

List of publications

Journal articles:

1. Marianne Diehl*, Christian Münz*, Wieland Keilholz, Stefan Stevanović, Nicholas Holmes, Yung Wai Loke and Hans-Georg Rammensee, "Nonclassical HLA-G molecules are classical peptide presenters", *Current Biology* (1996), 6(3):305-314.
2. Christian Münz, Nicholas Holmes, Ashley King, Yung Wai Loke, Marco Colonna, Hansjörg Schild and Hans-Georg Rammensee, "Human histocompatibility leukocyte antigen (HLA)-G molecules inhibit NKAT3 expressing natural killer cells", *Journal of Experimental Medicine* (1997), 185(3): 385-392.
3. Reinhard Obst, Christian Münz, Stefan Stevanović and Hans-Georg Rammensee, "Generation of allo- and self-restricted cytotoxic T lymphocytes against a peptide library: evidence for a functionally diverse allo-restricted T cell repertoire", *European Journal of Immunology* (1998), 28:2432-2443.
4. John Gatfield, Eckhard Lammert, Peter Nickolaus, Christian Münz, Simon Rothenfusser, Paul Fisch, Stefan Stevanović, Hansjörg Schild, Hans-Georg Rammensee and Danièle Arnold, "Cell lines transfected with the TAP inhibitor ICP47 allow testing peptide binding to a variety of HLA class I molecules", *International Immunology* (1998), 10(11): 1665-1672.
5. Christian Münz, Reinhard Obst, Wolfram Osen, Stefan Stevanović and Hans-Georg Rammensee, "Alloreactivity as a source of high affinity peptide-specific human cytotoxic T lymphocytes", *Journal of Immunology* (1999), 162:25-34.
6. Christian Münz, Stefan Stevanović and Hans-Georg Rammensee, "Peptide presentation and NK inhibition by HLA-G", *Journal of Reproductive Immunology* (1999), 43(2): 139-155.
7. Christian Münz, Ulrike Naumann, Cornelia Grimm, Hans-Georg Rammensee and Michael Weller, "Enhanced immunogenicity of human malignant glioma cells engineered to express the proteoglycan decorin", *European Journal of Immunology* (1999), 29(3):1032-1040.
8. John P. Mear, Kathy L. Schreiber, Christian Münz, Xiaoming Zhu, Stefan Stevanović, Hans-Georg Rammensee, Sarah L. Rowland-Jones and Robert A. Colbert, "Misfolding of HLA-B27 as a result of its B pocket suggests a novel mechanism for its role in susceptibility to spondyloarthropathies", *Journal of Immunology* (1999), 163: 6665-6670.
9. Christian Münz, Peter Nickolaus, Eckhard Lammert, Steve Pascolo, Stefan Stevanović and Hans-Georg Rammensee, "The role of peptide presentation in the physiological function of HLA-G", *Seminars in Cancer Biology* (1999), 9(1):47-54.
10. Christian Münz, Kara L. Bickham, Marion Subklewe, Ming L. Tsang, Ann Chahroudi, Michael G. Kurilla, Dan Zhang, Michael O'Donell and Ralph M. Steinman, "Human CD4⁺ T lymphocytes consistently respond to the EBNA1 latent EBV antigen", *Journal of Experimental Medicine* (2000), 191: 1649-1660.
11. Catarina E. Hioe, Gareth J. Jones, Ann D. Rees, Silvia Ratto-Kim, Deborah Birx, Christian Münz, Miroslaw Gorny, Michael Tuen and Susan Zolla-Pazner, "Anti-CD4-binding domain antibodies complexed with HIV type 1 glycoprotein 120 inhibit CD4⁺ T cell-proliferative responses to glycoprotein 120", *AIDS Research and Human Retroviruses* (2000), 16: 893-905.
12. Harpreet Singh-Jasuja, René E. M. Toes, Pieter Spee, Christian Münz, Stephen P. Schoenberger, Paola Ricciardi-Castagnoli, Jacques Neefjes, Hans-Georg Rammensee, Danièle Arnold-Schild and Hansjörg Schild, "Cross-presentation of gp96-associated antigens on MHC class I molecules requires receptor-mediated endocytosis", *Journal of Experimental Medicine* (2000), 191: 1965-1974.

* These authors contributed equally to the work.

13. Peter Krausa, Christian Münz, Wieland Keilholz, Stefan Stevanović, Yvonne Jones, Mike Browning, Mike Bunce, Hans-Georg Rammensee and Andrew McMichael, "Definition of peptide binding motifs amongst the HLA-A*30 allelic group", *Tissue Antigens* (2000), 56: 10-18.

14. Madhav Dhodapkar, Ralph M. Steinman, Joseph Krasovsky, Christian Münz, Nina Bhardwaj, "Antigen specific inhibition of effector T cell function in humans after injection of immature dendritic cells", *Journal of Experimental Medicine* (2001), 193:233-238.

15. Kara Bickham, Christian Münz, Marie Larsson, Ming Li Tsang, Jean-Francois Fonteneau, Nina Bhardwaj and Ralph M. Steinman, "EBNA1-specific CD4⁺ T cells in healthy carriers of Epstein-Barr virus are primarily Th1 in function", *Journal of Clinical Investigation* (2001), 107:121-130.

16. Marion Subklewe, Casper Paludan, Ming L. Tsang, Karsten Mahnke, Ralph M. Steinman and Christian Münz, "Dendritic cells cross-present latency gene products from Epstein-Barr virus transformed B cells and expand tumor-reactive CD8⁺ killer T cells", *Journal of Experimental Medicine* (2001), 193: 405-411.

17. Jean-Francois Fonteneau, Marie Larsson, Selin Somersan, Catherine Sanders, Christian Münz, William W. Kwok, Nina Bhardwaj and Francine Jotereau, "Generation of high quantities of viral and tumor specific human CD4⁺ and CD8⁺ T cell clones using peptide pulsed mature dendritic cells", *Journal of Immunological Methods* (2001), 258: 111-126.

18. Casper Paludan, Kara Bickham, Sarah Nikiforow, Ming L. Tsang, Kiera Goodman, Willem A. Hanekom, Jean-Francois Fonteneau, Stefan Stevanović, and Christian Münz, "EBNA1 specific CD4⁺ Th1 cells kill Burkitt's lymphoma cells", *Journal of Immunology* (2002), 169: 1593-1603.

19. Guido Ferlazzo, Ming L. Tsang, Lorenzo Moretta, Giovanni Melioli, Ralph M. Steinman and Christian Münz, "Human dendritic cells activate resting NK cells and are recognized via the NKp30 receptor by activated NK cells", *Journal of Experimental Medicine* (2002), 195: 343-351.

