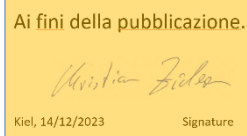




Professor Dr. Christian ZIDORN Curriculum Vitae



Personal information

Address
Telephone
Office phone
E-mail

Pharmazeutisches Institut, Abteilung Pharmazeutische Biologie, Christian-Albrechts-Universität zu Kiel, Gutenbergstraße 76, 24118 Kiel, Germany



Nationality/Date of birth

ORCID iD

<http://orcid.org/0000-0001-8956-9874>

Researcher ID

Rid60584

Links

LinkedIn: <https://linkedin.com/in/christian-zidorn-8087ab25>

ResearchGate: https://www.researchgate.net/profile/Christian_Zidorn

Homepage: <https://www.pharmbio.uni-kiel.de/de/team/professores/professor-dr-christian-zidorn>

Current employment

since 01/04/2016

Full Professor (W3) and Director at the Pharmaceutical Institute. Pharmaceutical Institute, Department of Pharmaceutical Biology, Kiel University, Gutenbergstraße 76, 24118 Kiel, Germany.

Editorships

Editor-in-Chief of *Biochemical Systematics and Ecology*, Elsevier (2016-today)

Associate Editor of *Fitoterapia*, Elsevier (2023-today)

Additional roles

Senior Scientific Advisor to Merantix - Terra Lumina, Berlin (2021 – today)

Additionally at Kiel University

Department of Pharmaceutical Biology: Director (2016-today);

President of the Section of Pharmacy within the Faculty of Mathematics and Natural Sciences: President (2020-today; Vice President 2016-2020); vice-member of the gender mainstreaming committee of Kiel University (Gleichstellungsausschuss) (2018-today), member of the gender mainstreaming committee of the Faculty of Mathematics and Science of Kiel University (Gleichstellungsausschuss) (2018-today)

Head of the Botanical Garden of the Pharmaceutical Institute at Kiel University (2016-today);

Erasmus+ programme coordinator of the Pharmaceutical Institute for the following ten European Universities: **Italy: Naples** - Università degli Studi Federico II, **Caserta** - Università degli Studi della Campania, **Perugia** – Università degli Studi di Perugia, **Potenza** - Università degli Studi della Basilicata; **Chieti** - Università degli Studi Gabriele d'Annunzio; **Lithuania: Kaunas** - Lithuanian University of Health Sciences; **Norway: Stavanger** - University of Stavanger; **Oslo** - University of Oslo; **Tromsø** - University of Tromsø; **Poland: Warsaw** – Medical University of Warsaw; **Wrocław** – Medical University of Wrocław.

Institut für Medizinische und Pharmazeutische Prüfungsfragen, IMPP, Mainz)

Member of the nationwide Board of Appeals in the examination subject of Pharmaceutical Biology for the periods 2022-2023 and 2024-2026.

Board of Pharmacists

Member of the Board of Examiners for "Pharmaceutical Analytics" (2020-today)

Land Schleswig-Holstein

Examination Board for the Third State Exam of Pharmaceutical Exam (2016-today)

Research interests

(Plant) Natural Products Chemistry focusing on a) natural products of ecological interest, b) bioactive natural products from vegetables, c) natural products from the Cichorieae tribe of the Asteraceae family, and d) bioactive marine natural products.

Chemical Ecology focusing on the impact of altitudinal factors on the secondary metabolite profiles of higher (medicinal) plants; Chemical Ecology of marine higher plants (seagrasses).

Botany with special interest of the Flora of the Alps and the mountains of the Mediterranean Region and of the genera *Leontodon* and *Scorzoneroides* in particular.

| | |
|---|---|
| Key assets | <p>Natural Product Chemist with > 25 years experience</p> <p>Work experience (> 1 year) in Austria, Belgium, Germany, Italy, and New Zealand</p> <p>Excellent skills (C2/C1) in two (German, English) and good skills (B2) in three languages (Italian, French, Latin)</p> <p>Work experience in universities, state research institutions, and the European Commission</p> <p>Leadership experience of teams of up to 25 members</p> <p>Multiple international collaborations with colleagues in various countries such as Austria, Bulgaria, Italy, New Zealand, Norway, and Poland</p> |
| Key scientific contributions | <p>Discovery of dozens of new natural products from the classes of sesquiterpene lactones, diterpenes, triterpenes, polyacetylenes, flavonoids, stilbenoids, and diarylheptanoids</p> <p>Unraveling of factors related to altitudinal differences in plant natural products of alpine plants</p> <p>Successful introduction of the new name and concept “chemophenetics” into the scientific literature</p> <p>Discovery of a new class of stilbenoids (tyrolbibenzyls) in the genus <i>Scorzonera</i></p> <p>Discovery of new dimeric classes of natural products in dihydroisocoumarins, polyacetylenes, and cyclic diaryl heptanoids</p> |
| Key contributions in my current role | <p>Restructuring of the Department of Pharmaceutical Biology at Kiel University into an internationally recognized centre of plant natural products research.</p> <p>Transferring the formerly predominantly German and German speaking research group into an internationally visible, vibrant group with members from Armenia, Austria, Bangladesh, Brazil, China, Indonesia, Iran, Italy, Norway, Puerto Rico, Turkey, and Ukraine.</p> |
| Previous work experience | |
| Dates | 12.02.2015–31.03.2016 |
| Occupation or position held | Marie Curie Intra-European Fellowship Awardee |
| Main activities and responsibilities | Research in marine natural products – Project number and title: 624519 – CHIMICAMARINAANAPOLI |
| Name and address of employer | Istituto di Chimica Biomolecolare – Consiglio Nazionale delle Ricerche, 80078 Pozzuoli (NA), Italy |
| Type of business or sector | State Research Centre |
| Dates | 01.10.2014–11.02.2015 |
| Occupation or position held | Interim Professor of Pharmaceutical Biology (stand-in for Professor Wolfgang BLASCHEK) |
| Main activities and responsibilities | Acting chair as a stand-in for Professor BLASCHEK, main responsibility teaching of Pharmaceutical Biology, including lectures, seminars, and practical courses. |
| Name and address of employer | Christian-Albrechts-Universität zu Kiel, Gutenbergstraße 76, 24118 Kiel, Germany |
| Type of business or sector | State University/public sector |
| Dates | 01.09.2013–30.09.2014 |
| Occupation or position held | Associate Professor of Pharmacognosy |
| Main activities and responsibilities | Research and teaching in natural products chemistry, phytochemistry, botany, and chemical ecology, including the supervision of PhD and diploma students; management of a research group comprised of PhD and Master’s degree students |
| Name and address of employer | University of Innsbruck, Innrain 80/82, A-6020 Innsbruck, Austria |
| Type of business or sector | State University/public sector |
| Dates | 01.09.2010–31.08.2013 |
| Occupation or position held | Scientific Officer (Contractual Agent CAST 25, FGIV/16) |

