

Curriculum Vitae

Kaspar Rufibach, PhD
Biostatistician

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CONTACT:

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PERSONAL DATA:

Date of birth: April 23, 1977
Citizenship: Swiss

PROFESSIONAL EXPERIENCE:

07/2015 – Methods, Collaboration, and Outreach group, Biostatistics, F. Hoffmann-La Roche Ltd, Basel, Switzerland (on 50% rotation from 07/2015 - 12/2016, full time 90% since 01/2017)

- Small group of statisticians serving as point of contact for methodological questions within Roche Biostatistics.
- Develop fit-for-purpose methodology and software.
- Collaborate with external partners in industry and academia.
- Mentoring interns.
- Provide trainings to Statisticians and non-Statisticians, in- and externally.
- Consulting for Roche Biostatisticians.
- Job titles at Roche: Statistical Scientist (05/2012 - 03/2015), Senior Statistical Scientist (04/2015 - 03/2017), Principal Statistical Scientist (since 04/2017).

05/2012 – 12/2016 Trial and project statistician (full time until 02/2014, 90% since 03/2014), Biostatistics oncology, F. Hoffmann-La Roche Ltd, Basel, Switzerland

- Study statistician for a large Phase III registration trial in the GAZYVA development program. Biometrics subteam lead for global filing.
- Project lead statistician for MDM2(4): Planning of Phase 1 dose-finding and pivotal Phase III trial.

- 02/2012 – Founder and owner, Rufibach rePROstat - consulting and education in biostatistics, Bern, Switzerland
- Statistical consulting of medical researchers.
 - Trainings in Biostatistics for various audiences.
 - Teaching in Master of advanced studies program at University of Applied Sciences, Winterthur.
- 11/2007 – 12/2011 Lecturer in Biostatistics (100%), Division of Biostatistics, Institute of Social- and Preventive Medicine (ISPMZ), University of Zurich, Switzerland
- Methodological research in statistics.
 - Teaching of biostatistics and medicine master students.
 - Statistical consulting of medical researchers.
- 09/2006 – 08/2007 Postdoctoral scholar, Department of Statistics, Stanford University, Palo Alto, United States (Swiss National Science Foundation fellowship)
- Methodological research in statistics.
 - Collaboration with neurologists.
- 03/2002 – 04/2006 Biostatistician (40%–50%), Swiss Group for Clinical Cancer Research (SAKK), Bern, Switzerland
- Statistician for Phase II / III oncology trials.
- 11/2000 – 08/2006 Research and Teaching Assistant (25–50%), Department of Mathematical Statistics and Actuarial Science (IMSV), University of Bern, Switzerland
- Methodological research in statistics.
 - Teaching and mentoring students.
 - Statistical consulting.

EDUCATION:

- 09/2006 – 08/2007 Postdoctoral scholar, Department of Statistics, Stanford University, Palo Alto, United States.
Project: *Quantifying heterogeneity in flow cytometry measurements and applications of log-concave density estimation.*
Collaborator: Prof. Günther Walther.
- 04/2002 – 05/2006 PhD in Mathematics (magna cum laude), Department of Mathematical Statistics and Actuarial Science, University of Bern, Switzerland and Institute of Mathematical Statistics, Georg-August-University, Göttingen, Germany. Thesis: *Log-concave density estimation and bump hunting for i.i.d. observations.* Advisors: Prof. Lutz Dümbgen (Bern) and Prof. Axel Munk (Göttingen).
- 10/1997 – 11/2001 Diploma in Statistics (cum laude), Minors in Mathematics and Economics, Department of Mathematical Statistics and Actuarial Science, University of Bern, Switzerland.
Thesis: *Phase reconstructions for uniform distributions in \mathbb{R}^d (in German).*
Advisor: Prof. Henri Carnal.

AWARDS:

- 01/08/11 Certificate of Distinction. Awarded by the journal “Skeletal Radiology” for that the quantity, timeliness, and quality of referee reports during 2010 was above and beyond the call of duty.
- 10/08/10 Certificate of Distinction. Awarded by the journal “Skeletal Radiology” to top 15% of referees for quality of referee reports during 2009.
- 25/01/10 – 29/01/10 Invitation to workshop “Statistical Issues in Prediction: What can be Learned for Individualized Predictive Medicine?”. Mathematisches Forschungsinstitut, Oberwolfach, Germany.
- 06/11/06 – 10/11/06 Invitation to workshop “Qualitative Assumptions and Regularization in High-Dimensional Statistics”. Mathematisches Forschungsinstitut, Oberwolfach, Germany.
- 04/12/06 Moser-Prize of the Institute of Mathematical Statistics and Actuarial Science, University of Bern. Awarded for the best Diploma or PhD thesis of the year 2006. SFr 1,000.
- 18/07/05 – 23/07/05 Participation in European young statisticians training camp, Oslo (50 participants selected out of 120). All expenses covered.

FACE-TO-FACE HEALTH AUTHORITY MEETINGS:

- 27/10/2017 EMA Biostatistics Working Party. *Regular meeting between EMA statisticians and EFSPi regulatory committee.*
- 23/11/2016 MHRA London. *Regular meeting between MHRA statisticians and EFSPi regulatory committee.*
- 28/07/2016 FDA sBLA meeting. *Discuss Gallium submission.*
- 08/07/2016 ANSM France. *Discuss Gallium submission.*
- 08/07/2015 CHMP Scientific Advice Working Party (SAWP) meeting. *Discuss Idasanutlin Phase 3 study.*
- 27/01/2015 FDA Type B Meeting. *Discuss Idasanutlin Phase 3 study.*

PROFESSIONAL SERVICE:

- 2018 Member of scientific and local organizing committee, 3rd EFSPi Regulatory Statistics Workshop, Basel.
- 2017 - Region Austria-Switzerland of the International Biometric Society: Accounting Auditor.
- 2017 Member of scientific and local organizing committee, 2nd EFSPi Regulatory Statistics Workshop, Basel.
- 2009 Member of organizing committee, Swiss Statistics Meeting, Geneva.

PROFESSIONAL MEMBERSHIPS:

International Biometric Society (IBS, Austro-Swiss Region), Swiss Statistical Society (SSS).

REFERENCES:

Available upon request.