20. Christian Münz, Matthias Hofmann, Kenji Yoshida, Antonis K. Moustakas, Hitoshi Kikutani, Stefan Stevanović, George K. Papadopoulos and Hans-Georg Rammensee, "Peptide analysis, stability studies and structure modeling explain contradictory peptide motifs and unique properties of the NOD mouse MHC II molecule H2-A^{g7}", *European Journal of Immunology* (2002), 32: 2105-2116.

21. Kenji Yoshida, Tracy Martin, Ken Yamamoto, Cathleen Dobbs, Christian Münz, Nobushiro Kamikaji, Naoko Nakano, Hans-Georg Rammensee, Takehiko Sasazuki, Kathryn Haskins and Hitoshi Kikutani, "Evidence for shared recognition of a peptide ligand by a diverse panel of non-obese diabetic mice-derived, islet-specific, diabetogenic T cell clones", *International Immunology* (2002), 14: 1439-1447.

22. Rodica Ciubotariu, Ming L. Tsang, Ralph M. Steinman, Nicole Suciuc-Foca and Christian Münz, "Dendritic cells cross-prime allo-specific self-restricted CD4⁺ T cells after coculture with dead allogeneic cells", *Human Immunology* (2002), 63(7):517-523.

23. Jean-Francois Fonteneau, Michel Gilliet, Marie Larsson, Ida Dasilva, Christian Münz, Yong-Jun Liu and Nina Bhardwaj, "Activation of influenza virus specific CD4⁺ and CD8⁺ T cells: a new role for plasmacytoid dendritic cells in adaptive immunity", *Blood* (2003), 101: 3520-3526.

24. Casper Paludan and Christian Münz, "CD4⁺ T cell responses in the immune control against latent infection by Epstein-Barr virus", *Current Molecular Medicine* (2003), 3: 313-319.

* These authors contributed equally to the work.

25. Sarah Nikiforow, Kim Bottomly, George Miller and Christian Münz, “Cytolytic CD4⁺ T cell clones reactive to EBNA1 inhibit Epstein-Barr virus induced B cell proliferation“, *Journal of Virology* (2003), 77:12088-12104.

26. Kara Bickham, Kiera Goodman, Casper Paludan, Sarah Nikiforow, Ming L. Tsang, Ralph M. Steinman and Christian Münz, “Dendritic cells initiate immune control of Epstein Barr virus transformation of B lymphocytes in vitro“, *Journal of Experimental Medicine* (2003), 198:1653-1663.

27. Kara Bickham and Christian Münz, “Contrasting roles of dendritic cells and B cells in the immune control of Epstein-Barr virus“, *Current topics in Microbiology and Immunology* (2003), 276: 55-76.

28. Guido Ferlazzo, Dolca Thomas, Shao-Lee Lin, Kiera Goodman, Barbara Morandi, William A. Muller, Alessandro Moretta and Christian Münz, “The abundant NK cells in human secondary lymphoid tissues require activation to express killer cell Ig-like receptors and become cytolytic“, *Journal of Immunology* (2004), 172: 1455-1462.

29. Guido Ferlazzo and Christian Münz, “NK cell compartments and activation by dendritic cells“, *Journal of Immunology* (2004), 172: 1333-1339.

30. Christian Münz, “Epstein Barr Virus nuclear antigen 1: from immunologically invisible to a promising T cell target“, *Journal of Experimental Medicine* (2004), 199:1301-1304.

31. Gudrun Ratzinger, Jan Bagggers, Maria A. De Cos, Jianda Yuan, Tao Dao, John L. Reagan, Christian Münz, Glenn Heller and James W. Young, “Mature human Langerhans cells derived from CD34⁺ hematopoietic progenitors stimulate greater cytolytic T lymphocyte activity in the absence of bioactive IL-12p70, by either single peptide presentation or cross-priming, than do dermal-interstitial or monocyte-derived dendritic cells“, *Journal of Immunology* (2004), 173:2780-2791.

32. Guido Ferlazzo, Maggi Pack, Dolca Thomas, Casper Paludan, Dorothee Schmid, Till Strowig, Gwenola Bougras, William A. Muller, Lorenzo Moretta and Christian Münz, “Distinct roles of IL-12 and IL-15 in human natural killer cell activation by dendritic cells from secondary lymphoid organs“, *Proceedings of the National Academy of Sciences of the United States of America* (2004), 101: 16606-16611.

33. Christian Münz, Tao Dao, Guido Ferlazzo, Maria A. de Cos, Kiera Goodman and James W. Young, “Mature myeloid dendritic cell subsets have distinct roles for activation and viability of circulating human natural killer cells.“, *Blood* (2005), 105: 266-73.

34. Casper Paludan, Dorothee Schmid, Markus Landthaler, Martina Vockerodt, Dieter Kube, Thomas Tuschl and Christian Münz, “Endogenous MHC class II processing of a viral nuclear antigen after autophagy“, *Science* (2005), 307: 593-596.

35. Dorothee Schmid, Sayuri Yamazaki and Christian Münz, “Autophagy links innate with adaptive immunity“, *Cell Technology* (2005), 6: 577-580.

36. Christian Münz, Ralph M. Steinman and Shin-ichiro Fujii, “Dendritic cell maturation by NK, NKT and $\gamma\delta$ T lymphocytes: coordinated stimulation of innate and adaptive immunity“, *Journal of Experimental Medicine* (2005), 202: 203-207.

37. Dorothee Schmid and Christian Münz, “Immune surveillance of intracellular pathogens via autophagy“, *Cell Death and Differentiation* (2005), 12: 1519-1527.

38. Marion Subklewe, Kathrin Sebelin, Andrea Block, Antje Meier, Anna Roukens, Casper Paludan, Jean-Francois Fonteneau, Ralph M. Steinman and Christian Münz, “Dendritic cells expand Epstein-Barr virus specific CD8⁺ T cell responses more efficiently than EBV transformed B cells“, *Human Immunology* (2005), 66: 938-949.

* These authors contributed equally to the work.

39. Dorothee Schmid, Jörn Dengjel, Oliver Schoor, Stefan Stevanovic and Christian Münz, “Autophagy in innate and adaptive immunity against intracellular pathogens“, *Journal of Molecular Medicine* (2006), 84: 194-202.

40. Christian Münz, “Autophagy and antigen presentation“, *Cellular Microbiology* (2006), 8: 891-898.

41. Kevin Heller, Cagan Gurer and Christian Münz, “Virus-specific CD4⁺ T cells: ready for direct attack“, *Journal of Experimental Medicine* (2006), 203: 805-808.

42. Jan D. Lünemann, Nancy Edwards, Paolo Murano, Shuhei Hayashi, Jeffrey Cohen, Christian Münz* and Roland Martin*, “Increased frequency, enhanced antigen-avidity, and broadened specificity of latent EBV nuclear antigen 1-specific T cells in multiple sclerosis“, *Brain* (2006), 129: 1493-1506.