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| Main activities and responsibilities | Project management of about 20 FP7 collaborative projects with a total EC contribution of nearly 100 million Euros in the area of human infectious diseases, in particular antimicrobial drug resistance and emerging epidemics including influenza; chairing of project evaluation meetings in the field of human infectious diseases; project management in the area of human infectious diseases; involved in setting up the plans for a global multi-funder initiative for a Global Infectious Disease Preparedness Network |
| Name and address of employer | F3 Infectious Diseases and Public Health, Directorate F Health, Directorate-General for Research, European Commission, CDMA, B-1049 Brussels, Belgium |
| Type of business or sector | Supranational Institution |
| Dates | 01.03.2004–31.08.2010 |
| Occupation or position held | Associate Professor of Pharmacognosy |
| Main activities and responsibilities | Research and teaching in natural products chemistry, phytochemistry, botany, and chemical ecology, including the supervision of PhD and diploma students; management of a research group comprised of PhD and Master's degree students |
| Name and address of employer | University of Innsbruck, Innrain 52, A-6020 Innsbruck, Austria |
| Type of business or sector | State University/public sector |
| Dates | 01.07.2001–29.02.2004 |
| Occupation or position held | Senior Lecturer of Pharmacognosy |
| Main activities and responsibilities | Research and teaching in phytochemistry, botany, and chemical ecology, including assistance in the supervision of PhD and diploma students |
| Name and address of employer | University of Innsbruck, Innrain 52, A-6020 Innsbruck, Austria |
| Type of business or sector | State University/public sector |
| Dates | 01.07.2000 – 30.06.2001 |
| Occupation or position held | DFG Research fellow in Natural Products Chemistry |
| Main activities and responsibilities | Research in the phytochemistry of New Zealand endemic species of the Apiaceae |
| Name and address of employer | Plant Extracts Research Unit, Crop & Food Research, Dunedin, New Zealand |
| Type of business or sector | public sector |
| Dates | 01.04.1995 – 30.06.2000 |
| Occupation or position held | Lecturer in Pharmacognosy |
| Main activities and responsibilities | Research and teaching in phytochemistry, botany, and chemical ecology, including assistance in the supervision of diploma students |
| Name and address of employer | University of Innsbruck, Innrain 52, A-6020 Innsbruck, Austria |
| Type of business or sector | State University/public sector |
| Additional work experience (visiting professorships and research stays not covered in the funding section) | |
| Dates | 20.09.2021-24.09.2021 |
| Occupation or position held | Visiting Professor of Pharmaceutical Biology |
| Main activities and responsibilities | Lectures in current fields of my own research |
| Name and address of employer | Lithuanian University of Health Sciences, A. Mickevičiaus g. 9, Kaunas 44307, Lithuania |
| Type of business or sector | State University/public sector |
| Dates | 19.04.2013 – 24.06.2013 |
| Occupation or position held | Visiting Professor of Pharmacognosy (stand-in for Professor Johannes SAUKEL) |
| Main activities and responsibilities | Teaching courses in microscopy of medicinal plants and guiding pharmaco-botanical excursions |
| Name and address of employer | University of Vienna, Althanstraße 14, A1090 Vienna, Austria |

