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EDUCATION AND PROFESSIONAL EXPERIENCE

Since 2020	Freelance Medical Writer at AR Medical Writing , Regensburg (Germany)
2016 – 2020	Senior Manager Scientific Affairs , Lophius Biosciences GmbH, Regensburg (Germany)
2010 – 2016	Group Leader , 'STAT5 Signaling' Research Group, Institute of Immunology, University of Regensburg (Germany)
2004 – 2010	Scientific Assistant and Habilitant , Institute for Molecular and Cellular Anatomy, Faculty of Biology and Pre-clinical Medicine, University of Regensburg (Germany)
1999 – 2004	Project Leader , DNAX Research Inc. (presently Merck Research Laboratories), Palo Alto (USA)
1996 – 1999	Postdoctoral Fellow , Laboratory of Prof. David Hogness, Stanford University School of Medicine, Palo Alto (USA)
1995	Postdoctoral Fellow , Laboratory of Dr. Jacques Samarut, CNRS UMR49 / Ecole Normale Supérieure de Lyon / University of Lyon (France)
1990 – 1994	PhD Thesis (<i>summa cum laude</i>), Laboratory of Dr. Jacques Samarut, CNRS UMR49 / Ecole Normale Supérieure de Lyon / University of Lyon (France)
1989 - 1990	Master of Science (Molecular and Cellular Biology, Genetics & Immunology), University of Lyon (France)
1985 - 1989	Bachelor of Science (Molecular and Cellular Biology, Physiology & Genetics), University of Lyon (France)

LANGUAGES

French (native speaker), English (native-speaker level), German (Fluent)

TEACHING AND MENTORING EXPERIENCE

Since 2009	English-conducted MedComms courses "How to give a good talk" and "How to create a poster" for students in (i) MSc Biology (Qualifikationsmodul) and (ii) the International Graduate School of Life Sciences (RIGeL), University of Regensburg
2004-2016	Supervision of Doctoral theses (10), Master & Bachelor theses (4), Technical Assistants (3), and Practical Trainees (10+), University of Regensburg
2013-2016	Organization and supervision of a 1-week practical course in Molecular and Cellular Biology for Master of Science Biology students (Wahlmodul Immunology), Institute of Immunology, University of Regensburg
2004 - 2010	Teaching Assistant in Histology practical courses (Medical School), University of Regensburg
1990 - 1995	Teaching Assistant in Embryology, Genetics, Molecular and Cellular Biology courses (Biology students), University of Lyon (France)

AWARDS, HONORS & MEMBERSHIPS

Medical Writing

Since 2019	Member of the Medical Writing Organization (MWO)
Since 2016	Member of the European Medical Writers Association (EMWA); holder of a Multidisciplinary Foundation Certificate in Medical Writing [Workshops attended and credited: "Manuscript Writing: from Good to Excellent", "Editing and Proofreading Essentials", "Using Readability Tools to Help Edit Biomedical Research Articles", "The Medical Journal Article: Section-Specific Distractions", "Promotional Medical Writing", "Medical Information", "Writing for the Internet", "An Introduction to Marketing for Medical Writers", "Project Management for Biomedical Communications", "Clinical study reports - mastering the essential skills"]
Ongoing	Peer-review of scientific manuscripts for international journals



Academic Titles

Since 2018	Adjunct Professor (außerplanmäßige Professorin), Faculty of Biology and Pre-clinical Medicine, University of Regensburg (Germany)
Since 2009	Privatdozentin (PD; Habilitation in Cell Biology and <i>venia legendi</i>), Faculty of Biology and Pre-clinical Medicine, University of Regensburg (Germany)
Since 1994	Doctor of Natural Sciences (Dr. rer. nat.), University of Lyon (France)

Grants

2010 - 2015	Deutsche Forschungsgemeinschaft (DFG) research grant RA 2010/2-1
2011 - 2014	Deutsche Krebshilfe research grant Nr.109750
2008 & 2011	Forschungsförderung (Förderlinie C) research grant, University of Regensburg