43. Barbara Morandi, Gwenola Bougras, William A. Muller, Guido Ferlazzo and Christian Münz, “Natural Killer cells of human secondary lymphoid tissues enhance T cell polarization via IFN- γ secretion“, *European Journal of Immunology* (2006), 36: 2394-2400.

44. Gavin Giovannoni, Gary R Cutter, Jan Lünemann, Roland Martin, Christian Münz, Subramaniam Sriram, Israel Steiner, Margaret R Hammerschlag and Charlotte A Gaydos “Infectious causes of multiple sclerosis“, *The Lancet Neurology* (2006), 5: 887-894.

45. Kevin Heller, Beza Seyoum, Jenica Upshaw, Henry Zebroski and Christian Münz, “Distinct memory CD4⁺ T cell subsets mediate immune recognition of Epstein Barr virus nuclear antigen 1 in healthy virus carriers“, *Blood* (2007), 109: 1138-1146.

46. Dorothee Schmid, Marc Pypaert and Christian Münz, “Antigen-loading compartments for major histocompatibility complex class II molecules continuously receive input from autophagosomes“, *Immunity* (2007), 26:79-92.

47. Christian Münz, “Viral evasion of autophagy“, *Cell Host & Microbe* (2007), 1: 9-11.

48. Dorothee Schmid and Christian Münz, “Immune surveillance via self digestion“, *Autophagy* (2007), 3: 133-135.

49. Chiara Romagnani, Kerstin Juelke, Michela Falco, Barbara Morandi, Antonella D’Agostino, Roberta Costa, Giovanni Ratto, Giuseppe Forte, Paolo Carrega, Gabrielle Lui, Romana Conte, Till Strowig, Alessandro Moretta, Christian Münz, Andreas Thiel, Lorenzo Moretta and Guido Ferlazzo, “CD56^{bright}CD16⁻Killer Ig-like receptor (KIR)⁻ NK cells display longer telomeres and acquire features of CD56^{dim} NK cells upon activation“, *Journal of Immunology* (2007), 178: 4947-4955.

50. Jan D. Lünemann, Jens Schmidt, Dorothee Schmid, Konstanze Barthel, Arne Wrede, Marinos C. Dalakas and Christian Münz, “ β -amyloid is a substrate of autophagy in sporadic inclusion body myositis“, *Annals of Neurology* (2007), 61: 476-483.

51. Jan D. Lünemann and Christian Münz, “Epstein-Barr virus and multiple sclerosis“, *Current Neurology and Neuroscience Reports* (2007), 7(3): 253-8.

52. Jan D. Lünemann, Jens Schmidt, Marinos C. Dalakas and Christian Münz, “Macroautophagy as a pathomechanism in sporadic inclusion body myositis“, *Autophagy* (2007), 3(4): 384-386.

53. Jan D. Lünemann, Thomas Kamradt, Roland Martin and Christian Münz, “Epstein Barr virus: environmental trigger of multiple sclerosis?“, *Journal of Virology* (2007), 81(13): 6777-6784.

54. Dorothee Schmid and Christian Münz, “Innate and adaptive immunity through autophagy“, *Immunity* (2007), 27: 11-21.

* These authors contributed equally to the work.

55. Gurvinder Kaur, Michael Tuen, Diana Virland, Sandra Cohen, Narinder K. Mehra, Christian Münz, Sayed Abdelwahab, Alfredo Garzino-Demo and Catarina E. Hioe, “Antigen stimulation induces HIV envelope gp120-specific CD4⁺ T cells to secrete CCR5 ligands and suppress HIV infection”, *Virology* (2007), 369(1):214-225.

56. Fabienne Brilot, Till Strowig, Susanne M. Roberts, Frida Arrey and Christian Münz, “NK cell survival mediated through the regulatory synapse with human dendritic cells requires IL-15R α ”, *Journal of Clinical Investigation* (2007), 117:3316-3329.

57. Maggi Pack, Christine Trumpfheller, Dolca Thomas, Chae Gyu Park, Angela Granelli-Piperno, Christian Münz and Ralph Steinman, “DEC-205/CD205⁺ dendritic cells are abundant in the white pulp of human spleen including the border region between the red and the white pulp”, *Immunology* (2008), 123(3):438-46.

58. Till Strowig, Fabienne Brilot, Frida Arrey, Gwenola Bougras Dolca Thomas, William A. Muller and Christian Münz, “Tonsillar Natural Killer cells restrict Epstein-Barr virus-induced B cell transformation via IFN- γ ”, *PLoS Pathogens* (2008), 4(2): e27.

59. Daniel J. Klionsky,...Christian Münz,...and Russell L. Deter, “Guidelines for the use and interpretation of assays for monitoring autophagy in higher eucaryotes”, *Autophagy* (2008), 4(2): 151-175.

60. Fabienne Brilot, Till Strowig and Christian Münz, “NK cells interactions with dendritic cells shape innate and adaptive immunity”, *Frontiers in Bioscience* (2008), 13:6443-54.

61. Till Strowig, Fabienne Brilot and Christian Münz, “Non-cytotoxic functions of natural killer cells: direct pathogen restriction and assistance to adaptive immunity”, *Journal of Immunology* (2008), 180: 7785-7791.

62. Jan D. Lünemann, Oliver Frey, Torsten Eidner, Michael Baier, Susanne Roberts, Junji Sashihara, Rudolf Volkmer, Jeffrey I. Cohen, Gert Hein, Thomas Kamradt and Christian Münz, “Increased frequency of EBV specific effector memory CD8⁺ T cells is associated with higher viral load in rheumatoid arthritis”, *Journal of Immunology* (2008), 181(2):991-1000.

63. Jan Lünemann and Christian Münz, “Do natural killer cells accelerate or prevent autoimmunity in multiple sclerosis?”, *Brain* (2008), 131:1681-3.

64. Jan D. Lünemann, Peter Huppke, Susanne Roberts, Wolfgang Brück, Jutta Gärtner and Christian Münz, “Broadened and elevated humoral immune response to EBNA1 in pediatric MS”, *Neurology* (2008), 71(13):1033-5.

65. Cagan Gurer, Till Strowig, Fabienne Brilot, Maggi Pack, Christine Trumpfheller, Frida Arrey, Chae Gyu Park, Ralph M. Steinman and Christian Münz, “Targeting the nuclear antigen 1 of Epstein Barr virus to the human endocytic receptor DEC-205 stimulates protective T cell responses”, *Blood* (2008), 112(4):1231-9.

66. Jan D. Lünemann, Ilijas Jelcic, Susanne Roberts, Andreas Lutterotti, Björn Tackenberg, Roland Martin and Christian Münz, “EBNA1-specific T cells from patients with multiple sclerosis cross-react with myelin antigens and co-produce IFN- γ and interleukin-2”, *Journal of Experimental Medicine* (2008), 205: 1763-1773.