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| Type of business or sector | State University/public sector |
| Dates | 15.04.2008 – 15.07.2008 |
| Occupation or position held | Visiting Professor of Pharmaceutical Biology (stand-in for Professor Alexandra KIEMER) |
| Main activities and responsibilities | Acting chair as a stand-in for Professor KIEMER, main responsibility teaching of Pharmaceutical Biology, including lectures, seminars, and practical courses. |
| Name and address of employer | Universität des Saarlandes, 66123 Saarbrücken, Germany |
| Type of business or sector | State University/public sector |
| Dates | 24.05.2005 – 29.05.2005 |
| Occupation or position held | Visiting Scientist |
| Main activities and responsibilities | Research in Molecular Phylogenetics of the Asteraceae |
| Name and address of employer | Leibniz-Institut für Pflanzengenetik und Kulturpflanzenforschung, Gatersleben, Germany |
| Type of business or sector | State Research Centre |
| Dates | 09.08.2004 – 08.09.2004 |
| Occupation or position held | Visiting Scientist |
| Main activities and responsibilities | Research in fungal metabolites (<i>Penicillium</i>), NMR structure elucidation and HPLC analytics |
| Name and address of employer | Danish Technical University, Lyngby, Denmark |
| Type of business or sector | State University |
| Dates | 01.09.2003 – 05.09.2003 |
| Occupation or position held | Visiting Scientist |
| Main activities and responsibilities | Research in Molecular Phylogenetics of the Asteraceae |
| Name and address of employer | Leibniz-Institut für Pflanzengenetik und Kulturpflanzenforschung, Gatersleben, Germany |
| Type of business or sector | State Research Centre |
| Education and training | |
| Date | 06.02.2018 |
| Title of qualification awarded | Pharmacist with a specialization in Pharmaceutical Analytics/ Apotheker für Pharmazeutische Analytik |
| Principal subjects/occupational skills covered | Pharmaceutical Analytics |
| Name and type of organisation providing education and training | Pharmaceutical Society of Schleswig-Holstein/ Apothekerkammer Schleswig-Holstein |
| Date | 20.06.2007 |
| Title of qualification awarded | Habilitation (state doctorate) in Botany |
| Principal subjects/occupational skills covered | Independent research and teaching of botany at university and postgraduate level |
| Name and type of organisation providing education and training | University of Innsbruck, Austria |
| Date | 10.10.2003 |
| Title of qualification awarded | Habilitation (state doctorate) in Pharmacognosy |

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| Principal subjects covered | Independent research and teaching of pharmacognosy at university and postgraduate level |
| Name and type of organisation providing education and training | University of Innsbruck, Austria |
| Dates | 01.10.1995-08.05.1998 |
| Title of qualification awarded | PhD in Science |
| Principal subjects/occupational skills covered | Natural products chemistry, pharmacology, botany |
| Name and type of organisation providing education and training | University of Innsbruck, Austria |
| Dates | 01.10.1989-30.09.1995 |
| Title of qualification awarded | Registered Pharmacist/Third State Examination in Pharmacy |
| Principal subject | Pharmacy |
| Name and type of organisation providing education and training | University of Düsseldorf/Germany [plus practical training in a public pharmacy in Germany (Linden-Apotheke, Düsseldorf) and at the University of Innsbruck] |
| Successful EC Competitions | <p>EPSO/CAST/S/5/2013 – Researcher (FG IV) – Natural Sciences</p> <p>EAHC/CA/IV/2012/003 – Project Officers – Health Programme</p> <p>ERCEA/CA/059/2012 – Project Adviser – Life Sciences</p> <p>CAST25 – FG IV (2005) – Natural Sciences</p> |
| Successful Italian Competitions | <p>Abilitazione Scientifica Nazionale 2016 – Settore Concorsuale 05/A1 Botanica - I Fascia.</p> <p>Abilitato (06/04/2017-06/04/2028)</p> |
| Shortlisted for Professorships/Listenplätze | <p>2022 – University of Calabria, Cosenza, Italy, 3rd place in a competition for a full professorship in “biologia applicata”.</p> <p>2021 - University of Bologna, sede di Faenza, Italy, 2nd place in a competition for a full professorship in "chimica organica".</p> <p>2020 - University of Chieti-Pescara, Italy 2nd place in a competition for a full professorship in "biologia farmaceutica".</p> <p>2018 - University of Eastern Finland in Joensuu, Finland, 2nd place in a competition for a full professorship in plant ecology.</p> |
| Invited lectures/interviews in the course of appointment procedures for full professorships and equivalent positions | <p>2019 – Bundesinstitut für Risikobewertung Berlin; Vice President B3.</p> <p>2018 – University of Eastern Finland, Joensuu Campus: Plant Ecology.</p> <p>2015 – Max Rubner-Institut: Sicherheit und Qualität bei Getreide B3 (Cereals' Quality & Safety).</p> <p>2015 – University of Greifswald: Pharmazeutische Biologie W3 (Pharmaceutical Biology).</p> <p>2014 – University of Kiel: Pharmazeutische Biologie W3 (Pharmaceutical Biology).</p> <p>2013 – Technical University Darmstadt: Chemische Pflanzenökologie W2 (Chemical Plant Ecology).</p> <p>2011 – BfArM Bonn, Fachgebietsleiter Arzneibuch B2 (Pharmacopeia group leader of the BfArM).</p> <p>2008 – University of Duisburg-Essen: Allgemeine Botanik W3 (General Botany).</p> |

Personal skillsMother tongue(s) **German**Other language(s) **English, French, Italian, Latin**

Self-assessment

European level ()***English****French****Italian****Spanish****Latin**

| Understanding | | | | Speaking | | | | Writing | |
|---------------|------------------|---------|------------------|--------------------|------------------|-------------------|------------------|---------|------------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C1+ | Proficient User | C1+ | Proficient User | C1+ | Proficient User | C1+ | Proficient User | C1+ | Proficient User |
| B2- | Independent User | B2- | Independent User | B2- | Independent User | B2- | Independent User | B2- | Independent User |
| B2+ | Independent User | B2+ | Independent User | B2+ | Independent User | B2+ | Independent User | B2+ | Independent User |
| A1+ | Basic User | A1 | Basic User | A1+ | Basic User | A1 | Basic User | A1 | Basic User |
| B2- | Independent User | B2- | Independent User | B2- | Independent User | B2- | Independent User | B2- | Independent User |

(*) Common European Framework of Reference for Languages. Indicated levels are the highest levels reached, +/- indicate current increasing or decreasing trends of proficiency, respectively.

