

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.

CONSULTING:

University external:

02/2012 –	Founder and owner of Rufibach rePROstat. Consulting and education in biostatistics.
11/2009 – 04/2010	Swiss Federal Office of Public Health, Zurich, Switzerland. Planning of a national nutrition survey.
05/2009 – 08/2009	Rules Based Medicine Inc., Austin, Texas. Perform contract research. Field of statistical application: High-dimensional statistics, regularization in GLMs.
12/2008 – 01/2009	Satoris Inc., Redwood City, California. Perform contract research. Field of statistical application: High-dimensional statistics, regularization.
2002	UBS AG, Bern, Switzerland. Analyzed the impact of new customer strategies on the revenue via multivariate statistical methods.
1999, 2000, 2001	UBS AG, business controlling unit, Bern, Switzerland. Evaluated performance differences of single branches via multivariate statistical methods.

University internal:

11/2007 – 12/2011	Consulting for researchers from various medical disciplines at the University of Zurich (2007: 10 cases, 2008: 52 cases, 2009: 67 cases, 2010: 45 cases, 2011: 62 cases).
11/2000 – 7/2006	Consulting for researchers from economy, biology, educational research, chemistry, and several medical disciplines at the University of Bern.

FACE-TO-FACE HEALTH AUTHORITY MEETINGS:

28/07/2016	FDA sBLA meeting. <i>Discuss Gallium submission.</i>
08/07/2016	ANSM France. <i>Discuss Gallium submission.</i>

- 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:

Member of organizing committee Swiss Statistics Meeting 2009, Geneva.

PROFESSIONAL MEMBERSHIPS:

Swiss Statistical Society (SSS), International Biometric Society (IBS, Austro-Swiss Region), International Society for Clinical Biostatistics (ISCB), Develop Innovate Advance (DIA)

REFERENCES:

Available upon request.