Awards

2002 & 2003	Finalist of the Hajime Memorial Award, DNAX Research Inc. (USA)
2009 - 2011	Frauen Mentoring Program, University of Regensburg (Germany)

Fellowships

1997 - 1999	Dean's Postdoctoral Fellowship, Stanford University (USA)
1994 - 1996, 1999	"Association pour la Recherche sur le Cancer" Doct. & Postdoct. Fellowships (3)
1990 - 1993	"Ministère de la Recherche et de la Technologie" Doctoral Fellowship (France)

COMPLETE LIST OF PUBLICATIONS & MEDICAL WRITING ACTIVITIES (1993 – present)

PEER-REVIEWED PUBLICATIONS AS SENIOR MEDICAL WRITER AT LOPHIUS BIOSCIENCES (2017-2021)

1. Wagner-Drouet, E., Teschner, D., Wolschke, C., Schäfer-Eckart, K., Gärtner, J., Mielke, S., Schreder, M., Kobbe, G., M., Hilgendorf, I., Klein, S., Verbeek, M., Ditschkowski, M., Koch, M., Lindemann, M., Schmidt, T., **Rasclé, A.**, Barabas, S., Deml, L., Wagner, R., Wolff, D. (2021). Comparison of Cytomegalovirus-Specific Immune Cell Response to Proteins versus Peptides Using an IFN- γ ELISpot Assay after Hematopoietic Stem Cell Transplantation. *Diagnostics* 11:312.
2. Wagner-Drouet, E., Teschner, D., Wolschke, C., Janson, D., Schäfer-Eckart, K., Gärtner, J., Mielke, S., Schreder, M., Kobbe, G., Kondakci, M., Hilgendorf, I., von Lilienfeld-Toal, M., Klein, S., Heidenreich, D., Kreil, S., Verbeek, M., Graß, S., Ditschkowski, M., Gromke, T., Koch, M., Lindemann, M., Hünig, T., Schmidt, T., **Rasclé, A.**, Guldán, H., Barabas, S., Deml, L., Wagner, R., Wolff, D. (2021). Standardized monitoring of CMV-specific immunity can improve risk stratification of recurrent CMV reactivation after HSCT. *Haematologica* 106:363-374.
3. Banas, B., Steubl, D., Renders, L., Chittka, D., Banas, M.C., Wekerle, T., Koch, M., Witzke, O., Mühlfeld, A., Sommerer, C., Habicht, A., Hugo, C., Hünig, T., Lindemann, M., Schmidt, T., **Rasclé, A.**, Barabas, S., Deml, L., Wagner, R., Krämer, B.K., Krüger, B. (2018). Clinical validation of a novel enzyme-linked immunosorbent spot assay-based in vitro diagnostic assay to monitor cytomegalovirus-specific cell-mediated immunity in kidney transplant recipients: a multicenter, longitudinal, prospective, observational study. *Transpl Int.* 31:436-450.
4. Banas, B., Böger, C.A., Lückhoff, G., Krüger, B., Barabas, S., Batzilla, J., Schemmerer, M., Köstler, J., Bendfeldt, H., **Rasclé, A.**, Wagner, R., Deml, L., Leicht, J., Krämer, B.K. (2017). Validation of T-Track[®] CMV to assess the functionality of cytomegalovirus-reactive cell-mediated immunity in hemodialysis patients. *BMC Immunol.* 18:15.
5. Barabas, S., Spindler, T., Kiener, R., Tonar, C., Lugner, T., Batzilla, J., Bendfeldt, H., **Rasclé, A.**, Asbach, B., Wagner, R., and Deml, L. (2017). An optimized IFN- γ ELISpot assay for the sensitive and standardized monitoring of CMV protein-reactive effector cells of cell-mediated immunity. *BMC Immunol.* 18:14.
6. Reuschel, E., Barabas, S., Zeman, F., Bendfeldt, H., **Rasclé, A.**, Deml, L., Seelbach-Goebel, B. (2017). Functional impairment of CMV-reactive cellular immunity during pregnancy. *J Med Virol.* 89: 324-331.