67. Kevin N. Heller, Frida Arrey, Peter Steinherz, Carol Portlock, Amy Chadburn, Kara Kelly and Christian Münz, “EBV-positive lymphomas develop in the absence of CD4⁺ T cell responses to EBNA1”, *International Journal of Cancer* (2008), 123(12):2824-2831.

68. Christian Münz, “Non-cytotoxic protection by human NK cells in mucosal secondary lymphoid tissues”, *European Journal of Immunology* (2008), 38(11):2946-8.

* These authors contributed equally to the work.

69. Anna Lünemann, Jan D. Lünemann, Susanne Roberts, Brady Messmer, Rosa Barreira da Silva, Cedric S. Raine and Christian Münz, “Human NK cells kill resting, but not activated microglia via NKG2D and Nkp46 mediated recognition”, *Journal of Immunology* (2008), 181(9):6170-7.
70. Christian Münz and Burkhard Becher, “Experimental Immunology in Zürich – the legacy of studying disease related antigens”, *European Journal of Immunology* (2008), 38(11):2924-6.
71. Christian Münz, “Projection of an immunological self shadow to developing T cells via macroautophagy”, *Cell Research* (2008), 18: 1084-1086.
72. Jan Lünemann and Christian Münz, “Autophagy in CD4⁺ T cell immunity and tolerance”, *Cell Death and Differentiation* (2009), 16(1):79-86.
73. Christian Münz and Ann Moormann, “Immune escape by Epstein Barr virus associated malignancies”, *Seminars in Cancer Biology* (2009), 18: 381-7.
74. Christian Münz, “Enhancing immunity through autophagy”, *Annual Review of Immunology* (2009), 27: 423-49.
75. Rüdiger Stendel, Hector Rodriguez Cetina Biefer, Gabriela Marta Dékány, Hisashi Kubota, Christian Münz, Sheng Wang, Hanns Mohler, Yasuhiro Yonekawa and Karl Frei, “The antibacterial substance taurolidine exhibits anti-neoplastic action based on a mixed type of programmed cell death”, *Autophagy* (2009), 5: 42-58.
76. Ann M. Moormann, Kevin N. Heller, Kiprotich Chelimo, Paula Embury, Robert Ploutz-Snyder, Juliana Otieno, Margaret O’Dour, Christian Münz and Rosemary Rochford, “Children with endemic Burkitt’s lymphoma are deficient in Epstein-Barr nuclear antigen 1-specific IFN- γ secreting T cell responses”, *International Journal of Cancer* (2009), 124(7):1721-6.
77. Christian Münz, Jan D. Lünemann, Meghann Teague Getts, Stephen D. Miller, “Anti-viral immune responses – triggers of or triggered by autoimmunity?“, *Nature Reviews Immunology* (2009), 9(4):246-58.
78. Guido Ferlazzo and Christian Münz, “Dendritic cell interactions with NK cells from different tissues”, *Journal of Clinical Immunology* (2009), 29(3): 265-273.
79. Jan D. Lünemann and Christian Münz, “EBV in MS: Guilty by association?“, *Trends in Immunology* (2009), 30:243-248.
80. Till Strowig*, Cagan Gurer*, Alexander Ploss, Yi-Fang Liu, Frida Arrey, Junji Sashihara, Gloria Koo, Charles M. Rice, James W. Young, Amy Chadburn, Jeffrey I. Cohen and Christian Münz, “Priming of protective T cell responses against virus-induced tumors in mice with human immune system components”, *Journal of Experimental Medicine* (2009), 206: 1423-1434.
81. Monique Gannagé and Christian Münz, “Macroautophagy in immunity and tolerance”, *Traffic* (2009), 10(6):615-20.
82. Anna Lünemann, Jan D. Lünemann and Christian Münz, “Regulatory NK cell functions in inflammation and autoimmunity”, *Molecular Medicine* (2009), 15(9-10):352-8.
83. Monique Gannagé and Christian Münz, “Autophagy in MHC class II presentation of endogenous antigens”, *Current Topics in Microbiology and Immunology* (2009), 335: 123-140.
84. Sonja Meixlsperger and Christian Münz, “Morbus Crohn – a disease of failing macroautophagy in the immune system?“, *International Immunology* (2009), 21:1205-11.

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85. Monique Gannage*, Dorothee Dormann*, Randy Albrecht, Jörn Dengjel, Monica Lee, Tania Torossi, Patrick C. Rämmer, Till Strowig, Frida Arrey, Gina Conenello, Marc Pypaert, Jens Andersen, Adolfo Garcia-Sastre and Christian Münz, “Matrix protein 2 of influenza A virus blocks autophagosome fusion with lysosomes”, *Cell Host & Microbe* (2009), 6: 367-380.
86. Monique Gannage, Patrick C. Rämmer and Christian Münz, “Targeting Beclin 1 for viral subversion of macroautophagy”, *Autophagy* (2010), 6: 166-167.
87. Jan D. Lünemann, Björn Tackenberg, Angela Stein, Susanne Roberts, Klaus-Peter Wandinger, Hans J. Wagner, Christian Münz, Helga Meisel, Norbert Sommer, and Frauke Zipp, “Antibody response to Epstein-Barr virus in patients with CIDP”, *Journal of Neuroimmunology* (2010), 218(1-2):107-111.
88. Christian Münz, “Antigen processing via autophagy – not only for MHC class II presentation anymore?”, *Current Opinion in Immunology* (2010), 22: 89–93.
89. Manuel Comabella, Xavier Montalban, A. Horga, Brady Messmer, Kristina Kakalacheva, Till Strowig, Estrella Caballero, Christian Münz and Jan D. Lünemann, “Antiviral immune response in patients with multiple sclerosis and healthy siblings”, *Multiple Sclerosis* (2010), 16(3):355-8.
90. Jan D. Lünemann, Mar Tintoré, Brady Messmer, Till Strowig, Estrella Caballero, Christian Münz, Xavier Montalban, Manuel Comabella, “Elevated EBNA1-specific immune response predicts disease progression in patients presenting with clinically isolated syndromes”, *Annals of Neurology* (2010), 67: 159-169.
91. Ludger Klein, Christian Münz and Jan D. Lünemann, “Autophagy-mediated antigen processing in CD4⁺ T cell tolerance and immunity”, *FEBS Letters* (2010), 584(7):1405-10.
92. Christian Münz, “Selective macroautophagy for immunity”, *Immunity* (2010), 32: 298-299.
93. Christian Münz, “Antigen processing for MHC presentation by autophagy”, *F1000 Biology Reports* (2010), 2: 61.
94. Manuel Comabella, Xavier Montalban, Christian Münz, Jan D. Lünemann, “Targeting dendritic cells to treat multiple sclerosis”, *Nature Reviews Neurology* (2010), 6: 499-507.
95. Till Strowig*, Obinna Chijioko*, Paolo Carrega, Frida Arrey, Sonja Meixlsperger, Patrick C. Rämmer, Guido Ferlazzo* and Christian Münz*, “Human NK cells of mice with reconstituted human immune system components require pre-activation to acquire functional competence”, *Blood* (2010), 116(20):4158-4167.
96. Mensur Dzabic, Robert Hendricks, Christian Münz and Cecilia Söderberg-Naucler, “Welcome to Herpesviridae-a new premier virology journal”, *Herpesviridae* (2010), 1:1.
97. Monique Gannage and Christian Münz, “MHC presentation via autophagy and how viruses escape from it”, *Seminars in Immunopathology* (2010), 32: 373-381.
98. Kristina Kakalacheva, Christian Münz and Jan Lünemann, “Viral triggers of Multiple Sclerosis”, *BBA – Molecular Basis of Disease* (2011), 812(2):132-40.
99. Graham S. Taylor, Josef Mautner and Christian Münz, “Autophagy in herpesvirus immune control and immune escape”, *Herpesviridae* (2011), 2: 2.
100. Christian W. Keller, Monica Lee, Stuart G. Turville, Anna Lünemann, Jens Schmidt, Christian Münz* and Jan Lünemann*, “TNF-alpha induces macroautophagy and regulates MHC class II expression in human skeletal myocytes”, *Journal of Biological Chemistry* (2011), 286: 3970-3980.

