

Artikel in Fachzeitschriften

Nr.	Originalarbeiten (peer reviewed)	IF
14	Erker CG, Becker D, Kuhne M, Schlick C, Miersch C, Rädcl-Abllass K, Schliz K, Vogel K (2024). „Wie geht es Ihnen heute, Mr. Bot?“ – virtuelle Patient:innen in large language models richtig prompten. IU Discussion Papers, Reihe: Gesundheit, Vol. 2, No. 1 (OKT 2024). ISSN 2750-0705	
13	Hoffmann, H., Knizia, C., Kuhne, M. , Panne, U., Schneider, RJ. LC-ELISA as a contribution to the assessment of matrix effects with environmental water samples in an immunoassay for estrone (E1). Accreditation and Quality Assurance 2018 , 23: 349–364.	0,667
12	Dippong M, Carl P, Lenz C, Schenk JA, Hoffmann K, Schwaar T, Schneider RJ, Kuhne M. Hapten-Specific Single-Cell Selection of Hybridoma Clones by Fluorescence-Activated Cell Sorting for the Generation of Monoclonal Antibodies. Analytical Chemistry 2017 ; 89(7): 4007-4012.	6,042
11	Stebbing R, Wang L, Sutherland J, Kammel M, Gaigalas AK, John M, Roemer B, Kuhne M , Schneider RJ, Braun M, Engel A, Dikshit D, Abbasi F, Marti GE, Sassi M, Revel L, Kim S-K, Baradez M-O, Lekishvili T, Marshall D, Whitby L, Jing W, Ost V, Vonsky M, Neukammer J. Quantification of cells with specific phenotypes I: Determination of CD4+ cell count per microliter in reconstituted lyophilized human PBMC prelabeled with anti-CD4 FITC antibody. Cytometry Part A 2015 ; 87(3): 244-253.	3,181
10	Wang L, Stebbings R, Gaigalas AK, Sutherland J, Kammel M, John M, Roemer B, Kuhne M , Schneider RJ, Braun M, [.....], Revel L, Kim SK, Baradez M, Lekishvili T, Marshall D, Whitby L, Jing W, Ost V, Vonsky M, Neukammer J. Quantification of cells with specific phenotypes II: Determination of CD4 expression level on reconstituted lyophilized human PBMC labelled with anti-CD4 FITC antibody. Cytometry Part A 2015 ; 87(3): 254-261.	3,181
9	Kuhne M , Dippong M, Flemig S, Hoffmann K, Petsch K, Schenk JA, Kunte H-J, Schneider RJ. Comparative characterization of mAb producing hapten-specific hybridoma cells by flow cytometric analysis and ELISA. J. Immunol. Methods 2014 ; 413:45-56.	1,820
8	Kuhne M et al. Characterization of auricular chondrocytes and auricular/articular chondrocyte co-cultures in terms of an application in articular cartilage repair. Int. J. Mol. Med. 2010 May;25(5):701-8.	1,814
7	Kuhne M , Erben U, Schulze-Tanzil G, Köhler D, Wu P, Richter J, John T, Radbruch A, Sieper J, Appel H. HLA-B27 restricted antigen presentation by human chondrocytes to CD8+ T cells: Potential contribution to local inflammation in ankylosing spondylitis. Arthritis Rheum. 2009 ; 60:1635-46.	4,017
6	Appel H, Kuhne M , Spieckermann S, Ebhardt H, Grozdanovic Z, Köhler D, Dreimann M, Hempfing A, Rudwaleit M, Stein H, Metz-Stavenhagen P, Sieper J, Loddenkemper C. Immunohistologic analysis of zygapophyseal joints in patients with ankylosing spondylitis. Arthritis Rheum. 2006 ; 54: 2845-51.	3,751

