten Wiethe C, Westendorf AM, Breloer, Probst-Kepper M., Fleischer B, Steinkasserer A, Buer JA and Hansen W. (2008). CD83 expression in CD4+ T cells modulates inflammation and autoimmunity *J. Immunology*, 180(9):5890-5897.

47. Wiethe C, Debus A, Mohrs M, Steinkasserer A, Lutz MB, and Gessner G. (2008). Dendritic cell differentiation state and their interaction with NKT cells determine Th1/Th2 differentiation in the murine model of *Leishmania major* infection. *J. Immunology*, 180: 4371-4381.

48. Jantsch J, Chakravortty D, Turza N, Prechtel AT, Buchholz B, Gerlach RG, Volke M, Gläsner J, Warnecke C, Wiesener MS, Eckardt K-U, Steinkasserer A, Hensel M, and Willam C. (2008). Hypoxia and HIF-1alpha modulate dendritic cell activation and function. *J. Immunology*, 180: 4697-4705.

49. Jantsch J, Turza N, Volke M, Eckardt K-U, Hensel M, Steinkasserer A, and Prechtel AT. (2008). Small interfering RNA (siRNA) delivery into murine bone marrow- derived dendritic cells by electroporation. *J. Immunol. Methods*. 337(1):71-77.

50. Zinser E, and Steinkasserer A. (2008). Published studies reporting the efficacy of soluble CD83 *in vitro* as well as *in vivo*. *Immunol. Lett*.,115(1):18-19.

51. Littmann L, Rößner S, Kerek F, Steinkasserer A, Zinser E. (2008). Modulation of murine bone marrow-derived dendritic cells and B-cells by MCS-18 a natural product isolated from Helleborus purpurascens. *Immunobiology*. 213(9-10):871-878.

52. Rössner S, Zinser E, Menge M, Wiethe C, Littmann L, Hänig J, Steinkasserer A, and Lutz M. (2008). Minor role of bystander tolerance to fetal calf serum in a peptide-specific dendritic cell vaccine model against autoimmunity. Comparison with serum-free cultures. *J. Immunotherapy* 31(7):656-664

53. Schierer S, Hesse A, Müller I, Kämpgen E, Curiel DT, Schuler G, Steinkasserer A, Nettelbeck DM. (2008). Modulation of viability and maturation of human monocyte-derived dendritic cells by oncolytic adenoviruses. *Int. J. Cancer,* 122(1):219-29.

54. Horstmann B, Zinser E, Turza NM, Kerek F, and Steinkasserer A. (2007). MCS-18, a novel natural product isolated from *Helleborus purpurascens*, inhibits Dendritic Cell activation and prevents autoimmunity as shown *in vivo* using the EAE model. *Immunobiology* 212(9-10):839-853.

55. Theodoridis AA, Prechtel AT, Turza NM, Zenke M and Steinkasserer A. (2007). Infection of human dendritic cells with herpes simplex virus type 1 dramatically diminishes the mRNA levels of the prostaglandin E_2 receptors EP2 and EP4. *Immunobiology* 212(9-10):827-838.

56. Eisemann J, Mühl-Zürbes P, Steinkasserer A, Kummer M. (2007). Infection of mature dendritic cells with herpes simplex virus type 1 interferes with the interferon signaling pathway. *Immunobiology,* 212(9-10):877-886.

57. Prechtel AT, Turza NM, Theodoridis A, Steinkasserer A. (2007). CD83 knockdown in monocyte-derived dendritic cells by small interfering RNA (siRNA) leads to a diminished T-cell-stimulation. *J. Immunology*, 178: 5454-5464

58. Kummer M, Turza NM, Boutell C, Everett RD, Steinkasserer A. Prechtel AT, (2007). Herpes Simplex Virus Type 1 (HSV-1) induces CD83 degradation in mature dendritic cells with immediate early kinetics via the cellular proteasome. *J. Virology*, 81(12):6326-38).

59. Prechtel AT, Steinkasserer A. (2007). CD83 – An Update on Functions and Prospects of the Maturation Marker of Dendritic Cells". *Archives of Dermatological Research,* 299(2):59-69).

60. Lundell A-C, Adlerberth I, Lindberg E, Karlsson H, Ekberg S, Åberg N, Saalman R, Hesselmar B, Hock B, Steinkasserer A, Wold A E, Rudin A. (2007). Increased levels of circulating soluble CD14 but not CD83 in infants are associated with early intestinal colonization with *Staphylococcus aureus*. *Clinical and Experimental Allergy,* 37(1):62-71.

61. Lundell A-C, Andersson K, Hock B, Steinkasserer A, Rudin A. (2007). Soluble CD14 and soluble CD83 inducible by commensal bacteria suppress allergen-induced human neonatal Th2-differentiation. *Infection and Immunity*, 75(8):4097-104.

Issued patents

Mutant CD83-promotor and use thereof; Stein M, Knippertz I, Winkler T, **Steinkasserer A**; 2016 ***EU 270 21 58***

Soluble CD83 proteins and use thereof for the treatment or prevention of a disease or medical condition caused by the dysfunction or undesired function of a cellular immune response involving T cells; **Steinkasserer A**, Lechmann M, Zinser E; 2007 - ***US Patent No.: US 7,169,989 B2***