

Curriculum Vitae

PROF. DR. RAINER U. PLIQUETT | INTERNAL MEDICINE | NEPHROLOGY |
DIABETOLOGY



PERSONAL DATA

Born: 1970 in Leipzig, Germany

Languages: German (native), English (fluent), French (fluent), Russian (intermediate), Hungarian (basic)

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AFFILIATIONS

- Martin-Luther University Halle-Wittenberg, Department of Internal Medicine II, Head: Prof. Dr. M. Girndt (research and teaching, not-for-profit)
- Elblandklinikum Riesa, Department of Internal Medicine III, Head of Department (current main employer, since Jul 2024)
- IDA-Praxis, Krauschwitz, Saxony — private medical practice (owner, since Jul 2024)
- Institute for Applied Information Technologies in Medicine, Heads: Dr. H. Maerz, Prof. Dr. R. Pliquet (research, not-for-profit)

WORK EXPERIENCE

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| Jul 2024 – present | Head of Department of Internal Medicine III (Chefarzt), Elblandklinikum Riesa, Saxony, Germany |
| Jul 2024 – present | Owner of IDA-Praxis, Krauschwitz, Saxony, Germany (weekly outpatient consultations) |
| Sep 2022 – Jun 2024 | Family Physician with focus on diabetology and prevention of end-stage renal disease, MVZ Gemeinschaftslabor Cottbus, 03050 Cottbus, Uhlandstr. 53 (Jan – Jun 2023 part-time, otherwise full-time) |
| Jan 2023 – Jun 2023 | Head of hemodialysis and outpatient nephrology clinic, Kuratorium für Heimdialyse (KFH), 06847 Dessau-Roßlau, Kastanienhof 1 (full-time) |

- Jun 2018 – Sep 2022** Head of Department of Nephrology and Diabetology, Carl-Thiem-Klinikum gGmbH – Academic Teaching Hospital of Charité, Cottbus (34 beds, 12 hemodialysis slots, 6 automated peritoneal-dialysis slots, 2 plasmapheresis slots)
- Sep 2019 – Dec 2019: acting Head of Department of Geriatrics (interim), 46 beds and day clinic
 - 2021–2022: weekly pediatric-diabetology grand rounds
 - 2021–2022: weekly joint Gyn-OB / diabetology outpatient clinic
 - 2020–2022: launch of an innovative in-hospital class for „Patient Empowerment" in obese patients
- Sep 2010 – May 2018** Attending Physician (Nephrology, Diabetology, Transplantation Medicine), Department of Internal Medicine II, University Hospital Halle (Saale), Martin-Luther University Halle-Wittenberg, Head: Prof. Dr. Matthias Girndt
- Sabbatical for diabetology training (Jun – Aug 2015) at Academic Teaching Hospital „St. Elisabeth", 1st Medical Department, Head: Prof. Dr. Gerhard H. Scholz
- Mar 2009 – Aug 2010** Staff Nephrologist at outpatient nephrology clinic (Kuratorium für Heimdialyse, KFH), St. Georg Hospital, 04129 Leipzig, Delitzscher Str. 141, Head: Prof. Dr. Joachim H. Beige
- Apr 2008 – Mar 2009** Staff Nephrologist, Department of Nephrology, Goethe University, Frankfurt am Main, Head: Prof. Dr. Helmut Geiger
- Jul 2006 – Mar 2008** Staff Physician, Nephrologist in-training, Department of Nephrology, Goethe University, Frankfurt am Main, Head: Prof. Dr. Helmut Geiger
- Principal Investigator of the investigator-initiated randomized clinical study „Oral Supplemental Nutrition in Patients with End-Stage Renal Disease with or without HIV Comorbidity" (clinicaltrials.gov ID: NCT00687050)
 - Sub-Investigator in the VIPP study (randomized multicenter trial comparing Valganciclovir CMV prophylaxis vs. pre-emptive therapy after renal transplantation) and the MIRACLE study („A Study of Once-Monthly Intravenous Mircera in Hemodialysis Patients with Chronic Renal Anemia")
- Apr 2006 – Jun 2006** Internal-Medicine training: Gastroenterology, Department of Gastroenterology, University Hospital Leipzig, Head: Prof. Dr. Joachim Mössner
- Oct 2005 – Mar 2006** Internal-Medicine training: Emergency Medicine, Emergency Department, University Hospital Leipzig, Head: Prof. Dr. Christoph Bärwald
- Apr 2005 – Sep 2005** Internal-Medicine training: Endocrinology/Diabetology, Department of Endocrinology/Diabetology/Renal Diseases, University Hospital Leipzig, Head: Prof. Michael Stumvoll
- Jan 2005 – Mar 2005** Internal-Medicine training: Oncology/Hematology, Department of Oncology/Hematology, University Hospital Leipzig, Head: Prof. Dr. Dietger Niederwieser