5	Appel H, Kuhne M, Spieckermann S, Köhler D, Zacher J, Sieper J, Loddenkemper C.	3,751
4	Immunohistochemical analysis of hip arthritis in ankylosing spondylitis: evaluation of the bone-cartilage interface and subchondral bone marrow. <i>Arthritis Rheum.</i> 2006 ; 54:1805-13.	
3	Appel H, Kuon W, Kuhne M, Hulsmeier M, Kollnberger S, Kuhlmann S, Weiss E, Zeitz M, Wucherpfennig K, Bowness P, Sieper J. The solvent-inaccessible Cys67 residue of HLA-B27 contributes to T cell recognition of HLA-B27/peptide complexes. <i>J. Immunol.</i> 2004 ; 173:6564-73.	6,886
2	Appel H, Kuon W, Kuhne M, Wu P, Kuhlmann S, Kollnberger S, Thiel A, Bowness P, Sieper J. Use of HLA-B27 tetramers to identify low-frequency antigen-specific T cells in Chlamydia-triggered reactive arthritis. <i>Arthritis Res. Ther.</i> 2004 ; 6:R521-34.	3,931
1	Kuon W, Kuhne M, Busch DH, Atagunduz P, Seipel M, Wu P, Morawietz L, Fernahl G, Appel H, Weiss EH, Krenn V, Sieper J. Identification of novel human aggrecan T cell epitopes in HLA-B27 transgenic mice associated with spondyloarthropathy. <i>J. Immunol.</i> 2004 ; 173:4859-66.	6,886
	Appel H, Neure L, Kuhne M, Braun J, Rudwaleit M, Sieper J. An elevated level of IL-10- and TGFbeta-secreting T cells, B cells and macrophages in the synovial membrane of patients with reactive arthritis compared to rheumatoid arthritis. <i>Clin. Rheumatol.</i> 2004 ; 23:435-40.	1,316

Wissenschaftliche Vorträge/ Funktionen in wissenschaftlichen Fachtagungen

- 2025 Von KI bis Kartenspiel: Stationenlernen neu definiert/ Vortrag/ University:Future Festival UFF 2025, Berlin.
- 2025 Inwiefern beeinflusst die hybride Gestaltung physischer und digitaler Lernräume durch Stationenlernen 2.0 die Lernmotivation von Studierenden im Medizinstudium?/ Poster Presentation/ DiKuLe Symposium 2025 (Digitale Kulturen in der Lehre entwickeln), Universität Bamberg.
- 2025 Escape Games als didaktisches Werkzeug für kompetenzorientierte Lehre./ Workshop/ Fachtagung der Deutschen Gesellschaft für Hochschuldidaktik 2025 (dghd 2025), Frankfurt University of Applied Sciences.
- 2025 E-Portfolios als Werkzeug für kompetenzorientierte Prüfungen./ Impulsforum / Fachtagung der Deutschen Gesellschaft für Hochschuldidaktik 2025 (dghd 2025), Frankfurt University of Applied Sciences.
- 2024 Best-Practice-Beispiel: Einsatz eines E-Portfolios als kompetenzorientiertes Prüfungsinstrument in einem Flipped Classroom./ Vortrag/ Tagung der Interdisziplinären Fachgesellschaft für Didaktik Gesundheit (IFDG), MSH Medical School Hamburg.
- 2015 Tackling Hybridoma technique: single-cell fusion and antigen-specific labeling of Hybridomas/ Poster Presentation/ Fraunhofer Life Science Day, Leipzig Germany.
- 2013 Flow Cytometry (FACS) for characterization and sorting of murine B cells to advance development of monoclonal antibodies/ Poster Presentation/ Trends in Diagnostics, Tübingen Germany.
- 2013 Specific labelling and FACS of murine hybridoma cells during clone selection for mab production/ Poster Presentation/ Proteomic Forum Berlin. Berlin Germany.
- 2012 Flow Cytometry (FACS) for characterization and sorting of murine hybridoma cells in order to select for mab production/ Poster Presentation/ Potsdam Days on Bioanalysis, Potsdam Germany.
- 2011 Murine hybridoma cells can be specifically labeled and sorted by Flow Cytometry (FACS) in order to select clones for mab production/ Poster Presentation/ Proteomics Forum, Berlin Germany.
- 2011 Selektion muriner Hybridomazellen am Durchflußzytometer (FACS)/ Poster Presentation/ 5. Senftenberger Innovationsforum Multiparameteranalytik, Senftenberg Germany.
- 2010 Flow Cytometry (FACS) for characterization and sorting of murine B cells to advance Development of monoclonal antibodies/ Poster Presentation/ Pacificchem, Honolulu Hawaii.
- 2010 HLA-B27 Restricted CD8+ T Cell Recognition of Autologous G1 Aggrecan Peptide Epitope In B27tg Mice and Human AS-Patients/ Poster Presentation/ International Congress of Immunology, Kobe Japan.