Mentoring

2014-2015 – Mentor of Dr. Łukasz CIEŚLA (Medical University of Lublin/Poland) in the course of the EC FP7 funded SKILLS Mentoring Programme for career development.

2015-2016 – Mentor of Dr. Sebastian GRANICA (Medical University of Warsaw/Poland) in the course of the EC FP7 funded SKILLS Mentoring Programme for career development.

Social skills and competences

In my work life and privately, I am open minded and curious and interested in people from diverse ethnic, geographic, and social backgrounds. I am an excellent motivator, an experienced teacher, a loyal colleague, and a very good team player both in sports and at work. Mutual respect, open communication, and politeness are in my eyes key factors to success in all group endeavours.

Organisational skills and competences

In the course of my scientific career, I have acquired a pronounced sense for priorities and to balance German correctness with Mediterranean pragmatism. Having a high degree of stress resistance if needed, I am able to work under time constraints. I am experienced in managing teams of scientists and non-scientific personnel. I have experience in working with limited financial budgets and I have extensive experience in designing, writing and realizing research projects. I have an outstanding track record in publishing scientific papers and reviews in the fields of natural products chemistry, chemophenetics, botany, and chemical ecology. During my time in the European Commission, I have acquired profound experience in project management and the chairing of evaluation panels.

I am a stimulating teacher and have experience in lecturing groups from 10 to 200 students, in planning and implementing practical training courses in analytical chemistry and microscopy, and in planning and leading field trips both for educational and plant collection purposes.

Political and social commitment

From December 2006 onwards, I have been a member of the Free Democratic Party (Freie Demokratische Partei - FDP), the German Liberals. Since my return to Germany in 2016, I am an active member of the party in my city of residence, Preetz. Since October 2022, I am leading the liberal party in Preetz and since September 2023, I am also part of the leading committee of the party at the level of the province of Plön. In the local elections of 2023, I was elected into the city council of Preetz for the period from June 2023 to May 2028. Besides the city council and the fraction of my party, I am here also serving as a member of the Committee for Children, Youth, School, Social Affairs, and Equality (Ausschuss für Kinder, Jugend, Schule, Soziales, Gleichstellung).

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| <p>Technical skills and competences</p> | <p>Project management of FP7 projects: In the course of my current assignment I am supervising around 25 FP7 collaborative projects with a total budget of 100 million Euros. I am well experienced with the rules and other formal aspects of FP7 projects.</p> <p>Chromatography: I am a proficient user of various chromatographic devices, e.g. silica flash column chromatography, Sephadex column chromatography, preparative thin layer chromatography, and semi-preparative HPLC.</p> <p>Analytical instruments: I have most experience in working with high performance liquid chromatography but I have also some experience in working with gas chromatographs and capillary electrophoresis apparatuses.</p> <p>Structure elucidation: I have extensive experience in interpreting mass spectra and nuclear magnetic resonance spectra.</p> <p>Natural products isolation: In the last years I worked on the isolation and structure elucidation of compounds from nearly all major classes of natural products, including alkaloids, diarylheptanoids, polyacetylenes, flavonoids, phenolic acids, iridoids, diterpenes, sesquiterpene lactones, and triterpenes.</p> <p>Botany: I have an excellent knowledge of the Flora of Europe, especially the Alps. Moreover, I had the opportunity to visit other floral kingdoms as the Neotropis (Costa Rica), the Palaeotropis (Namibia, South Africa, and Thailand) as well as the Australis (New Zealand).</p> <p>Medicinal Chemistry: Many of my research efforts are ultimately focused on finding new medicinally useful compounds. Thus, compounds isolated from natural sources by our group are tested in various assays in the areas of inflammation, cytotoxicity, and anti-microbial activity. These assays are usually performed by collaborating groups nationally and abroad.</p> |
| <p>Artistic interests</p> | <p>American, German, Italian, and Russian literature, read in German, English, and Italian.</p> <p>Based on my deep passion for plants and their environments I have become a photographer of higher plants in their natural environments, for scientific documentation, teaching purposes, and aesthetic pleasure. In this field, I work with equipment from Pentax.</p> |
| <p>Computer skills and competences</p> | <p>Very good command of MS office applications, a good command of chemistry software like ChemDraw, and an excellent knowledge of literature search data bases like SciFinder, Reaxis, and ISI-Web of Knowledge. Good command of software related to NMR structure elucidation (MestreC).</p> |
| <p>Other skills and competences</p> | <p>Besides being an experienced teacher at the university level, I am very experienced in planning and carrying out botanical excursions, including trips to remote places. I have extensive experience in mountaineering and also have some basic SCUBA diving experience (PADI Open Water Diver certificate in 2015). DLRG Rettungsschwimmer Silber/DLRG Lifeguard Licence Silver (2021). Deutsches Sportabzeichen Silber/German Sports Badge Silver (2021).</p> |
| <p>Driving licences</p> | <p>B, C1, BE, C1E, CE, M, L</p> |
| <p>Validly published new scientific names of plant taxa (including new combinations)</p> | <p><i>Helminthotheca algarbiensis</i> (Franco) Zidorn — Biochem. Syst. Ecol. 34(2): 146. 2006.</p> <p><i>Helminthotheca spinifera</i> (Franco) Zidorn — Biochem. Syst. Ecol. 34(2): 146. 2006.</p> <p><i>Leontodon arenicola</i> (Sennen & Mauricio) Enke & Zidorn — Org. Div. Evol. 12(1): 14. 2012.</p> <p><i>Leontodon caspicus</i> (Hornem.) Enke & Zidorn — Org. Div. Evol. 12(1): 14. 2012.</p> <p><i>Leontodon rhagadioloides</i> (L.) Enke & Zidorn — Org. Div. Evol. 12(1): 14. 2012.</p> <p><i>Leontodon rhagadioloides</i> subsp. <i>tubaeformis</i> (Ten.) Enke & Zidorn — Org. Div. Evol. 12(1): 14. 2012.</p> <p><i>Leontodon schousboei</i> Enke & Zidorn — Org. Div. Evol. 12(1): 14. 2012.</p> <p><i>Leontodon x grassiorum</i> Zidorn — Biochem. Syst. Ecol. 72: 34. 2017.</p> <p><i>Pilosella rubriflora</i> (Zahn) Zidorn — Biochem. Syst. Ecol. 38(5): 950. 2010.</p> <p><i>Scorzoneroides montana</i> (Lam.) Holub subsp. <i>illyrica</i> (K.Maly) Zidorn — Phytol. (Horn) 48(1): 57. 2008.</p> |
| <p>Editorial board memberships</p> | <p>Journal of Herbal Drugs (2013-today); Molecules (2016-today); Frontiers in Pharmacology, Review Editor of Frontiers in Ethnopharmacology (2018-today); Frontiers in Chemical Ecology, Review Editor in Ecology and Evolution (2020-today); Phytochemistry (2021-today)</p> |

