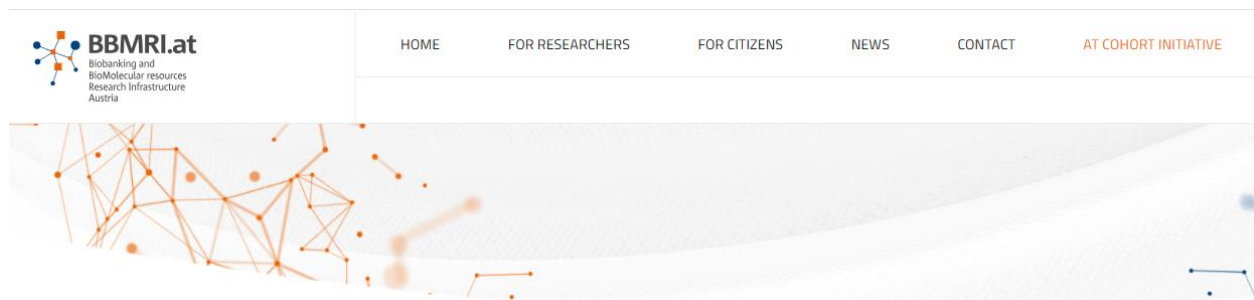




Psoriasis Registry Austria (PsoRA)

An excellent cohort from BBMRI.at partner Medical University of Graz at Biobank Graz



Psoriasis Registry Austria (PsoRA)

An excellent interdisciplinary cohort from BBMRI.at partner Medical University of Graz at Biobank Graz

PsoRA was launched in 2009 to record and improve the treatment of psoriasis patients in Austria. Developed by the Medical University of Graz in collaboration with the Austrian Society of Dermatology and Venereology (ÖGDV), the web-based database is embedded in the Europe-wide psoriasis registry "Initiative PsoNet."

PsoRA contains detailed information on the treatment of psoriasis patients. All treatment options used, including their sequence, side effects, and treatment success under everyday conditions of treatment practice have been recorded over many years. Based on population, this Austrian database is one of the largest worldwide.

Profile of the cohort:

Research Area	Improve therapy of patients with psoriasis in Austria under everyday conditions • Therapy efficacy in clinical routine • Therapy response • Long-term therapy • Therapy changes and side effects
Cohort Type	Human, observational, retrospective, cross-sectional
Cohort Size	• >2200 samples from >850 patients in >27.000 aliquots, from >350 patients >2 samples • Collection ongoing

Biological Sample Types (with Storage Condition)	• Serum • EDTA plasma • Buffy coat • PaxGene Stored in Biobank Graz at -80°C
Associated Data	Base demographic, Psoriasis specific disease scores and treatment outcome, Concomitant medication Concomitant diseases Routine haematology results (including organ function ALAT, ASAT, GGT, LDH, CRK, ...)
Donor Details	• 34.7% female : 65.3% male • Median age 46,4 [18 - 82] • Median BMI 27.4 [16,9 – 55,4] Psoriasis patients scheduled for biologics treatment in Graz, sampled at different time points (naïve, 0-1M, 1-4 M, 4-8M, 8-16M, >16M after treatment)
Collection Period	2016- ongoing
Informed Consent	Broad biobank consent & specific study IC
Access	Yes - collaboration only
Quality Standards	ISO 9001:2015 (Biobank Graz) for serum, EDTA sample aliquots
Contact	Principal investigators: • Prof. Dr. Peter Wolf, peter.wolf@medunigraz.at • Dr. Thomas Graier, thomas.graier@medunigraz.at • Dr. Natalie Bordag, n.bordag@medunigraz.at
Publications (scientific)	List see below
Media articles	See below
Research Projects	• Predictive biomarkers for therapeutic response • Surrogate markers for systemic inflammation and co-morbidities



Publication list:

- *Real-world evidence on palmoplantar pustulosis: patient characteristics, diagnostic challenges and predictive factors for treatment survival – a retrospective registry study.* Graier T, et al, British Journal of Dermatology (BJD), 2026, 194(1): 77-85, doi: [10.1093/bjd/ljaf394](https://doi.org/10.1093/bjd/ljaf394)