- 2007 Peptide-Specific Human CD8+ T Cell Stimulation through Human Chondrocytes in a Patient with Ankylosing Spondylitis (AS)/ Poster Presentation/ Annual European Congress of Rheumatology (EULAR), 13.-16. Jun 2007 Barcelona, Spain. Ann Rheum Dis 2007;66 (Suppl II):387.
- 2007 Comparison of the RANK, RANKL and Osteoprotegerin Expression in the Hip of Patients with Ankylosing Spondylitis, Rheumatoid Arthritis and Osteoarthritis/ Poster Presentation/ Annual European Congress of Rheumatology (EULAR), 13.-16. Jun 2007 Barcelona, Spain. Ann Rheum Dis 2007;66 (Suppl II):387.
- 2007 Chondrocyte-Mediated Antigen-Presentation and Antigen-Specific Lysis of Chondrocytes by CD8+ T Cells/ Poster Presentation/ ACR/ARHP Annual Scientific Meeting, 6.-11. Nov 2007, Boston.
- 2006 Expression of HLA-B27 in Human Chondrocytes of a Patient with Ankylosing Spondylitis (AS) – In Vitro and In Vivo Observations/ Poster Presentation/ Annual European Congress of Rheumatology (EULAR), 21.-24. Jun 2006 Amsterdam, the Netherlands. Ann Rheum Dis 2006;65 (Suppl II):205.
- 2006 Two and Three Dimensional Reconstruction of Removed Zygapophyseal Joints by CT Scan and its Correlation to Histopathological Findings in Patients with Ankylosing Spondylitis/ Annual European Congress of Rheumatology (EULAR), 21.-24. Jun 2006 Amsterdam, the Netherlands. Ann Rheum Dis 2006;65 (Suppl II):68.
- 2006 The Role of CD20+ B Cells in Active Inflammation in the Spine of Patients with Ankylosing Spondylitis/ Annual European Congress of Rheumatology (EULAR), 21.-24. Jun 2006 Amsterdam, the Netherlands. Ann Rheum Dis 2006;65 (Suppl II):69.
- 2006 Immunohistochemical Analysis of the RANK, RANKL and Osteoprotegerin Expression in Hip Arthritis of Patients with Ankylosing Spondylitis (AS)/ Poster Presentation/ ACR/ARHP Annual Scientific Meeting, 10.-15. Nov 2006, Washington.
- 2006 Histopathological Findings in Removed Zygapophyseal Joints of Patients with Ankylosing Spondylitis and Osteoarthritis and its Correlation to Two and Three Dimensional Reconstruction by Computer Tomography/ Poster Presentation/ ACR/ARHP Annual Scientific Meeting, 10.-15. Nov 2006, Washington.
- 2005 Oostoclastic Vascoproliferative Lesions and Subchondral T Cell Infiltrates at the Bone/Cartilage Interface in AS Patients with Hip Arthritis/ Abstract/ Annual European Congress of Rheumatology (EULAR), 8.-11. Jun 2005 Vienna, Austria. Ann Rheum Dis 2005;64 (Suppl III):108.
- 2005 Immunohistological Analysis of Facette Joints in Patients with Ankylosing Spondylitis/ Poster Presentation/ Annual European Congress of Rheumatology (EULAR), 8.-11. Jun 2005 Vienna, Austria. Ann Rheum Dis 2005;64 (Suppl III):332.
- 2005 T Cell Inflammation, Bone Marrow Edema, High Microvessel Density and High Osteoblastic Activity is Present in Facette Joints of Patients with Ankylosing Spondylitis/ Poster Presentation and Abstract/ ACR/ARHP Annual Scientific Meeting, 12.-17. Nov 2005, San Diego.