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| Memberships in interdisciplinary facilities and clusters of excellence | <p>Kiel Life Science (since 05/2016): www.kls.uni-kiel.de</p> <p>Future Ocean (since 07/2016): www.futureocean.org</p> |
| Reviewer (regularly) for the following scientific journals | <p>Acta Biologica Cracoviensa Series Botanica • Acta Chromatographica • Acta Physiologiae Plantarum • African Journal of Agricultural Research • African Journal of Biotechnology • Biochemical Systematics and Ecology • Bioorganic Chemistry • Botanica Marina • Botanical Journal of the Linnean Society • Drug Metabolism Reviews • Environmental and Experimental Botany • Fitoterapia • Flavour and Fragrance Journal • Food Chemistry • Industrial Crops and Products • Journal of Agricultural and Food Chemistry • Journal of Applied Microbiology • Journal of Berry Research • Journal of Ethnopharmacology • Journal of Food Composition and Analysis • Journal of Herbal Drugs • Journal of Natural Products • Journal of Tropical Forest Science • Molecules • Natural Products Communications • Natural Product Research • New Phytologist • New Zealand Journal of Botany • Pharmaceutical Biology • Phytochemical Analysis • Phytochemistry • Phytochemistry Letters • Phytochemistry Reviews • Plant Cell Reports • Planta • Planta Medica • Protoplasma • Records of Natural Products • Scientia Pharmaceutica • South African Journal of Botany • Taxon • Tetrahedron Letters</p> |
| Reviewer for the following science funding organizations | <p>Deutsche Forschungsgemeinschaft DFG (since 2022) • EC-funded SYNTHESYS-Network (2008) • 7th Framework Program for Research, Technological Development and Demonstration of the European Commission (2009) • Israel Science Foundation (2009) • Chilean National Fund for Scientific and Technological Development (FONDECYT) (2011) • Österreichischer Austauschdienst (OeAD) (2013) • German Academic Exchange Service (DAAD) PRIME Programme (2019)</p> |
| Member of scientific committees organizing congresses | <p>8th Polish-German Symposium on Pharmaceutical Science. 29th-30th of May 2015 in Kiel/Germany</p> |
| Memberships in professional and scientific societies | <p>AG Geobotanik Schleswig-Holstein & Hamburg • Bayerische Botanische Gesellschaft • Deutscher Hochschullehrer Verband • Naturhistorischer Verein der Rheinlande und Westfalens • Phytochemical Society of Europe • Società Botanica Italiana</p> |
| Awards/Signs of recognition | <p>Included in the 2022 “Ioannidis list“ of two percent top cited scientists both for the last year as well as for the whole career in the field of Plant Biology & Botany</p> <p>Marie-Curie Fellowship 2013, Bruxelles, Belgium</p> <p>Preis für wissenschaftliche Forschung der Landeshauptstadt Innsbruck 2004, Austria</p> <p>Herba Preis 1998, Vienna, Austria</p> |
| Additional information | <p><u>Sports, travelling, and the outdoors</u></p> <p>In sports, I am an enthusiastic, but rather clumsy karateka and I very much like mountaineering, especially in connection with collecting alpine plants. In winter I love cross country skiing. Additionally, I am an ardent admirer of the Mediterranean region, its culture, life style, food, landscapes, and of course plant life. Last but not least, I am an aspiring nature photographer and a photographer of alpine plants in particular.</p> |

Christian ZIDORN - Bibliometric key figures/Bibliometrische Kennzahlen (10/12/2023)

| Figure | Web of Science* | Google Scholar |
|--------------------|-----------------|----------------|
| <i>h</i> -index | 31 | 36 |
| Publications | 157 | 193 |
| Sum of Times Cited | 3052 | 4516 |
| <i>h</i> 10 index | 86 | 96 |

* Web of Science: All databases.