- Sep 2004 – Dec 2004** Internal-Medicine training: Endocrinology/Diabetology, Department of Endocrinology/Diabetology/Renal Diseases, University Hospital Leipzig, Head: Prof. Dr. Ralf Paschke
- Nov 2003 – Aug 2004** Internal-Medicine training: Nephrology, Department of Endocrinology/Diabetology/Renal Diseases, University Hospital Leipzig, Head: Prof. Dr. Ralf Paschke
- Apr 2003 – Oct 2003** Sabbatical at the Department of Molecular Biochemistry, University of Leipzig, Head: Prof. Dr. Torsten Schöneberg (funded by Federal Ministry of Education and Research, BMBF; project: „V2-vasopressin-receptor-deficient mice as pathophysiological and therapeutic model for nephrogenic diabetes insipidus")
- Jul 2002 – Mar 2003** Internal-Medicine training: Nephrology, Department of Endocrinology/Diabetology/Renal Diseases, University Hospital Leipzig, Head: Prof. Dr. Ralf Paschke
- Dec 2001 – Jun 2002** Internal-Medicine training: Cardiology – Intensive-Care Unit (6 months), Heart Centre Leipzig, Head: Prof. Dr. Gerhard Schuler
- Nov 1999 – Nov 2001** Post-doctoral Fellowship in Physiology, University of Nebraska Medical Center, Department of Integrative Physiology, Omaha, NE, USA, Head: Prof. Dr. Irving H. Zucker
- 1st topic: Neuroendocrinologic regulation in chronic heart failure — role of exercise training
 - 2nd topic: Role of statin therapy in chronic heart failure
- Apr 1997 – Oct 1999** Internal-Medicine training: Cardiology – Intensive-Care Unit (6 months), Heart Centre Leipzig, Head: Prof. Dr. Gerhard Schuler
- Sub-Investigator in Phase-2 study „Candesartan in Heart Failure" (TAKEDA Study No. TCV-116/EC605)
 - Phase-3 study „Carvedilol or Metoprolol European Trial" (COMET)
 - „Levosimendan Infusion versus Dobutamine" (LIDO) trial
 - „Effects of Eniporide in Acute Myocardial Infarction" (ESCAMI) trial
 - „Blockade of the Glycoprotein IIb/IIIa Receptor to Avoid Vascular Occlusion" (BRAVO) trial
 - „Orbofiban in Patients with Unstable Coronary Syndrome" (OPUS) trial

PROFESSIONAL ACHIEVEMENTS

- 27 Jul 2022** Associate Professor (außerplanmäßiger Professor), Martin-Luther University Halle-Wittenberg, Medical Faculty — proof: campus-halensis.de
- 11 Apr 2018** Approval for specialty „Transplantation Medicine" (designation issued by Landesärztekammer Sachsen-Anhalt)