PEER-REVIEWED PUBLICATIONS AS RESEARCHER (1994-2018) (*) corresponding author

1. Zimara, N., Chanyalew, M., Aseffa, A., van Zandbergen, G., Lepenies, B., Schmid, M., Weiss, R., **Rasclé, A.**, Wege, A.K., Jantsch, J., Schatz, V., Brown, G.D., Ritter, U. (2018). Dectin-1 Positive Dendritic Cells Expand after Infection with *Leishmania major* Parasites and Represent Promising Targets for Vaccine Development. *Front Immunol.* 9:263.
2. Jobst, B., Weigl, J., Michl, C., Vivarelli, F., Pinz, S., Amslinger, S., and **Rasclé, A.*** (2016). Inhibition of interleukin-3- and interferon- α -induced JAK/STAT signaling by the synthetic α -X-2',3,4,4'-tetramethoxychalcones α -Br-TMC and α -CF3-TMC. *Biol Chem.* 397:1187-1204.
3. Michl, C., Vivarelli, F., Weigl, J., De Nicola, G.R., Canistro, D., Paolini, M., Iori, R., and **Rasclé, A.*** (2016). The Chemopreventive Phytochemical Moringin Isolated from *Moringa oleifera* Seeds Inhibits JAK/STAT Signaling. *PLoS One* 11:e0157430.
4. Pinz, S., Unser, S., and **Rasclé, A.*** (2016). Signal Transducer and Activator of Transcription STAT5 is recruited to c-Myc super-enhancer. *BMC Mol Biol.* 17:10.

5. Pinz, S., Unser, S., Buob, D., Fischer, P., Jobst, B., and **Rasclé, A.*** (2015). Deacetylase inhibitors repress STAT5-mediated transcription by interfering with bromodomain and extra-terminal (BET) protein function. *Nucleic Acids Res.* 43, 3524-45.
6. Flemming, M., Kraus, B., **Rasclé, A.**, Jürgenliemk, G., Fuchs, S., Fürst, R., and Heilmann, J. (2015). Revisited anti-inflammatory activity of matricine *in vitro*: comparison with chamazulene. *Fitoterapia* 106, 122-8.
7. Rücker, H., Al-Rifai, N., **Rasclé, A.**, Gottfried, E., Brodziak-Jarosz, L., Gerhäuser, C., Dick, T. P., and Amslinger, S. (2015). Enhancing the anti-inflammatory activity of chalcones by tuning the Michael acceptor site. *Org Biomol Chem.* 13, 3040-7.
8. Pinz, S., Unser, U., and **Rasclé, A.*** (2014). The natural chemopreventive agent sulforaphane inhibits STAT5 activity. *PLoS One* 9:e99391.
9. Pinz, S., Unser, U., Brueggemann, S., Besl, E., Al-Rifai, N., Petkes, H., Amslinger, S.*, and **Rasclé, A.*** (2014). The synthetic α -bromo-2',3,4,4'-tetramethoxychalcone (α -Br-TMC) inhibits the JAK/STAT signaling pathway. *PLoS One* 9:e90275.
10. Burghardt, T., Kastner, J., Suleiman, H., Rivera-Milla, E., Stepanova, N., Lottaz, C., Kubitz, M., Böger, C.A., Schmidt, S., Gorski, M., de Vries, U., Schmidt, H., Hertting, I., Kopp, J., **Rasclé, A.**, Moser, M., Heid, I.M., Warth, R., Spang, R., Wegener, J., Mierke, C.T., Englert, C., and Witzgall, R. (2013). LMX1B is essential for the maintenance of differentiated podocytes in adult kidneys. *J Am Soc Nephrol.* 24, 1830-48.
11. Hoffmeister, H., Babinger, K., Gürster, S., Cedzich, A., Meese, C., Schadendorf, K., Osten, L., de Vries, U., **Rasclé, A.**, and Witzgall, R. (2011). Polycystin-2 takes different routes to the somatic and ciliary plasma membrane. *J Cell Biol.* 192, 631-45.
12. Hoffmeister, H., Gallagher, A-R., **Rasclé, A.**, and Witzgall, R. (2010). The human polycystin-2 protein represents an integral membrane protein with 6 membrane-spanning domains and intracellular NH₂- and COOH-termini. *Biochem J.* 433, 285-94.
13. **Rasclé, A.***, Neumann, T., Raschta, A-S., Neumann, A., Heining, E., Kastner, J., and Witzgall, R.* (2009). The LIM-Homeodomain transcription factor LMX1B regulates expression of NF-kappa B target genes. *Exp Cell Res.* 315, 76-96.
14. Basham, B., Sathe, M., Grein, J., McClanahan, T., d'Andrea, A., Lees, E., and **Rasclé, A.*** (2008). *In vivo* Identification of Novel STAT5 Target Genes. *Nucleic Acids Res.* 36, 3802-18.
15. Suleiman, H., Heudobler, D., Raschta, A-S., Zhao, Y., Zhao, Q., Hertting, I., Vitzthum, H., Moeller, M.J., Holzman, L.B., Rachel, R., Johnson, R., Westphal, H., **Rasclé, A.**, and Witzgall, R. (2007). The podocyte-specific inactivation of Lmx1b, Ldb1 and E2a yields new insight into a transcriptional network in podocytes. *Dev Biol.* 304, 701-12.
16. Nagalakshmi, M.L., **Rasclé, A.**, Zurawski, S., Menon, S., and de Waal Malefyt, R. (2004). Interleukin-22 activates STAT3 and induces IL-10 by colon epithelial cells. *Int Immunopharmacol.* 4, 679-91.
17. Burrows, J.F., McGrattan, M., **Rasclé, A.**, Humbert, M., Baek K-H., and Johnston, J.A. (2004). DUB-3, a cytokine-inducible deubiquitinating enzyme that blocks proliferation. *J Biol Chem.* 279, 13993-14000.
18. **Rasclé, A.***, Johnston, J.A., and Amati, B. (2003). Deacetylase activity is required for recruitment of the basal transcription machinery and transactivation by STAT5. *Mol Cell Biol.* 23, 4162-73.
19. **Rasclé, A.***, and Lees, E. (2003). Chromatin acetylation and remodeling at the *Cis* promoter during STAT5-induced transcription. *Nucleic Acids Res.* 31, 6882-90.