Ioannidis List ranks for Christian ZIDORN*

| Year | 2019 | 2020 | 2021 | 2022 |
|-------------|--------|--------|--------|--------|
| Life | 154003 | 132619 | 130685 | 125219 |
| Single Year | 100796 | 56852 | 66673 | 65824 |

* Most recent update: <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/6>

Ten selected publications/Zehn ausgewählte Veröffentlichungen

| Rationale | Authors/Title/Details | Citations* |
|--|--|------------|
| Most interesting scientific results | Albert, A., Sareedenchai, V., Heller, W., Seidlitz, H.K., Zidorn, C., 2009. Temperature is the key to altitudinal variation of phenolics in <i>Arnica montana</i> L. cv. ARBO. <i>Oecologia</i> 160, 1-8. | 130 |
| Paper with highest number of citations | Zidorn, C., Jöhrer, K., Ganzera, M., Schubert, B., Sigmund, E.M., Mader, J., Greil, R., Ellmerer, E. P., Stuppner, H., 2005. Polyacetylenes from the Apiaceae vegetables carrot, celery, fennel, parsley, and parsnip and their cytotoxic activity. <i>J. Agric. Food Chem.</i> 53, 2518-2523. | 196 |
| Paper published in highest impact journal | Giordano, G., Carbone, M., Ciavatta, M.L., Silvano, E., Gavagnin, M., Garson, M.J., Cheney, K.L., Mudianta W., Russo, G.F., Villani, G., Magliozzi, L., Polese, G., Zidorn, C., Cutignano, A., Fontana, A., Ghiselin, M.T., Mollo, E., 2017. Volatile secondary metabolites as aposematic olfactory signals and defensive weapons in aquatic environments. <i>Proc. Nat. Acad. Sci. U.S.A.</i> 114, 3451-3456. | 39 |
| Most interesting new (recent) structure | Grauso, L., Li, Y., Scarpato, S., Shulha, O., Rárová, L., Strnad, M., Teta, R., Mangoni, A., Zidorn, C., 2020. Structure and conformation of zosteraphenols, tetracyclic diarylheptanoids from the seagrass <i>Zostera marina</i> : an NMR and DFT study. <i>Org. Lett.</i> 22, 78-82. | 10 |
| Most relevant point of view | Zidorn, C., 2019. Plant chemophenetics – a new term for plant chemosystematics/plant chemotaxonomy in the macro-molecular era. <i>Phytochemistry</i> 163, 147-148. | 69 |
| Best combination of methods | Enke, N., Gemeinholzer, B., Zidorn, C., 2012. Molecular and phytochemical systematics of the subtribe Hypochaeridinae (Asteraceae, Cichorieae). <i>Org. Divers. Evol.</i> 12, 1-16. | 25 |
| Best free land study | Spitaler, R., Schlorhauser, P.D., Ellmerer, E.P., Merfort, I., Bortenschlager, S., Stuppner, H., Zidorn, C., 2006. Altitudinal variation of secondary metabolite profiles in flowering heads of <i>Arnica montana</i> cv. ARBO. <i>Phytochemistry</i> 67, 409-417. | 127 |
| Best (recent) review | Zidorn, C., 2016. Secondary metabolites of seagrasses (Alismatales and Potamogetonales; Alismatidae): Chemical diversity, bioactivity, and ecological function. <i>Phytochemistry</i> 124, 5-28. | 73 |
| Best chemophenetic <i>h</i> -systematic review | Zidorn, C., 2008. Sesquiterpene lactones and their precursors as chemosystematic markers in the tribe Cichorieae of the Asteraceae. <i>Phytochemistry</i> 69, 2270-2296. | 98 |
| Best pharmacognostic review | Szewczyk, K., Zidorn, C., 2014. Ethnobotany, phytochemistry, and bioactivity of the genus <i>Turnera</i> (Passifloraceae) with a focus on damiana – <i>Turnera diffusa</i> . <i>J. Ethnopharm.</i> 152, 424-443. | 48 |

* Web of Science: All databases.

Professor Dr. Christian ZIDORN, Kiel - List of Publications/Publikationsliste

Doctoral thesis/Dissertation

Zidorn, C., 1998. Phytochemie, Pharmakologie, Chemotaxonomie und Morphologie von *Leontodon hispidus* L. s.l. unter Berücksichtigung weiterer Taxa der Gattung *Leontodon*. [Phytochemistry, pharmacology, chemotaxonomy and morphology of *Leontodon hispidus* L.] Dissertation Universität Innsbruck, Shaker Verlag, Aachen, 281 S.

Habilitation theses/Habilitationsschriften

Pharmacognosy/Pharmakognosie

Zidorn, C., 2003. Chemosystematische Studien an europäischen Taxa der Asteraceae und neuseeländischen Taxa der Apiaceae. [Chemosystematic studies of European taxa of the Asteraceae and New Zealand taxa of the Apiaceae.] Habilitationsschrift Universität Innsbruck, Innsbruck, 158 S.

Botany/Botanik

Zidorn, C., 2006. Floristische, phytochemische und systematische Studien an höheren Pflanzen unter besonderer Berücksichtigung der Familie der Asteraceae. [Floristic, phytochemical and systematic studies on higher plants, in particular from the Asteraceae family.] Habilitationsschrift Universität Innsbruck, Innsbruck, 205 S.