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101. Anna Lünemann, Björn Tackenberg, Tracy DeAngelis, Rosa Barreira da Silva, Brady Messmer, Liliana D. Vanoaica, Aaron Miller, Brian Apatoff, Fred D. Lublin, Jan D. Lünemann* and Christian Münz*, “Impaired IFN- γ production and proliferation of natural killer cells in Multiple Sclerosis”, *International Immunology* (2011), 23(2):139-48.

102. Ming L. Tsang and Christian Münz, “Cytolytic T lymphocytes from HLA-B8⁺ donors frequently recognize the Hodgkin’s lymphoma associated latent membrane protein 2 of Epstein Barr virus”, *Herpesviridae* (2011), 2:4.

103. Patrick C. Rämmer, Obinna Chijioko, Sonja Meixlsperger, Carol S. Leung and Christian Münz, “Mice with human immune system components as in vivo models for infections with human pathogens”, *Immunology and Cell Biology* (2011), 89(3):408-16.

104. Obinna Chijioko and Christian Münz, “Interactions of human myeloid cells with natural killer cell subsets in vitro and in vivo”, *Journal of Biomedicine and Biotechnology* (2011), 2011:251679.

105. Susana Romao and Christian Münz, “Autophagy of pathogens alarms the immune system and participates in its effector functions”, *Swiss Medical Weekly* (2011), 141: w13198.

106. Christian Münz, “Beclin-1 targeting for viral immune escape”, *Viruses* (2011), 3: 1166-1178.

107. Christian Münz, “Macroautophagy in innate immune activation”, *Frontiers in Microbiology* (2011), 2: 72.

108. Kristina Kakalacheva, Michael A. Maurer, Björn Tackenberg, Christian Münz, Nick Wilcox and Jan Lünemann, “Thymic EBV infection is not a distinctive feature of myasthenia gravis”, *Annals in Neurology* (2011), 70(3):508-14.

109. Rosa Barreira da Silva and Christian Münz, “Natural killer cell activation by dendritic cells – balancing inhibitory and activating signals”, *Cellular and Molecular Life Sciences* (2011), 68(21): 3505-3518.

110. Rosa Barreira da Silva, Claudine Graf and Christian Münz, “Cytoskeletal stabilization of inhibitory interactions between dendritic and natural killer cells”, *Blood* (2011), 118(25): 6487-6498.

111. Christian Münz, “Antigen processing by macroautophagy for MHC presentation”, *Frontiers in Immunology* (2011), 2: 1.

112. Manuel Comabella*, Kristina Kakalacheva*, Jordi Río, Christian Münz, Xavier Montalban and Jan D. Lünemann, “EBV-Specific Immune Responses in MS Patients Responding to IFN β Therapy”, *Multiple Sclerosis Journal* (2012), 18(5):605-9.

113. Ilijas Jelčić*, Katharine C. Hsu*, Kristina Kakalacheva, Petra Breiden, Bo Dupont, Markus Uhrberg, Roland Martin, Christian Münz and Jan D. Lünemann, “Killer immunoglobulin-like receptor locus polymorphisms in multiple sclerosis”, *Multiple Sclerosis Journal* (2012), 18(7):951-8.

114. Christian Münz, “Antigen processing for MHC class II presentation via autophagy”, *Frontiers in Immunology* (2012), 3(9): 1-6.

115. Robert E. White*, Patrick C. Rämmer*, Kikkeri N. Naresh, Sonja Meixlsperger, Laurie Pinaud, Cliona Rooney, Barbara Savoldo, Christian Münz* and Martin J. Allday*, “EBNA3B-deficient Epstein-Barr virus induces aggressive B cell lymphoma lacking infiltrating T cells”, *Journal of Clinical Investigation* (2012), 122(4):1487-502.

116. Michael A. Maurer, Goran Rkocevic, Carol Leung, Martin Lukacisin, Norbert Göbels, Christian Münz, Hedda Wardemann, Marinos Dalakas and Jan Lünemann, “Rituximab therapy induces sustained reduction of pathogenic memory B cell expansions during peripheral nervous system autoimmunity”, *Journal of Clinical Investigation* (2012), 122(4):1393-402.

* These authors contributed equally to the work.

117. Emanuela Romano, Jesse W. Cotari, Rosa Barreira da Silva, Brian C. Betts, David J. Chung, Francesca Avogadri, Mitsu J. Fink, Erin T. St. Angelo, Babak Mehrara, Glenn Heller, Christian Münz, Gregoire Altan-Bonnet and James W. Young, “Human Langerhans cells use an IL15 α /IL15/pSTAT5-dependent mechanism to break T-cell tolerance against the self-differentiation tumor antigen, WT1”, *Blood* (2012), 119(22):5182-90.

118. Daniel J. Klionsky, ... Christian Münz, ... and Brian Zuckerbaum, “Guidelines for the use and interpretation of assays for monitoring autophagy”, *Autophagy* (2012), 8(4):445-544.

119. Felix Randow and Christian Münz, “Autophagy in the regulation of pathogen replication and adaptive immunity”, *Trends in Immunology* (2012), 33(10): 475-487.

120. Christian W. Keller, Matthias Schmitz, Christian Münz*, Jan D. Lünemann* and Jens Schmidt*, “TNF- α upregulates macroautophagic processing of APP/ β -amyloid in a human rhabdomyosarcoma cell line”, *Journal of Neurological Sciences* (2013), 325: 103-107.