20. **Rasclé, A.***, Stowers R.S., Garza D., Lepesant J.A., and Hogness D.S. (2003). L63, the Drosophila PFTAIRE, interacts with two novel proteins unrelated to cyclins. *Mech Dev.* 120, 617-628.
21. Migone, T-S.*, Humbert, M.*, **Rasclé, A.***, Sanden, D., D'Andrea, A., and Johnston, J.A. (2001). The deubiquitinating enzyme Dub-2 prolongs cytokine-induced STAT activation and suppresses apoptosis following cytokine withdrawal. *Blood* 98, 1935-41. * **equal contribution**
22. Stowers, R.S., Garza, D., **Rasclé, A.**, and Hogness, D.S. (2000). The L63 gene is necessary for the ecdysone-induced 63E late puff and encodes CDK proteins required for Drosophila development. *Dev Biol.* 221, 23-40.
23. **Rasclé, A.**, Ferrand, N., Gandrillon, O., and Samarut, J. (1996). Myb-Ets fusion oncoprotein inhibits T3R/c-ErbA and RAR functions: a novel mechanism of action for leukemogenic transformation by E26 avian retrovirus. *Mol Cell Biol.* 16, 6338-51.
24. Wrutniak, C., Cassar-Malek, I., Marchal, S., **Rasclé, A.**, Heusser, S., Keller, J-M., Flechon, J., Dauça, M., Samarut, J., Ghysdael, J., and Cabello, G. (1995). A 43-kDa protein related to c-erbA α 1 is located in the mitochondrial matrix of rat liver. *J Biol Chem.* 270, 16347-54.
25. **Rasclé, A.**, Ghysdael, J., and Samarut, J. (1994). c-ErbA, but not v-ErbA, interferes with a putative erythroid repressor for binding to the carbonic anhydrase II promoter. *Oncogene* 9, 2853-67.
26. Quélo, I., Kahlen, J-P., **Rasclé, A.**, Jurdic, P., and Carlberg, C. (1994). Identification and characterization of a vitamin D3 response element of chicken carbonic anhydrase-II. *DNA Cell Biol.* 13, 1181-7.

