

Dr Claire Bacon

Scientific writer and language editor

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Facebook: <https://www.facebook.com/baconediting/>

PERSONAL PROFILE

I am passionate about communicating good science in the best possible way. This motivated me to leave lab-based research and set up my own language editing business. With plenty of experience publishing academic papers, I understand exactly what constitutes a well-written manuscript and am committed to helping non-native English-speaking scientists write research papers that are more likely to get published. I work on a freelance basis, editing scientific and clinical manuscripts at all levels, from light copy editing to deeper developmental editing. I also write research manuscripts and academic blogs. My areas of research expertise are neuroscience, human genetics and clinical science.

EMPLOYMENT HISTORY

March 2015 – present

Owner, Bacon Editing

Freelance scientific writer and language editor

October 2010 – December 2015

Institute: Institute of Human Genetics, University of Heidelberg, Germany

Position: Project leader

Project title: Role of the *FOXP1* transcription factor in brain development and cognitive function

February 2007 – September 2010

Institute: Institute of Human Genetics, University of Heidelberg, Germany

Position: Postdoctoral scientist

Project title: Functional analysis of the Slit-Robo GTPase activating protein 3 (srGAP3) in commissural axon guidance

September 2003 – September 2006

Institute: Department of Biological Sciences, University of York, England

Position: Doctoral candidate

Project title: Do oligodendrocytes and Schwann cells use actin polymerisation-driven protrusion to ensheath axons at myelination?

September 2002 – September 2003

Institute: AO Research Institute, Davos, Switzerland

Position: Master of Philosophy candidate

Project title: Osteoblast adhesion and morphology on various coated implant surfaces

SOCIETY MEMBERSHIPS

Intermediate member of the Society for Editors and Proofreaders (SfEP)

Society of English-Language Professionals in the Netherlands (SENSE)

European Association of Scientific Editors (EASE)

Federation of European Neurosciences (FENS)

LANGUAGES

Native English speaker

German (level B2/C1)

PUBLICATION HISTORY

First-author publications

Bacon, C., LeMagueresse, C., Schneider, M., Froehlich, H., Sticht, C., Gluch, C., Monyer, H., Rappold, G.A. (2015) Brain-specific *Foxp1* deletion impairs neuronal development and causes autistic-like behaviour. *Molecular Psychiatry*. 20(5), 632–9

Bacon, C., Endris, V., Rappold, G.A. (2012) The cellular function of srGAP3 and its role in neuronal morphogenesis. *Mechanisms of Development*. 2, 00111–6

Bacon, C. and Rappold, G.A. (2012) The distinct and overlapping phenotypic spectra of FOXP1 and FOXP2 in cognitive disorders. *Human Genetics*. 131, 1687–98

Bacon, C., Endris, V., Andermatt, I., Niederkofler, V., Waltereit, R., Bartsch, D., Stoeckli, E.T., Rappold, G.A. (2011) Evidence for a role of srGAP3 in the positioning of commissural axons within the ventrolateral funiculus of the mouse spinal cord. *PLoS One*. 6, e19887

Bacon, C., Endris, V., Rappold, G.A. (2009) Dynamic expression of the Slit-Robo GTPase activating protein genes during development of the murine nervous system. *Journal of Comparative Neurology*. 513, 224–36

Bacon, C., Lakics, V., Machesky, L., Rumsby, M. (2007) N-WASP regulates extension of filopodia and processes by oligodendrocyte progenitors, oligodendrocytes and Schwann cells – implications for axon ensheathment at myelination. *Glia*. 55, 844–58

Co-author publications

Thiele, O.C., Mertens, C., **Bacon, C.**, Flechtenmacher, C., Zaoui, K., Mischkowski, R.A. (2014) Facial basal cell carcinoma with successive metastases to the neck, thyroid gland and lung. *Journal of Craniomaxillofacial Surgery*. 42(5), 489–91

Hoffmann, S., Berger, I.M., Glaser, A., **Bacon, C.**, Li, L., Gretz, N., Steinbeisser, H., Rottbauer, W., Just, S., Rappold, G.A. (2013) *Islet1* is a direct transcriptional target of the homeodomain transcription factor *Shox2* and rescues *Shox2*-mediated bradycardia. *Basic Research in Cardiology*. 108(2), 339

Waltereit, R., Leimer, U., von Bohlen Und Halbach, O., Panke, J., Holter, S.M., Garrett, L., Wittig, K., Schneider, M., Schmitt, C., Calzada-Wack, J., Neff, F., Becker, L., Prehn, C., Kutscherjawy, S., Endris, V., **Bacon, C.**, Fuchs, H., Gailus-Durner, V., Berger, S., Schonig, K., Adamski, J., Klopstock, T., Esposito, I., Wurst, W., de Angelis, M.H., Rappold, G.A., Wieland, T., Bartsch, D. (2012) *Srgap3*^{-/-} mice present a neurodevelopmental disorder with schizophrenia-related intermediate phenotypes. *FASEB Journal*. 11, 4418–28

Scherfler, S., Freier, K., Seeberger, R., **Bacon, C.**, Hoffmann, J., Thiele, O.C. (2012) Cranio-maxillofacial non-Hodgkin's lymphoma: clinical and histological presentation. *Journal of Craniomaxillofacial Surgery*. 40(7), e211–3

Endris, V., Haussmann, L., Buss, E., **Bacon, C.**, Bartsch, D., Rappold, G.A. (2011) SrGAP3 interacts with lamellipodin at the cell membrane and regulates Rac-dependent cellular protrusions. *Journal of Cell Science*. 124, 3941–55