121. Carol S. Leung, Michael A. Maurer, Sonja Meixlsperger, Anne Lippmann, Cheolho Cheong, Jianmin Zuo, Tracey A. Haigh, Graham S. Taylor and Christian Münz, “Robust T cell stimulation by Epstein-Barr virus-transformed B cells after antigen targeting to DEC-205”, *Blood* (2013), 121(9):1584-94.

122. Monique Gannage, Rosa Barreira da Silva and Christian Münz, “Antigen processing for MHC presentation via macroautophagy”, *Methods in Molecular Biology* (2013), 960:473-88.

123. Sonja Meixlsperger, Carol S. Leung, Patrick C. Rämmer, Maggi Pack, Liliana D. Vanoaica, Gaelle Breton, Steve Pascolo, Andres M. Salazar, Andrzej Dzionek, Jürgen Schmitz, Ralph M. Steinman and Christian Münz, “CD141⁺ dendritic cells produce prominent amounts of IFN- α after dsRNA recognition and can be targeted via DEC-205 in humanized mice”, *Blood* (2013), 121:5034-5044.

124. Wolfgang Jungraithmayr, Laura Codarri, Gregory Bouchaud, Carsten Krieg, Onur Boyman, Gabor Gyülveszi, Burkhard Becher, Walter Weder and Christian Münz, “Cytokine complex expanded natural killer cells improve allogeneic lung transplant function via depletion of donor dendritic cells”, *American Journal of Respiratory and Critical Care Medicine* (2013), 187(12):1349-59.

125. Christian Münz, “Macroautophagy – friend or foe of viral replication?”, *EMBO reports* (2013), 14(6):483-4.

126. Susana Romao, Monique Gannage and Christian Münz, “[Checking the garbage bin for problems in the house, or how autophagy assists in antigen presentation to the immune system](#)”, *Seminars in Cancer Biology* (2013), 23(5):391-396.

127. Christian Münz, “Autophagy in cellular transformation, survival and communication with the tumor microenvironment”, *Seminars in Cancer Biology* (2013), 23(5):299-300.

128. Obinna Chijioke, Tarik Azzi, David Nadal and Christian Münz, “Innate immune responses against Epstein Barr virus infection”, *Journal of Leukocyte Biology* (2013), 94(6):1185-90.

129. Irina Caminschi and Christian Münz, “Autophagy for better or worse during infectious diseases”, *Frontiers in Immunology* (2013), 4: 205

130. Carol Sze Leung, Obinna Chijioke, Cornelia Gujer, Bithi Chatterjee, Olga Antsiferova, Vanessa Landtwing, Donal McHugh, Ana Raykova and Christian Münz, “Infectious diseases in humanized mice”, *European Journal of Immunology* (2013), 43(9):2246-54.

131. Ming-Han Tsai, Ana Raykova, Olaf Klinke, , Katharina Bernhardt, Kathrin Gärtner, Carol Sze Leung, Karsten Geletneky, Serkan Sertel, Christian Münz, Regina Feederle* and Henri-Jacques Delecluse*, “Spontaneous lytic replication and epitheliotropism define an Epstein-Barr virus strain found in carcinomas”, *Cell Reports* (2013), 5(2):458-70.

* These authors contributed equally to the work.

132. Anna Lünemann, Liliana D. Vanoaica, Tarik Azzi, David Nadal and Christian Münz, “A distinct subpopulation of human natural killer cells restricts B cell transformation by the Epstein-Barr virus”, *Journal of Immunology* (2013), 191(10):4989-95.

133. Susana Romao, Nathalie Gasser, Andrea Becker, Bruno Guhl, Milica Bajagic, Liniana Danusia Vanoaica, Joachim Roesler, Jörn Dengjel, Janine Reichenbach and Christian Münz, “Essential autophagy proteins stabilize pathogen containing phagosomes for prolonged MHC class II antigen processing”, *Journal of Cell Biology* (2013), 203(5):757-66.

134. Obinna Chijioke and Christian Münz, “Dendritic cell derived cytokines in human natural killer cell differentiation and activation”, *Frontiers in Immunology* (2013), 4:365.

135. Obinna Chijioke, Anne Müller, Regina Feederle, Mario Henrique M. Barros, Carsten Krieg, Vanessa Emmel, Emanuela Marcenaro, Carol S. Leung, Olga Antsiferova, Vanessa Landtwing, Walter Bossart, Alessandro Moretta, Rocio Hassan, Onur Boyman, Gerald Niedobitek, Henri-Jacques Delecluse, Riccarda Capaul and Christian Münz, “Natural killer cells prevent infectious mononucleosis features”, *Cell Reports* (2013), 5(6):1489-98.

136. Irene Bonaccorsi, Barbara Morandi, Olga Antsiferova, Gregorio Costa, Daniela Oliveri, Romana Conte, Gaetana Pezzino, Giovanna Vermiglio, Giuseppe Pio Anastasi, Giuseppe Navarra, Christian Münz, Emma Di Carlo, Maria Cristina Mingari, and Guido Ferlazzo, “Membrane transfer [from tumor cells overcomes poor phagocytic ability of plasmacytoid dendritic cells for the acquisition and presentation of tumor antigens](#)”, *Journal of Immunology* (2014), 192(2):824-32.

137. Christian Münz, “Influenza A virus lures autophagic protein LC3 to budding sites”, *Cell Host & Microbe* (2014), 15(2):130-1.

138. Camilla Jandus, Obinna Chijioke, He Liu, Meike Dahlhaus, Thomas Demoulin, Kayluz Frias Boligan, Christoph Schneider, Marc Wehrli, Robert E. Hunger, Gabriela M. Baerlocher, Hans-Uwe Simon, Pedro Romero, Christian Münz and Stephan von Gunten, “NK cell Siglec-7/9 expression and ligand interactions in human cancer”, *Journal of Clinical Investigation* (2014), 124(4):1810-20.

139. Susana Romao and Christian Münz, “LC3-associated phagocytosis”, *Autophagy* (2014), 10(3):526-528.

140. Alan B. Rickinson, Umaimaintham Palendira, Heather M. Long, Christian Münz and Andrew D. Hislop, “Cellular immune controls over Epstein Barr virus infection: new lessons from the clinic and the laboratory”, *Trends in Immunology* (2014), 35(4):159-169.

141. Gustavo Salguero, Anusara Daenthanasanmak, Christian Münz, Ana Raykova, Carlos A. Guzman, Peggy Riese, Constanca Figueiredo, Andreas Schneider, Laura Macke, Thorsten Witte, Arnold Ganser and Renata Stripecke, “Lymph node regeneration and functional human T and B responses after hematopoietic cell transplantation in mice immunized with lentivirus-induced dendritic cells”, *Journal of Immunology* (2014), 192(10):4636-47.

142. Bithi Chatterjee, Carol Sze Leung and Christian Münz, “Animal models of Epstein Barr virus infection”, *Journal of Immunological Methods* (2014), 410:80-7.