- *Predictors of treatment survival in patients with plaque psoriasis treated with phototherapy: registry analysis.* Graier T, et al. Skin Health Dis. 2025 May 16;5(3):214-222. doi: [10.1093/skinhd/vzaf021](https://doi.org/10.1093/skinhd/vzaf021)
- *Psoriasis and its impact on close relatives and partners of patients - A cross-sectional questionnaire study.* Grossschaedl K, et al. Skin Health Dis. 2024 Mar 15;4(3):e355. doi: [10.1002/ski2.355](https://doi.org/10.1002/ski2.355)
- *Evolution of characteristics and biologic treatment effectiveness in patients of the Austrian psoriasis registry from 2004-2022.* Graier T, et al. J Dtsch Dermatol Ges. 2023 Dec;21(12):1513-1523. doi: [10.1111/ddg.15213](https://doi.org/10.1111/ddg.15213)
- *Real-world effectiveness of anti-interleukin-23 antibodies in chronic plaque-type psoriasis of patients from the Austrian Psoriasis Registry (PsoRA).* Graier T, et al. Sci Rep. 2022 Sep 5;12(1):15078. doi: [10.1038/s41598-022-18790-9](https://doi.org/10.1038/s41598-022-18790-9)
- *Furin Expression in Patients With Psoriasis-A Patient Cohort Endangered to SARS-COV2?* Graier T, et al. Front Med (Lausanne). 2021 Feb 10;8:624462. doi: [10.3389/fmed.2021.624462](https://doi.org/10.3389/fmed.2021.624462).
- *Biologic drug survival rates in the era of anti-interleukin-17 antibodies: a time-period-adjusted registry analysis.* Graier T, et al. Br J Dermatol. 2021 Jun;184(6):1094-1105. doi: [10.1111/bjd.19701](https://doi.org/10.1111/bjd.19701)
- *Effectiveness and clinical predictors of drug survival in psoriasis patients receiving apremilast: A registry analysis.* Graier T, et al. JAAD Int. 2020 Dec 26;2:62-75. doi: [10.1016/j.jdin.2020.10.012](https://doi.org/10.1016/j.jdin.2020.10.012)
- *Biologics combined with conventional systemic agents or phototherapy for the treatment of psoriasis: real-life data from PSONET registries.* Busard CI, et al. J Eur Acad Dermatol Venereol. 2018 Feb;32(2):245-253. doi: [10.1111/jdv.14583](https://doi.org/10.1111/jdv.14583)
- *Survival and effectiveness of tumour necrosis factor-alpha inhibitors in the treatment of plaque psoriasis under daily life conditions: report from the Psoriasis Registry Austria.* Inzinger M, et al. Acta Derm Venereol. 2016 Feb;96(2):207-12. doi: [10.2340/00015555-2214](https://doi.org/10.2340/00015555-2214)
- *Patient perspectives on treating psoriasis with classic inpatient dithranol therapy: a retrospective patient survey.* Painsi C, et al. J Dtsch Dermatol Ges. 2015 Nov;13(11):1156-63. doi: [10.1111/ddg.12820](https://doi.org/10.1111/ddg.12820)
- *Methotrexate vs. fumaric acid esters in moderate-to-severe chronic plaque psoriasis: data registry report on the efficacy under daily life conditions.* Inzinger M, et al. J Eur Acad Dermatol Venereol. 2013 Jul;27(7):861-6. doi: [10.1111/j.1468-3083.2012.04596.x](https://doi.org/10.1111/j.1468-3083.2012.04596.x)
- *Efficacy of psoralen plus ultraviolet A therapy vs. biologics in moderate to severe chronic plaque psoriasis: retrospective data analysis of a patient registry.* Inzinger M, et al. Br J Dermatol. 2011 Sep;165(3):640-5. doi: [10.1111/j.1365-2133.2011.10396.x](https://doi.org/10.1111/j.1365-2133.2011.10396.x)

Media articles:

- <https://www.medmedia.at/spectrumdermatologie/eine-angehende-erfolgsstory-psoriasis-registry-austria-psora/>
- <https://www.universimed.com/ch/article/dermatologie/ag-biologika-wolf-152297>

- <https://www.springermedizin.at/psoriasis/dermatologie-und-venerologie/in-der-vorreiterrolle/15044178>

About PsoRA : <https://psora.medunigraz.at/>

Fifteen years of Psoriasis Registry Austria (PsoRA) - and more to come https://www.skinonline.at/wp-content/uploads/2024/05/OEGDV_Skin-Journal_02_2024-11.pdf



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Austrian Cohort Initiative Cohort Profile

Psoriasis Registry Austria (PsoRA)

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Research area	Improve therapy of patients with psoriasis
Cohort type	Observational, retrospective, cross-sectional
Cohort size	731 samples from 559 patients (ongoing)
Samples	Serum, EDTA plasma, buffy coat, PaxGene
Data	Demographics, psoriasis specifics, medication, diseases, blood parameters
PIs	Prof. Peter Wolf , Dr. Thomas Graier , Dr. Natalie Bordag

Details: <https://bit.ly/4u3Ra5t>



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PsoRA, launched in 2009, is a web-based registry developed by the **Medical University of Graz** with the Austrian Society of Dermatology and Venerology (ÖGDV) to improve psoriasis care in Austria.

Part of the European PsoNet initiative, it collects comprehensive real-world data on treatments, sequences, side effects, and outcomes. Based on population coverage, PsoRA is one of the largest psoriasis databases worldwide and stored at **Biobank Graz**.