REVIEWS, BOOK CHAPTERS AND COMMENTARIES AS RESEARCHER (1993-2017)

1. Pinz, S., and **Rasclé, A.*** (2017). Assessing HDAC function in the regulation of signal transducer and activator of transcription 5 (STAT5) activity using chromatin immunoprecipitation (ChIP). *Meth Mol Biol.* 1510:257-76.
2. Pinz, S., Unser, U., and **Rasclé, A.*** (2014). The natural chemopreventive agent sulforaphane inhibits STAT5 activity. *PLOS ONE* 9:e99391. Abstract featured in the "Key Drug Discovery" section of Global Medical Discovery [ISSN 1929-8536] (<https://globalmedicaldiscovery.com/>).
3. Blöchl, F., **Rasclé, A.**, Kastner, J., Witzgall, R., Lang, E.W. and Theis, F.J. (2011). Are we to integrate previous information into microarray analyses? Interpretation of a LMX1B-knockout experiment. In Górriz JM, Lang EW & Ramirez J: *Recent Adv. in Biomed. Signal Proc.*, Bentham Sci. Pubs, pp. 157-70.
4. **Rasclé, A.***, et al. (2009). The LIM-Homeodomain transcription factor LMX1B regulates expression of NF-kappa B target genes. *Exp Cell Res.* 315, "Highlight" section (Commentary to article on pp. 76-96).
5. **Rasclé, A.**, Suleiman, H., Neumann, T., and Witzgall, R. (2007). The role of transcription factors in podocytes. *Nephron Exp Nephrol.* 106, e60-e66.
6. **Rasclé, A.**, Gandrillon, O., Cabello, G., and Samarut, J. (1997). The v-erbA oncogene. In: *Oncogenes as transcriptional regulators. Vol. 1: Retroviral Oncogenes.* Ghysdael, J. and Yaniv, M. (eds). Birkhauser Publishing Ltd (Basel), pp. 119-65.
7. Gandrillon, O., **Rasclé, A.**, and Samarut, J. (1995). The v-erbA oncogene: a superb tool for dissecting the involvement of nuclear hormone receptors in differentiation and neoplasia. *Int J Onc.* 6, 215-31.
8. Melet, F., **Rasclé, A.**, Aubert, D., Legrand, C., Gandrillon, O., and Samarut, J. (1993). The v-erbA oncogene alters gene expression in erythroleukemic cells. In: *Progress in Endocrinology.* Mornex, R., Jaffiol, C. and Leclère, J. (eds). The Parthenon Publishing Group (New York), pp. 336-9.

ADDITIONAL MEDICAL WRITING ACTIVITY: WRITING, EDITING AND/OR PROOFREADING (2017-2021)

1. Somlor, S., Brossault, L., Grandadam, M. (2021). Evaluation of VIDAS diagnostic assay prototypes detecting dengue virus NS1 antigen and anti-dengue virus IgM and IgG antibodies. *Diagnostics* 11:1228.
2. Renard, N., Daniel, S., Cayet, N., Pecquet, M., Raymond, F., Pons, S., Lupo, J., Tourneur, C., Pretis, C., Gerez, G., Blasco, P., Combe, M., Canova, I., Lesénéchal, M., Berthier, F. (2021). Performance Characteristics of the Vidas SARS-CoV-2 IgM and IgG Serological Assays. *J Clin Microbiol.* 59:e02292-20.
3. Reuschel, E., Toelge, M., Entleutner, K., Deml, L., Seelbach-Goebel, B. (2019). Cytokine profiles of umbilical cord blood mononuclear cells upon in vitro stimulation with lipopolysaccharides of different vaginal gram-negative bacteria. *PLoS One* 14:e0222465.
4. Reuschel, E., Jilg, W., Seelbach-Goebel, B., Deml, L. (2019). Comparative purification and characterization of hepatitis B virus-like particles produced by recombinant vaccinia viruses in human hepatoma cells and human primary hepatocytes. *PLoS One* 14:e0212800.
5. **Rasclé, A.**, Stanbury, T. (2018). Immuno-oncology: Harnessing our immune system to fight cancer. Special Issue on Vaccines and Immunotherapies, *Medical Writing* 27:11-17.
6. Peterhoff, D., Wagner, R. (2017). Guiding the long way to broad HIV neutralization. *Curr Opin HIV AIDS.* 2017 12:257-264.
7. Regulatory Medical Writing: Clinical Performance Study Report (*In Vitro* Diagnostic [IVD] Medical Device), AlloProtect CMV study (ClinicalTrials.gov registration identifier: NCT02156479), 2019.