143. Christian Münz, “Viral infections in mice with reconstituted human immune system components”, *Immunology Letters* (2014), 161(1):118-124.

144. Christian Münz, “Dendritic cells during Epstein Barr virus infection”, *Frontiers in Microbiology* (2014), 5:308.

* These authors contributed equally to the work.

145. Olga Antsiferova, Anne Müller, Patrick C. Rämmer, Obinna Chijioke, Bithi Chatterjee, Ana Raykova, Raquel Planas, Mireia Sospedra, Anatoliy Shumilov, Ming-Han Tsai, Henri-

Jacques Delecluse and Christian Münz, “Adoptive transfer of EBV specific CD8⁺ T cell clones can transiently control EBV infection in humanized mice”, *PLoS Pathogens* (2014), 10(8):e1004333.

146. Tarik Azzi, Anna Lünemann, Anita Murer, Seigo Ueda, Vivien Béziat, Karl-Johan Malmberg, Georg Staubli, Claudine Gysin, Christoph Berger, Christian Münz, Obinna Chijioke* and David Nadal*, “Role for early-differentiated natural killer cells in infectious mononucleosis”, *Blood* (2014), 124(16):2533-43.

147. Dietmar Zehn, Daniel E. Speiser, Daniel T. Utzschneider, Susanne G. Oberle, Christian Münz and Pedro Romero, “T-cell differentiation in chronic infection and cancer - functional adaptation or exhaustion?”, *Nature Reviews Immunology* (2014), 14(11):768-74.

148. Christian Münz, “Regulation of innate immunity by the molecular machinery of macroautophagy”, *Cellular Microbiology* (2014), 16(11):1627-36.

149. Aylene Kübler, Jeanette Woiterski, Kai-Erik Witte, Hans-Jörg Bühring, Udo F. Hartwig, Martin Ebinger, Lena Oevermann, Markus Mezger, Wolfgang Herr, Peter Lang, Rupert Handgretinger, Christian Münz and Maya C. André, “Both mature KIR⁺ and immature KIR⁻ NK cells control pediatric acute B cell precursor leukemia in NOD.Cg-Prkdc^{scid} IL2rg^{tmWjl}/Sz mice”, *Blood* (2014), 124(26): 3914-3923.

150. Heike Nowag, Bruno Guhl, Kerstin Thriene, Susana Romao, Urs Ziegler, Joern Dengjel and Christian Münz, “Macroautophagy proteins assist Epstein Barr virus production and get incorporated into the virus particles”, *EBioMedicine* (2014),1(2): 116-125.

151. Christian Münz, “Role of human natural killer cells during Epstein Barr virus infection”, *Critical Reviews in Immunology* (2014), 34(6):501-7.

152. Heike Nowag and Christian Münz, “Diverting autophagic membranes for exocytosis”, *Autophagy* (2015), 11, 425-7.

153. Cornelia Gujer, Bithi Chatterjee, Vanessa Landtwing, Ana Raykova, Donal McHugh and Christian Münz, “Animal models of Epstein Barr virus infection”, *Current Opinion in Virology* (2015), 13:6-10.

154. Christian Münz, “Of LAP, CUPS and DRibbles – unconventional use of autophagy proteins for MHC restricted antigen presentation”, *Frontiers in Immunology* (2015), 6: 200.

155. Obinna Chijioke, Emanuela Marcenaro, Alessandro Moretta, Riccarda Capaul and Christian Münz, “The SAP-dependent 2B4 receptor mediates CD8⁺ T cell-based immune control of Epstein Barr virus in human immune system mice”, *Journal of Infectious Diseases* (2015), 212(5):803-7.

156. Christian Münz, “EBV infection of mice with reconstituted human immune system components”, *Current Topics in Microbiology and Immunology* (2015), 391:407-23.

157. Shusaku T. Shibutani, Tatsuya Saitoh, Heike Nowag, Christian Münz and Tamotsu Yoshimori, “Autophagy and autophagy-related proteins in the immune system”, *Nature Immunology* (2015), 16 (10): 1014-24.

158. Christian Münz, “The different autophagic routes, by which endosomes travel to lysosomes”, *EMBO Journal* (2015), 34(19):2391-2.

159. Isaak Quast, Christian W. Keller, Michael A. Maurer, John P. Giddens, Björn Tackenberg, Lai-Xi Wang, Christian Münz, Falk Nimmerjahn, Marinos Dalakas, Jan D. Lünemann, “IgG Fc-sialylation impairs complement-dependent cytotoxicity”, *Journal of Clinical Investigation* (2015), 125(11):4160-70.

* These authors contributed equally to the work.

160. Goran Gregorovic, Elizabeth A. Boulden, Rachel Bosshard, Claudio Elgueta Karsteg¹, Rebecca Skalsky, Bryan R. Cullen, Cornelia Gujer, Patrick Rämmer, Christian Münz and Paul J.

Farrell, “Epstein-Barr viruses deficient in EBER RNAs give higher LMP2 RNA expression in lymphoblastoid cell lines and efficiently establish persistent infection in humanized mice”, *Journal of Virology* (2015), 89(22): 11711-11714.

161. Susana Romao, Emilio Tejera Puente, Katarzyna J. Nytko, Ulrich Siler, Christian Münz and Janine Reichenbach, “Reactive oxygen species permit nuclear entry of hydrolases during NETosis”, *Journal of Allergy and Clinical Immunology* (2015), 136(6):1703-1706.

162. Jae Jung and Christian Münz, “Immune control of oncogenic γ -herpesviruses”, *Current Opinion in Virology* (2015), 14:79-86.

163. Jean Francois Fonteneau, Fabienne Brilot, Christian Münz and Monique Gannagé, “The tumor antigen NY-ESO-1 mediates direct recognition of melanoma cells by CD4⁺ T cells after intercellular antigen transfer”, *Journal of Immunology* (2015), 196(1):64-71.

164. Saskia Kreibich, Mario Emmenlauer, Pauli Rämö, Jennifer Fredlund, Christian Münz, Christoph Dehio, Jost Enninga and Wolf-Dietrich Hardt, “Autophagy promotes repair of TTSS-1 damaged endosomes and TTSS-2 expression by SCV lodged Salmonella Typhimurium”, *Cell Host & Microbe* (2015), 18(5):527-37.

165. Christian Münz, “Live long and prosper for antigen cross-presentation”, *Immunity* (2015), 43(6):1028-30.

166. Christian Münz, “Preface to Epstein Barr virus volume 1”, *Current Topics in Microbiology and Immunology* (2015), 390:v-vi.

167. Daniel J. Klionsky, ...Christian Münz, ...Susu M. Zughaier, “Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition)”, *Autophagy* (2016), 12(1):1-222.