15 Nov 2016	PhD equivalent „Habilitation" (Dr. habil.), topic: „Neurohumoral Stimulation as Disease Mechanism in Nephrogenic Arterial Hypertension and Chronic Heart Failure" (proof: Dtsch Ärztebl 2017; 114(16): A-801 / B-677 / C-663)
15 Nov 2016	Designation „Privatdozent" issued by Martin-Luther University Halle-Wittenberg (proven ability to teach Internal-Medicine lectures and seminars)
22 Sep 2016	Fellow of the American Society of Nephrology (FASN)
29 Jun 2016	Approval for specialty „Diabetology" (Zusatzbezeichnung, issued by Landesärztekammer Sachsen-Anhalt)
20 Feb 2008	Approval for specialty „Nephrology" (Subspezialisierung, issued by Landesärztekammer Hessen)
8 Jun 2006	Approval for specialty „Internal Medicine" (Facharzt, issued by Sächsische Landesärztekammer)
Nov 2000	Doctoral Thesis (MD, University of Leipzig). Topic: „Cardiovascular Effects Mediated by Estrogen in Postmenopausal Women with Cardiac Syndrome X", advisor: Prof. Rainer J. Zotz

EDUCATION, MILITARY AND CIVIC SERVICE

Apr 1997 – Sep 1998	Residency („Arzt im Praktikum"), Department of Cardiology, Heart Centre Leipzig, Head: Prof. Dr. Gerhard Schuler
Oct 1990 – Mar 1997	Medical studies, University of Leipzig, Germany <ul style="list-style-type: none"> • 4 months of the 6th year (1996) at the University of Nancy, Department of Cardiology / Intermediate Care, Nancy, France
May 1990 – Sep 1990	Civic Service, St. Georg Hospital, Leipzig, Germany
Nov 1989 – Apr 1990	Military Service (NVA, Mot.-Schützen-Regiment 2, Stahnsdorf, GDR)
Sep 1989 – Oct 1989	Pre-study practical training, District Hospital „St. Georg", Leipzig, GDR
Sep 1987 – Aug 1989	Specialized High School „Erweiterte Oberschule Karl Marx", Leipzig, GDR (11th and 12th grade)
Sep 1977 – Aug 1987	Combined primary and high school „Polytechnische Oberschule Hans und Hilde Coppi", Leipzig, GDR (grades 1–10)

GRANTS AND AWARDS

2008	Research Prize of Deutsche Nierenstiftung (€ 25,000) — Project: „Sympathetic Nervous System Activation in Nephrogenic Hypertension"
2007	Aventis Research Grant (€ 25,000) — Project: „Sympathovagal Balance and Rho-Kinase Activity in Models of Renal Arterial Hypertension with High versus Low Plasma Angiotensin: Therapeutic Implications"

- 2004** Ernst und Berta Grimmke-Stiftung (€ 10,000) — Project: „Cardiovascular Pathomechanisms in Chronic Kidney Disease"
- Jul – Dec 2001** American Heart Association — Postdoctoral Fellowship Award (\$ 78,000) — Project: „Statin Effects on Autonomic Neural Control in Heart Failure — A Proposed Nonlipidemic Mechanism"
- May 2001** Best-Poster Award (Finalist), Nebraska Physiological Society, Omaha, Nebraska, USA
- Apr 2001** NCAR Brody Award (Finalist), Meeting of Experimental Biology, Orlando, Florida, USA
- Oct 2000** Young Investigators Conference on Atherosclerosis Award, Merck & Co., Inc., Rahway, New Jersey, USA

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

- European Association for the Study of Diabetes (EASD)
- German Diabetes Society (DDG)
- German Society of Nephrology (DGfN)
- American Physiological Society (APS)
- American Society of Nephrology (ASN)
- 2016–2018: Diabetes Society of Sachsen-Anhalt (board member)

RESEARCH PROJECTS

ONGOING

- Role of continuous glucose monitoring in non-insulin-dependent diabetes mellitus type 2 and prediabetes (MD thesis advised: C. Rädcl)
- Use of artificial intelligence for detection of diabetes patients at risk for hypoglycemia
- Use of artificial intelligence for detection of chronic kidney-disease patients with diabetes at risk for hypoglycemia

