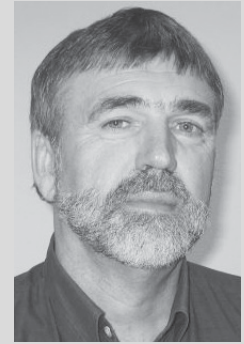


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Curriculum vitae

| | |
|-------------|--|
| since 2014 | Seniorprofessorship, Institute of Biochemistry |
| 2005 - 2014 | Scientific Director, Charité Centrum 2, Basic Sciences, Charité |
| 1993 - 2013 | Professor (C4) and Head, Institute of Biochemistry, Charité |
| 1987 - 1993 | Professor (C2), Institute of Molecular Genetics, University of Heidelberg |
| 1986 - 1993 | Research group leader, Centre for Molecular Biology, Heidelberg, |
| 1982 - 1987 | Assistant Professor, Institute of Molecular Genetics, University of Heidelberg |
| 1981 - 1982 | Post doc, Institute of Biochemistry, Oxford University |
| 1979 - 1981 | Post doc DFG, Institute of Zoology, University of St. Andrews, Scotland |
| 1976 - 1979 | PhD, Institute of Genetics, University of Düsseldorf |
| 1976 | Diploma in Biology, University of Düsseldorf |
| 1972 - 1976 | Studies of Genetics/Biochemistry, University of Düsseldorf |
| 1970 - 1972 | Studies of Biology/Microbiology, University of Tübingen |

Research fields

- The role of the ubiquitin-proteasome system in inflammation and T-cell immunology

Activities in the scientific community, honors, awards

| | |
|--------------------|---|
| Board Reviewer | Deutsche Forschungsgemeinschaft, Wellcome Trust, The Israel Science Foundation, Cancer Research UK, the Dutch Cancer Society, Deutsche Krebshilfe, NIH |
| Editorial Reviewer | Molecular Immunology Cell, Nature, Molecular Immunology, American Journal of Pathology, International Journal of Cancer, Immunity, Nature Immunology, Nature Cell Biol., Glia, J. Immunology, Biological Chemistry, FEBS Letters, Journal of Experimental Medicine, EMBO J, J. Mol. Med. |
| Memberships | Gesellschaft für Biochemie und Molekularbiologie e.V., International Proteolysis Society, Berliner Krebsgesellschaft |
| 2012 | PI of the "Berlin School of Integrative Oncology (BSIO)" as part of the German excellence initiative |
| 2008 - dto | PI of the German excellence cluster "Neurocure" at the Charité |
| 2005 - 2010 | Founding director of the Charité International Master program "Molecular medicine". |
| 2003 | Medal of Honor for "Achievements in Proteasome Research", European Proteasome Workshop, Clermont-Ferrand, France |
| 1999 - 2008 | Coordinator of the Collaborative Research Center (SFB) 421, "Protective and pathological consequences of antigen processing" |

1998 - 2004 Coordinator of the DFG Priority Program (SPP 1045) Structure & functional regulation of the 20S/26S proteasome

Selected publications

Ebstein F, Voigt A, Lange N, Warnatsch A, Schroter F, Prozorovski T, Kuckelkorn U, Aktas O, Seifert U, Kloetzel PM, Kruger E. Immunoproteasomes are important for proteostasis in immune responses. *Cell*. 2013;152(5):935-7.

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Kruger E, Kloetzel PM. Immunoproteasomes at the interface of innate and adaptive immune responses: two faces of one enzyme. *Curr Opin Immunol*. 2012;24(1):77-83.

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Seifert U, Bialy LP, Ebstein F, Bech-Otschir D, Voigt A, Schroter F, Prozorovski T, Lange N, Steffen J, Rieger M, Kuckelkorn U, Aktas O, Kloetzel PM, Kruger E. Immunoproteasomes preserve protein homeostasis upon interferon-induced oxidative stress. *Cell*. 2010;142(4):613-24.

Bech-Otschir D, Helfrich A, Enenkel C, Consiglieri G, Seeger M, Holzhutter HG, Dahlmann B, Kloetzel PM. Polyubiquitin substrates allosterically activate their own degradation by the 26S proteasome. *Nat Struct Mol Biol*. 2009;16(2):219-25.

Seifert U, Liermann H, Racanelli V, Halenius A, Wiese M, Wedemeyer H, Ruppert T, Rispeter K, Henklein P, Sijts A, Hengel H, Kloetzel PM, Rehmann B. Hepatitis C virus mutation affects proteasomal epitope processing. *J Clin Invest*. 2004;114(2):250-9.

Aktas O, Prozorovski T, Smorodchenko A, Savaskan NE, Lauster R, Kloetzel PM, Infante-Duarte C, Brocke S, Zipp F. Green tea epigallocatechin-3-gallate mediates T cell NF-kappa B inhibition and exerts neuroprotection in autoimmune encephalomyelitis. *J Immunol*. 2004;173(9):5794-800.

Seifert U, Maranon C, Shmueli A, Desoutter JF, Wesoloski L, Janek K, Henklein P, Diescher S, Andrieu M, de la Salle H, Weinschenk T, Schild H, Laderach D, Galy A, Haas G, Kloetzel PM, Reiss Y, Hosmalin A. An essential role for tripeptidyl peptidase in the generation of an MHC class I epitope. *Nat Immunol*. 2003;4(4):375-9.

Groettrup M, Soza A, Eggers M, Kuehn L, Dick TP, Schild H, Rammensee HG, Koszinowski UH, Kloetzel PM. A role for the proteasome regulator PA28alpha in antigen presentation. *Nature*. 1996;381(6578):166-8.