

## Kamilla Ripkens

### UMESciA Project

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Characterization of the proteotoxic stress burden of head and neck cancer cells

### Postdoctoral Researcher

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2015 – today            ZMB, Prof Ehrmann, University Duisburg-Essen

### PhD Student

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2010 – 2015            ZMB, Prof Ehrmann, University Duisburg-Essen  
„Untersuchungen zur Regulation und Bedeutung der Serinprotease HTRA1  
in Tumorzellen“

### BSc and MSc Student

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2005 – 2010            University Duisburg-Essen  
BSc and MSc in “Medizinische Biologie”

### Hospital Nurse

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2003 – 2005            Vie Curi, Venlo, NL

### Workshop and Meetings

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2016                    Current and Future Prospects in medical Biotechnology, Aurich, D  
2014                    Bacterial Genetics, Physiology and Biotechnology conference,  
                              Institute Pasteur, Paris, F  
2012                    “*Eucaryotic gene expression course*“  
                              Cold Spring Harbor Laboratory, New York, USA

### Publications

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Rey J, Breiden M, Lux V, Bluemke A, Steindel A, **Ripkens K**, Moellers B, Bravo Rodriguez K, Boisguerin P, Volkmer R, Mieres-Perez J, Clausen T, Sanchez-Garcia E and Ehrmann M 2022. An allosteric HTRA1-calpain 2 complex with restricted activation profile. PNAS, 119:e2113520119

Schmidt N, Irle I, **Ripkens K**, Lux V, Nelles J, Johannes C, Parry L, Greenow K, Amir S, Campioni C, Baldi A, Oka C, Kawaichi M, Clarke AR, Ehrmann M. 2016. Epigenetic silencing of serine protease HTRA1 drives polyploidy. BMC Cancer, 16:39