COMPLETED

- 2017–2020: „Prevalence of Incretin-Mimetic and Sodium-Glucose-Transporter-2-Inhibitor Therapy in German Hospitalized Type-2 Diabetics Following Myocardial Revascularization: An Observational Study" (MD thesis advised: Linda Golle)
- 2017–2020: „Glycopenia and Hypertension" (MD thesis advised: Abimbola Abobarin-Adeagbo)
- 2013–2018: Hyponatremia in cardiorenal syndrome — retrospective observational study (MD thesis advised: Katrin Schlump)

- 2012–2018: Monocyte function in decompensated cardiorenal syndrome, types 1 and 3 (Ronco classification) (MD thesis advised: Christoph Linhart)
- 2007–2015: Oral supplemental nutrition in end-stage renal disease with and without HIV comorbidity (MD thesis advised: Michael Zilles)
- 2007–2009: Sympathoactivation in models of nephrogenic hypertension (Vascular Research Center, Head: Prof. Dr. Ralf P. Brandes)
- 2002–2006: Hormonal effects on hunger and satiety — fMRI study (cooperation between Department of Endocrinology/Diabetology, University of Leipzig and the Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig)
- 2002–2006: Role of sympathoactivation in insulin resistance in type-2 diabetes — microneurography study (investigator-initiated, in preparation)
- 1999–2001: Role of statins (?-HMG-CoA-reductase inhibitors) for sympathetic tone in chronic heart failure (investigator-initiated animal study)
- 1999–2001: Role of exercise training for sympathetic tone in chronic heart failure (project by Prof. Irving H. Zucker)

OTHER ACTIVITIES

- 2016–2018: Founder and head of the Task Force „Healthy Nutrition in Hospital" at University Hospital Halle (Saale) — press and TV coverage, incl. ARD-Mittagsmagazin on 31 Jan 2018
- 14 Nov 2019: Organizer of public lectures for World Diabetes Day, Cottbus, Germany
- 4 Feb 2020: Interview on ZDF „Frontal 21" regarding the JAMA publication on artificial sweeteners
- 14 Nov 2020: Organizer of public lectures for World Diabetes Day, Cottbus, Germany
- 14 Nov 2021: Organizer of public lectures for World Diabetes Day, Cottbus, Germany
- 2022: Guest Editor of Special Issue (part 1) „New Advances in Cardiorenal Syndrome", published in *Journal of Clinical Medicine* (MDPI, Basel, Switzerland)
- 2024: Guest Editor of Special Issue (part 2) „New Advances in Cardiorenal Syndrome" (in preparation)
- 2024: Founding member (Dr. H. Maerz and Prof. Dr. R. Pliquett) of the Institute for Applied Information Technologies in Medicine

ADVISORY BOARDS

- Ministry of Health, Federal State of Brandenburg (2019)
- Boehringer-Ingelheim (since 2016)

SPEAKER ACTIVITIES (SELECTED)

- Mar 2024** Diabetes Refresher (online, 1 tutorial à 45 min), chair: Prof. Dr. P. Schwarz (University of Dresden)
- Mar 2024** 102nd DDG Diabetology Specialty Course (online, 3 tutorials à 45 min), chair: Prof. Dr. P. Schwarz (University of Dresden)
- 1 Dec 2023** Hypertension Congress of the German Hypertension League, Berlin — presentation: „High Blood Pressure & Kidney — Glomerular Filtration under Pressure"
- 30 Nov 2022** Digital Forum „Heart and Kidney" (online) — presentation: „The Cardiorenal Patient from the Nephrologist's Perspective — Potassium Management"
- 12 Nov 2022** 3rd Internists' Forum, Halle (Mühlenhotel Halle-Leipzig) — presentation: „Guideline Update for Cardiorenal Patients"
- 4 Nov 2022** 28th Dresden Symposium (Ramada by Wyndham Hotel, Dresden) — presentation: „Heart and Kidney — The Nephrologist's View"
- 16 Mar 2022** Continuing-Education Meeting „New Methods in Diagnostics and Therapy" of the Medizinische Gesellschaft Ost-Brandenburg — presentation: „Continuous Glucose Monitoring — What's the Benefit?"
- 10 Oct 2021** Annual meeting of the German Society of Internal Medicine, Göttingen (online) — presentation: „Best Practice in Specialist Training — How Successful Hospitals Do It"
- 29 Apr 2017** Diabetes Workshop Zingst — presentation: „Chronic Heart Failure and Type-2 Diabetes — What to Consider"
- 16 Jun 2016** 6th Brandenburger Nephrologie-Kolleg (BBNK) — presentation: „Is Oral Nutrition Therapy Worth It?"
- 22 Nov 2015** CME by AbbVie Germany at the joint practice Dres. Schumann/Knevels/Hoffmann & Kollegen, Lünen — presentation: „Modern sHPT Management and the Role of Alkaline Phosphatase"
- 25 Apr 2015** Forum Schmerz 2015, Magdeburg — presentation: „Pain Therapy in Renal Insufficiency — What to Consider"
- 18 Oct 2012** 14th Nephrologie-Aktuell (Dorint Charlottenhof Hotel, Halle/Saale) — presentation: „Treatment Options in Cardiorenal Syndrome"