168. Laure-Anne Ligeon, Susana Romao and Christian Münz, “Analysis of LC3-associated phagocytosis and antigen presentation”, *submitted*.

169. Monica Loi, Anne Müller, Karin Steinbach, Rosa Barreira da Silva, Petra Paul, Assunta Caruso, Randy A. Albrecht, Andrea Becker, Nicolas Annaheim, Heike Nowag, Jörn Dengjel, Adolfo García-Sastre, Doron Merkler, Christian Münz* and Monique Gannagé*, “Macroautophagy controls MHC class I levels on dendritic cells and shapes the anti-viral CD8⁺ T cell response”, *submitted*.

170. Vanessa Landtwing, Ana Raykova, Gaetana Pezzino, Vivien Béziat, Emanuela Marcenaro, Claudine Graf, Alessandro Moretta, Riccarda Capaul, Andrea Zbinden, Guido Ferlazzo, Karl-Johan Malmberg, Obinna Chijioke* and Christian Münz*, “Cognate HLA absence diminishes NK cell education, but improves EBV specific immune control”, *submitted*.

171. Christian Münz, “Autophagy proteins in antigen processing for presentation on MHC molecules”, *submitted*.

172. Kristina Kakalacheva, Stephan Regenass, Silke Wiesmayr, Tarik Azzi, Christoph Berger, Russell C. Dale, Fabienne Brilot, Christian Münz, Kevin Rostasy, David Nadal and Jan D. Lünemann, “Infectious mononucleosis triggers generation of IgG auto-antibodies against native myelin oligodendrocyte glycoprotein”, *Viruses*, in press.

173. Christian W. Keller, Isaak Quast, Romina Theiler, Monique Gannagé, Christian Münz, Gennaro De Libero*, Stefan Freigang* and Jan D. Lünemann, “Inhibition of macroautophagy stabilizes CD1d expression on dendritic cells for increased NKT cell activation”, *submitted*.

* These authors contributed equally to the work.

174. Margarida Ferreira-Teixeira, Daniela Paiva-Oliveira Belmiro Parada, Vera Alves, Vitor Sousa, Obinna Chijioke, Christian Münz, Flávio Reis, Paulo Rodrigues-Santos* and Célia

Gomes^{*}, “Natural killer cell-based adoptive immunotherapy eradicates and drives differentiation of chemoresistant bladder cancer stem-like cells”, *submitted*.

175. Petra Paul and Christian Münz, “Autophagy and Mammalian Viruses: Roles in Immune Response, Viral Replication and beyond”, *Advances in Virus Research*, in press.

* These authors contributed equally to the work.

Book chapters:

1. Christian Münz, “Immune response and evasion in the Host-EBV interaction“, Chapter 13 in “Epstein-Barr Virus“, Edited by: Erle S. Robertson, 2005, Horizon Scientific Press, Norwich, UK, 197-231.
2. Christian Münz, “Epstein Barr virus“, Chapter 43 in “Handbook of Dendritic Cells. Biology, Diseases and Therapy“, Edited by: M. Lutz, N. Romani and A. Steinkasserer, 2006, Wiley-VCH, Germany, Volume 3: 897-914.
3. Dorothee Schmid and Christian Münz, “Endogenous major histocompatibility complex class II antigen processing of viral antigens“ in “Autophagy in Immunity and Infection“, Edited by: Vojo Deretic, 2006, Wiley-VCH, Germany, 213-225.
4. Dorothee Schmid and Christian Münz, “Localization and MHC class II presentation of antigens targeted for macroautophagy” in “Methods in Molecular Biology: Phagosome“, Edited by Vojo Deretic, 2008, The Humana Press Inc., 445:213-25.
5. Monique Gannagé and Christian Münz, “Monitoring macroautophagy by major histocompatibility complex class II presentation of targeted antigens” in “Methods in Enzymology“, Edited by: Daniel Klionsky, 2009, Elsevier Press, 452:403-21.
6. Christian Münz, “Natural killer cells and Autoimmunity“, in “Natural killer cells“, Edited by Michael Lotze and Angus Thomson 2009, Elsevier Press, 461-467.
7. Christian Münz, “Passive and active immune escape during latent and lytic Epstein Barr virus infection” in “Molecular Biology of Tumor Virus Gene Products“, Edited by Dr. Kenichi Yoshida 2009, Research Signpost, 29-50.
8. Ann Moormann and Christian Münz, “Immune responses to Burkitt’s lymphoma” in “Burkitt’s Lymphoma“, Edited by: Erle S. Robertson 2013, Springer, 227-240.
9. Jan Lünemann and Christian Münz, “Autophagy” in “The Autoimmune Diseases“, 5th Edition, Edited by: Noel Rose and Ian Mackay 2014, Elsevier, 257-262.
10. Christian Münz, “Anatomy and physiology of the immune system“, in “Principles of metabolism in health and disease“, Edited by: Eckhard Lammert and Martin Zeeb 2014, Springer, 305-311.
11. Christian Münz, “Processing and MHC presentation of antigens after autophagy-assisted endocytosis, exocytosis and cytoplasm degradation“, in “Autophagy, Infection, and the Immune Response“, Edited by: William T. Jackson and Michele Swanson 2015, John Wiley & Sons, 303-315.
12. Udo F. Hartwig, Maya C. Andre and Christian Münz, “Maintenance and function of human CD8⁺ T cells and NK cells in humanized mice“, Edited by: Larisa Y. Poluektova, J. Victor Garcia, Yoshio Koyanagi, Markus G. Manz and Andrew M. Tager 2015, Springer, 181-192.
13. Maya C. Andre, Sonja Meixlsperger and Christian Münz, “Phenotypical and functional properties of antigen-presenting cells derived from humanized mice“, Edited by: Larisa Y. Poluektova, J. Victor Garcia, Yoshio Koyanagi, Markus G. Manz and Andrew M. Tager 2015, Springer, 193-205.
14. Christian Münz, “Autophagy in antigen processing for MHC presentation to T cells“, in “Autophagy, Volume 6“, Edited by: M.A. Hayat, Elsevier, *in press*.
15. “Epstein Barr Virus Volume 1 – One Herpesvirus: Many Diseases“, Current Topics in Microbiology and Immunology, Volume 390, Edited by: Christian Münz 2015, Springer.
16. “Epstein Barr Virus, Volume 2 – One Herpesvirus: Many Diseases“, Current Topics in Microbiology and Immunology, Volume 391, Edited by: Christian Münz 2015, Springer.
17. Christian Münz, “Cleaning the house to present suspicious content to the immune system – autophagy in antigen processing for MHC presentation“, *submitted*.

Online talks:

1. Christian Münz (2010), "NK cell subsets and interactions with dendritic cells", in Lanier, L. (ed.), *Natural Killer Cell Biology: Natural killer cell-mediated immunity to pathogens and cancer*, The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <http://hstalks.com/?t=BL0872575-Munz>)