Comments-Editorials/Kommentare-Editorials (*corresponding author)

2019

<2> Zidorn, C.*, 2019. Plant chemophenetics – a new term for plant chemosystematics/plant chemotaxonomy in the macro-molecular era. *Phytochemistry* 163, 147-148. doi:10.1016/j.phytochem.2019.02.013

2017

<1> Zidorn, C.*, 2017. Guidelines for consistent characterisation and documentation of plant source materials for studies in phytochemistry and phytopharmacology. *Phytochemistry* 139, 56-59. doi:10.1016/j.phytochem.2017.04.004

Reviews/Übersichtsarbeiten (*corresponding author)

2021-ff

<21> Li, Y., Zidorn C.*, 2022. Seasonal variation of natural products in European herbs. *Phytochem. Rev.* 21, 1549-1575. doi:10.1007/s11101-021-09797-7

<20> Willer, J., Zidorn, C., Vicedo, J.J.*, 2021. Ethnobotany, natural products, and bioactivities of *Hieracium* L. and *Pilosella* Hill. (Cichorieae, Asteraceae) species. *J. Ethnopharm.* 281, 114465. doi:10.1016/j.jep.2021.114465

<19> Yulvianti, M., Zidorn, C.*, 2021. Chemical diversity of plant cyanogenic glycosides: an overview about reported natural products. *Molecules* 26, 719. doi:10.3390/molecules26030719

2016-2020

<18> Uddin, M.J., Zidorn, C.*, 2020. Traditional herbal medicines against CNS disorders from Bangladesh. *Nat. Prod. Bioprospect.* 10, 377-410. doi:10.1007/s13659-020-00269-7

<17> Abdalla, M.A.*, Zidorn, C., 2020. The genus *Tragopogon* (Asteraceae): A review about its natural products and pharmacological properties. *J. Ethnopharm.* 250, 112466. doi:10.1016/j.jep.2019.112466

<16> Zidorn, C.*, 2019. Bioprospecting of plant natural products in Schleswig-Holstein (Germany) I: Chemodiversity of the Cichorieae tribe (Asteraceae) in Schleswig-Holstein. *Phytochem. Rev.* 18, 1223-1253. doi:10.1007/s11101-019-09609-z

<15> Shulha, O., Zidorn, C.*, 2019. Sesquiterpene lactones and their precursors as chemosystematic markers in the tribe Cichorieae of the Asteraceae revisited: an update (2008-2017). *Phytochemistry* 163, 149-177. doi:10.1016/j.phytochem.2019.02.001

<14> Scharenberg, F., Zidorn, C.*, 2018. Genuine and sequestered natural products from the genus *Orobancha* (Orobanchaceae, Lamiales). *Molecules* 23, 2821. doi:10.3390/molecules23112821

<13> Zidorn, C.*, 2018. Seasonal variation of natural products in European trees. *Phytochem. Rev.* 17, 923-935. doi:10.1007/s11101-018-9570-4

<12> Çiçek, S.S., Vitalini, S., Zidorn, C.*, 2018. Natural phenyldihydroisocoumarins: sources, chemistry and bioactivity. *Nat. Prod. Comm.* 13, 279-288. doi:10.1177/1934578X1801300306

<11> Vitalini, S., Çiçek, S.S., Granica, S., Zidorn, C.*, 2018. Dihydroresveratrol type dihydrostilbenoids: chemical diversity, chemosystematics, and bioactivity. *Curr. Med. Chem.* 25, 1194-1240. doi:10.2174/0929867324666170830112343

<10> Zidorn, C.*, 2016. Secondary metabolites of seagrasses (Alismatales and Potamogetonales; Alismatidae): Chemical diversity, bioactivity, and ecological function. *Phytochemistry* 124, 5-28. doi:10.1016/j.phytochem.2016.02.004

2011-2015

- <9> Zidorn, C.*, 2015. Isoetin and its derivatives: analytics, chemosystematics, and bioactivities. *Biochem. Syst. Ecol.* 61, 402-412. doi:10.1016/j.bse.2015.07.001
- <8> Llorens, L.*, Badenes-Perez, F.R., Julkunen-Tiitto, R., Zidorn, C., Fereres, A., Jansen, M.A.K., 2015. The role of UV-B radiation in plant sexual reproduction. *Persp. Plant. Ecol. Evol. Syst.* 17, 243-254. doi:10.1016/j.ppees.2015.03.001
- <7> Epifano, F., Fiorito, S., Genovese, S., Granica, S., Vitalini, S., Zidorn, C.*, 2015. Phytochemistry of the genus *Skimmia* (Rutaceae). *Phytochemistry* 115, 27-43. doi:10.1016/j.phytochem.2015.02.014
- <6> Szewczyk, K., Zidorn, C.*, 2014. Ethnobotany, phytochemistry, and bioactivity of the genus *Turnera* (Passifloraceae) with a focus on damiana – *Turnera diffusa*. *J. Ethnopharm.* 152, 424-443. doi:10.1016/j.jep.2014.01.019