Thiele, O.C., Freier, K., **Bacon, C.**, Flechtenmacher, C., Scherfler, S., Seeberger, R. (2011) Craniofacial metastases: a 20-year survey. *Journal of Craniomaxillofacial Surgery*. 39(2), 135–7

Castrillon-Oberndorfer, G., Seeberger, R., **Bacon, C.**, Engel, M., Ebinger, F., Thiele, O.C. (2010) GAPO syndrome associated with craniofacial vascular malformation. *American Journal of Medical Genetics A*. 152A(1), 225–7

Thiele, O.C., Seeberger, R., **Bacon, C.**, Mühlhling, J., Freier, K., Hofele, C. (2009) Recurrent craniofacial dermatofibrosarcoma protuberans: long-term prognosis after close surgical removal. *Journal of Craniofacial Surgery*. 20(3), 844–6

Thiele, O.C., Freier, K., **Bacon, C.**, Egerer, G., Hofele, C.M. (2008) Interdisciplinary combined treatment of craniofacial osteosarcoma with neoadjuvant and adjuvant chemotherapy and excision of the tumour: a retrospective study. *British Journal of Oral and Maxillofacial Surgery*. 46(7), 533–6

Harris, L.G., Patterson, L.M., **Bacon, C.**, Gwynn, I., Richards, R.G. (2005) Assessment of the cytocompatibility of different coated titanium surfaces to fibroblasts and osteoblasts. *Journal of Biomedical Materials Research A*. 73, 12–20

EDUCATION

January 2018 – present

SfEP online course: Copy Editing Headway

January 2017 – July 2017

Scribendi online Editing Boot Camp course (result: 87%)

September 2003 – September 2006

Degree: Doctor of Philosophy (Biology)

Institute: Department of Biological Sciences, University of York, England

Project title: Do oligodendrocytes and Schwann cells use actin polymerisation-driven protrusion to ensheath axons at myelination?

September 2002 – September 2003

Degree: Master of Philosophy (Biology)

Institute(s): AO Research Institute, Davos, Switzerland and University of Wales, Aberystwyth, Wales

Project title: Osteoblast adhesion and morphology on various coated implant surfaces

September 1999 – July 2002

Degree: Bachelor of Science (Hons) in Biochemistry (*Upper Second Class Award*)

Institute: University of Wales, Aberystwyth, Wales

Bachelor project title: Aneuploidy versus mutation as a cause of cancer

September 1996 – July 1999

Advanced Levels: Biology (grade A), Chemistry (grade C), Geography (grade A), Psychology (grade A), English Language (grade A)

Institute: Thomas Rotherham College, England

September 1991 – July 1996

General Certificates of Secondary Education: Dual Science (grade A*A*), Mathematics (grade A), English (grade A), German (grade A), Geography (grade A), History (grade A), Technology (grade A), English Literature (grade B)

Institute: Rawmarsh Comprehensive School, England

ORAL PRESENTATIONS AT ACADEMIC CONFERENCES

European Society of Human Genetics, Nürnberg, Germany 2012

Bacon, C., Endris, V., Stoeckli, E., Waltereit, R., Bartsch, D., Rappold, G.A: The functional spectrum of srGAP3 in cognitive development

Interdisciplinary Centre for Neuroscience Heidelberg annual meeting, Schöntal, Germany 2012

Bacon, C and Rappold, G.A: Uncovering the role of Foxp1 in cognitive disorders

POSTER PRESENTATIONS AT ACADEMIC CONFERENCES

German Society of Human Genetics, Essen, Germany, 2013

Bacon, C., LeMagueresse, C., Schneider, M., Froehlich, H., Sticht, C., Gluch, C., Monyer, H., Rappold, G: Brain-specific *Foxp1* deletion impairs neuronal development and causes autistic-like behaviour

European Society of Human Genetics, Nürnberg, Germany, 2012

Bacon, C and Rappold, G.A: Elucidating the role of Foxp1 in striatal development

German Society of Human Genetics, Aachen, Germany, 2009

Bacon, C., Endris, V., Rappold, G.A: Dynamic expression of the Slit-Robo GTPase activating proteins during development of the murine nervous system

American Society for Neurochemistry, Portland, USA, 2006

Bacon, C., Lakics, V., Machesky, L., Rumsby, M: Oligodendrocytes and Schwann cells use WASp/WAVE proteins for process extension – implications for axon ensheathment at myelination

International Society for Neurochemistry satellite meeting – Myelin development and function, Irsee, Germany, 2005

Bacon, C., Lakics, V., Machesky, L., Rumsby, M: Do oligodendrocytes and Schwann cells use actin polymerisation-driven protrusion to ensheath axons at myelination?

Euroglia meeting on glial cell function in health and disease, Amsterdam, The Netherlands, 2005

Bacon, C., Lakics, V., Machesky, L., Rumsby, M: Does actin polymerisation-driven protrusion drive axon ensheathment at myelination?

Annual meeting of the Tissue and Cell Engineering Society, Cardiff, Wales, 2003.

Bacon, C., Patterson, L., Harris, L., Ap Gwynn, I., Richards, R.G: Osteoblast adhesion and morphology and *Staphylococcus aureus* adhesion on various coated orthopaedic implant surfaces

PRIZES/AWARDS

Senior scholarship from University of Wales, Aberystwyth for 1999–2002

Kathryn Mary Stott prize for excellence in Biology, University of York, 2006