- 2005 Histopathological Features of Coxitis in Patients with Ankylosing Spondylitis during Different Stages of Inflammation/ Poster Presentation/ ACR/ARHP Annual Scientific Meeting, 12.-17. Nov 2005, San Diego.
- 2005 Inflammation in the Spine of Patients with Ankylosing Spondylitis (AS): Correlation of Histopathology with Findings in Magnetic Resonance Imaging (MRI)/ Abstract/ ACR/ARHP Annual Scientific Meeting, 12.-17. Nov 2005, San Diego.
- 2004 Identification of Human Aggrecan-Peptides by HLA-B27 Restricted CD8+ T Cells in BALB/C-B27 Transgenic Mice. A New Arthritogenic Mouse Model?/ Annual European Congress of Rheumatology (EULAR), 9.-12. Jun 2004 Berlin, Germany.
- 2004 Hypervascularisation and CD8+ T Cell Infiltrates at the Bone/Cartilage Interface in Ankylosing Spondylitis Patients with Coxitis/ Abstract/ Annual European Congress of Rheumatology (EULAR), 9.-12. Jun 2004 Berlin, Germany.
- 2004 Recognition of Human Aggrecan-Peptides by HLA-B27 Restricted, CD8+ T Cells in BALB/C-B27 Transgenic Mice/ 12th International Congress of Immunology, 18.-23. July 2004 Montreal, Canada.
- 2004 Residue Cys-67 of HLA-B27 Contributes to Antigen Presentation and T Cell Recognition of HLA-B27 Restricted T Cell Epitopes/ Poster Presentation/ ACR/ARHP Annual Scientific Meeting, 17.-21. Okt 2004, San Antonio.
- 2004 Histopathology in Ankylosing Spondylitis (AS): Subchondral CD8+ T Cell Infiltrates and Hypervascularisation at the Bone/Cartilage Interface in Young AS Patients with Coxitis/ Poster Presentation/ ACR/ARHP Annual Scientific Meeting, 17.-21. Okt 2004, San Antonio.
- 2004 Structural and Functional Analysis of Novel Human Aggrecan Epitopes in BALB/c-B27 Transgenic Mice Associated with Spondyloarthritis/ Abstract/ ACR/ARHP Annual Scientific Meeting, 17.-21. Okt 2004, San Antonio.
- 2003 In Situ Detection of Antigen-Specific CD8+ T Cells in the Spleen of HLA-B27 Transgenic Mice with HLA-B27 Tetramers. Poster Presentation, Annual European Congress of Rheumatology (EULAR), 18.-21. Jun 2003 Lisbon, Portugal.
- 2003 Detection of Chlamydia Trachomatis (CT) Derived Immunodominant Peptides in HLA-B27+ Patients with CT- Triggered Reactive Arthritis/ Poster Presentation/ Annual European Congress of Rheumatology (EULAR), 18.-21. Jun 2003 Lisbon, Portugal.
- 2003 HLA-B27 Restricted, Peptide Specific CD8+ T Cell Response and the Use of HLA-B27 Tetramers in Chlamydia Triggered Reactive Arthritis/ Abstract/ ACR/ARHP Annual Scientific Meeting, 24.-28. Okt 2003, Orlando.

Patente

Schneider R. (10%), Kuhne M (90%) „Verfahren zur Charakterisierung und Selektion Hapten-spezifischer Hybridomazellen und Herstellung hochaffiner monoklonaler anti-Hapten-Antikörper“. Deutsche Patentanmeldung Nr. DE 102014114522 A1, Veröffentlichungsschrift April 2016.