

Lutz Riechmann, PhD

Cambridge, UK

Curriculum vitae,

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| 7.5.1960 | born in Minden, Germany |
| 1965-1978 | School education in Minden, Germany |
| 1978-1979 | Civil service at the Health Service in Minden, Germany |
| 1979-1984 | Undergraduate training in biology at the University of Bremen, Germany |
| 1984-1986 | PhD in biology at the University of Bremen, Germany |
| 1986-1988 | Postdoc with Greg Winter at the MRC-LMB in Cambridge, UK |
| 1988-1989 | Postdoc with Richard Lerner at the Scripps Research Institute in La Jolla, USA |
| 1989-1997 | Group leader at the MRC-LMB in Cambridge, UK |
| 1997-2008 | Senior Scientific Officer with Greg Winter at the MRC-LMB in Cambridge, UK |
| 2008-2009 | Director Display Technology at F-star, Cambridge, UK |
| 2009-2011 | Senior Scientific Officer with Greg Winter at the MRC-LMB in Cambridge, UK |
| since 2011 | Consultant for antibody engineering |

Fellowships and awards,

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| 1984-1986 | PhD fellowship of the "Stipendienfonds der chemischen Industrie" |
| 1986 | PhD award of the "Stipendienfonds der chemischen Industrie" |
| 1986-1988 | Postdoctoral fellowship of the "Sonderprogramm Gentechnologie" |
| 1988-1990 | Postdoctoral fellowship of the "Deutsche ForschungsGemeinschaft" |
| 1990-1993 | Special fellow of the Leukemia Society of America |

Publications,

Riechmann, L. (1984) Mechanismus der kinetisch kontrollierten Peptidsynthese mit Serinproteasen. Diploma thesis at the University Bremen.

Riechmann, L. & Kasche, V. (1984) Kinetic studies on the mechanism and the specificity of peptide semisynthesis catalysed by the serine proteases α -chymotrypsin and β -trypsin. Biochem. Biophys. Res. Comun. 120, 686-691.

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McManus, S. & Riechmann, L. (1991) Use of 2D-NMR, protein engineering and molecular modeling to study the hapten binding site of an antibody Fv-fragment against 2-phenyloxazolone. *Biochemistry* 30, 5851-5857.

Riechmann, L., Cavanagh, J. & McManus, S. (1991) Uniform labeling of a recombinant antibody Fv-fragment with ¹⁵N and ¹³C for heteronuclear NMR spectroscopy. *FEBS Lett.* 287, 185-188.

Riechmann, L., Weill, M. & Cavanagh, J. (1992) Improving the antigen affinity of an antibody Fv-fragment by protein design. *J. Mol. Biol.* 224, 913-918.

Riechmann, L. & Weill, M. (1993) Phage-display and selection of a site-directed randomised single-chain antibody Fv-fragment for its affinity improvement. *Biochemistry*, 32, 8848-8855.

Davies, J. & Riechmann, L. (1994) Camelising human antibody fragments: NMR studies on VH domains. *FEBS Lett.* 339, 285-290.

Davies, J. & Riechmann, L. (1995) Antibody VH domains as small recognition units. *Bio/Technology* 13, 475-479.

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- Patents,**
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- Riechmann, L., Kristensen, P., Jestin J.-L. & Winter, G.P. (2000) Selection system. US7442159.
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