CHAIR OF SYMPOSIA AND SCIENTIFIC MEETINGS

- 16 Nov 2013** Annual Meeting of „Innere Medizin Sachsen-Anhalt" (IMSA), Ringhotel Schloss Schkopau — Session III: „Interdisciplinary Problems"
- 13 May 2016** 1st Mering-Symposium for Diabetes Technology and Prevention (approx. 100 diabetologists, diabetes nurses, family physicians), Halle (Saale), Germany

12 May 2017	2nd Mering-Symposium for Diabetes Technology and Prevention (approx. 100 participants), Halle (Saale) — intermission: piano performance by Jan-Christoph Homann (Liszt, Chopin, Rachmaninov)
4 May 2018	3rd Mering-Symposium for Diabetes Technology and Prevention (approx. 100 participants), Halle (Saale)
31 Aug 2018	14th National Meeting „Netzwerke Diabetischer Fuß" (approx. 400 participants), Halle (Saale)
10 May 2019	4th Mering-Symposium for Diabetes Technology and Prevention (approx. 100 participants), Cottbus
23 Nov 2019	19th „Herz- und Nierentag" Cottbus (approx. 70 cardiologists, nephrologists, family physicians)
8 May 2020	5th Mering-Symposium for Diabetes Technology and Prevention (approx. 100 participants), Cottbus
7 May 2021	6th Mering-Symposium for Diabetes Technology and Prevention (approx. 100 participants), Cottbus
21 May 2022	7th Mering-Symposium for Diabetes Technology and Prevention (approx. 100 participants), Cottbus — intermission: pop and jazz classics by singer Polina Shkodiviska

PUBLICATIONS

47 publications listed in PubMed (as of 18 May 2026)

RECENT PUBLICATIONS

1. Soukup J, Pliquett RU. Acute Kidney Injury During Sepsis and Prognostic Role of Coexistent Chronic Heart Failure. *J Clin Med.* 2025;14:964.
2. Abobarin-Adeagbo A, Kraya T, Girndt M, Pliquett RU. Correction of Over-Dosed Insulin in a Type-2-Diabetic Led to a Better Control of Glycemia and Arterial Hypertension: A Case Report. *Journal of Pharmacy and Pharmacology Research.* 2023;7:227.
3. Pliquett RU. New Advances in Cardiorenal Syndrome — Ready for Prime Time? *J Clin Med.* 2022;11:3460.
4. Pliquett RU. Cardiorenal Syndrome: An Updated Classification Based on Clinical Hallmarks. *J Clin Med.* 2022;11:2896.
5. Mammadova N, Soukup J, Shkodivskyi P, Gudowski C, Ahmed A, Pliquett RU. A patient with severe metformin-associated lactic acidosis complicated by acute coronary syndrome: a case report. *BMC Nephrol.* 2022;23:174.
6. Pliquett RU, Brandes RP. Experimental uninephrectomy associates with less parasympathetic modulation of heart rate and facilitates sodium-dependent arterial hypertension. *PLoS One.* 2022;17:e0265086.

Prof. Dr. Rainer U. Pliquett