ABSTRACTS, POSTERS, ORAL PRESENTATIONS AS SENIOR MEDICAL WRITER AND MEDCOMM SPECIALIST AT LOPHIUS BIOSCIENCES (2016-2019) – TOPIC: MONITORING OF CMV-SPECIFIC CELLULAR IMMUNITY

2016

1. 10th Vaccine Congress (**Vaccine 2016**), 4-7 Sep 2016, Amsterdam, NL (poster).
2. 25th Annual Conference of the German Society of Transplantation (**DTG 2016**), 5-8 Oct 2016, Essen, Germany (3 posters and 1 talk).

2017

3. 6th International Congenital CMV Conference (**CMV 2017**), 30 April-4 May 2017, Noordwijkerhout, NL (poster and talk).
4. 40th Congress of the Spanish Society of Immunology (**SEI 2017**), 25-27 May 2017, Saragossa, Spain (talk).
5. 54th European Renal Association – European Dialysis and Transplant Association (**ERA-EDTA 2017**), 3-6 June 2017, Madrid, Spain (poster).
6. 18th Congress of the European Society for Organ Transplantation (**ESOT 2017**), 24-27 Sep 2017, Barcelona, Spain (poster).
7. Meeting of the German Association for the Control of Viral Diseases (**DVV 2017**), 28-29 Sept 2017, Regensburg, Germany (2 posters and 1 talk).
8. 26th Annual Conference of the German Society of Transplantation (**DTG 2017**), 25-28 Oct 2017, Bonn, Germany (talk).

2018

9. 28th Annual Meeting of the Society for Virology (**GfV 2018**), 14-17 March 2018, Würzburg, Germany (2 posters and 1 talk).
10. 44th Annual Meeting of the European Society for Blood and Marrow Transplantation (**EBMT 2018**), 18-21 March 2018, Lisbon, Portugal (talk).
11. 28th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID 2018**), 21-24 April 2018, Madrid, Spain (2 talks and 1 poster).
12. American Transplant Congress (**ATC 2018**), 2-6 June 2018, Seattle, USA; 1 accepted abstract (poster).
13. 27th International Congress of The Transplantation Society (**TTS 2018**), 30 June-5 July 2018, Madrid, Spain (talk).
14. 21st European Society for Clinical Virology (**ESCV 2018**), 23-26 Sep 2018, Athens, Greece (2 posters and 1 talk).
15. 27th Annual Conference of the German Society of Transplantation (**DTG 2018**), 7-10 Nov 2018, Berlin, Germany (poster).

2019

16. 45th Annual Meeting of the European Society for Blood and Marrow Transplantation (**EBMT 2019**), 24-27 March 2019, Frankfurt, Germany (talk).
17. 29th European Congress of Clinical Microbiology and Infectious Diseases (**ECCMID 2019**), 13-16 April 2019, Amsterdam, NL (poster and talk).
18. 29th Annual Meeting of the Society for Virology (**GfV 2019**), 20-23 March 2019, Düsseldorf, Germany (poster and talk).
19. 19th Congress of the European Society for Organ Transplantation (**ESOT 2019**), 15-18 Sep 2019, Copenhagen, Denmark (talk).