2006-2010

- <5> Heglmeier, A., Zidorn, C.*, 2010. Secondary metabolites of *Posidonia oceanica* (Posidoniaceae). *Biochem. Syst. Ecol.* 38, 964-970. doi:10.1016/j.bse.2010.07.001
- <4> Sareedenchai, V., Zidorn, C.*, 2010. Flavonoids as chemosystematic markers in the tribe Cichorieae of the Asteraceae. *Biochem. Syst. Ecol.* 38, 935-957. doi:10.1016/j.bse.2009.09.006
- <3> Zidorn, C.*, 2010. Altitudinal variation of phenolics contents in flowering heads of the Asteraceae family. *Phytochemistry Reviews* 9, 197-203. doi:10.1007/s11101-009-9143-7
- <2> Zidorn, C.*, 2008. Sesquiterpene lactones and their precursors as chemosystematic markers in the tribe Cichorieae of the Asteraceae. *Phytochemistry* 69, 2270-2296. doi:10.1016/j.phytochem.2008.06.013
- <1> Zidorn, C.*, 2006. Sesquiterpenoids as chemosystematic markers in the subtribe Hypochaeridinae (Lactuceae, Asteraceae). *Biochem. Syst. Ecol.* 34, 144-159. doi:10.1016/j.bse.2005.08.001

Original Papers in International Journals/Internationale Originalarbeiten (*corresponding author)

2023

- <127> Moheimanian, N., Mirkhani, H., Edraki, N., Poustforoosh, A., Momeni, S., Khalighian, N., Zidorn, C., Sohrabipour, J., Jassbi, A.R.* (submitted). Bioassay-guided purification of α -glucosidase inhibitor fatty acids from *Padina tetrastromatica*. *J. Appl. Phycol.* (submitted 07.05.2023; accepted 25.10.2023; published online 23/11/2023). doi:10.1007/s10811-023-03125-6
- <126> Ayvazyan, A. Deutsch, L., Zidorn, C., Kircher, B., Çiçek, S.S.*, 2023. Cytotoxic diterpenoids from *Salvia glutinosa* and comparison with the tanshinone profile of danshen (*Salvia miltiorrhiza*). *Front. Plant Sci.* 14, 1269710. doi: 10.3389/fpls.2023.1269710 .
- <125> Mogghadam, M., Ghobad-Nejhad, M.*, Stegemann, T., Çiçek, S.S., Zidorn, C.*, Javanmard, M., 2023. Nutritional composition and odor-contributing volatile compounds of the edible mushroom *Cantharellus rufescens*. *Molecules* 28, 7516. doi: 10.3390/molecules28227516
- <124> Ayvazyan, A., Çiçek, S.S., Zidorn, C.*, 2023. Diterpenes from *Salvia glutinosa* (Lamiaceae, Mentheae). *Biochem. Syst. Ecol.* 110, 104689. doi:10.1016/j.bse.2023.104689
- <123> Danziger, L., Galarza Pérez, M., Çiçek, S.S., Zidorn, C.*, 2023. Fatty acids and polyacetylenes from *Chaerophyllum temulum* (Apiaceae, Scandiceae). *Biochem. Syst. Ecol.* 110, 104688. doi:10.1016/j.bse.2023.104688
- <122> Galarza Pérez, M., Fell, F., Zheleva-Dimitrova, D., Zidorn, C.*, 2023. Isoetin 2'-O- α -L-arabinopyranoside-5'-O- β -D-glucopyranoside. *Molbank* 2023, M1652. doi:10.3390/M1652
- <121> Zheleva-Dimitrova, D.*, Petrova, A., Zengin, G., Sinan, K.I., Balabanova, V., Joubert, O., Zidorn, C., Voynikov, Y., Simeonova, R., Gevrenova, R., 2023. Metabolite profiling and bioactivity of *Cicerbita alpina* (L.) Wallr. (Asteraceae, Cichorieae). *Molecules* 12, 1009. doi:10.3390/plants12051009
- <120> Pawłowska, K.A., Kryżman, M., Zidorn, C., Pagitz, K., Popowski, D., Granica, S.*, 2023. HPLC-DAD-MS³ fingerprints of phenolics of selected *Polygonum* taxa and their chemometric analysis. *Phytochemistry* 208, 113605. doi:10.1016/j.phytochem.2023.113605.
- <119> Çiçek, S.S.*, Pfeifer Barbosa, A.L., Wenzel-Storjohann, A., Orellana Segovia, J.F., Messias Bezerra, R., Sönnichsen, F., Zidorn, C., Kanzaki, I., Tasdemir, D., 2023. Chemical and biological evaluation of Amazonian medicinal plant *Vouacapoua americana* Aubl. *Plants* 12, 99. doi:10.3390/plants12010099

2022

- <118> Di Lecce, R., Mérindol, N., Galarza Pérez, M., Karimzadeganb, V., Berthoux, L., Boari, A., Zidorn, C., Vurro, M., Surico, G., Desgagné-Penix, I., Evidente, A.*, 2022. Biochemical analyses of bioactive metabolites from plants native to Lampedusa, Sicily minor island. *Plants* 11, 3447. doi:10.3390/plants11243447
- <117> Formato, M., Vastolo, A., Piccolella, S., Calabrò, S., Cutrignelli, M.I., Zidorn, C., Pacifico, S.*, 2022. *Castanea sativa* Mill. leaf: UHPLC-ESI-QqTOF analysis and effects on *in vitro* rumen fermentation and methanogenesis. *Molecules* 27, 8662. doi:10.3390/molecules27248662
- <116> Formato, M., Vastolo, A., Piccolella, S., Calabrò, S., Cutrignelli, M.I., Zidorn, C., Pacifico, S.*, 2022. Antioxidants in animal nutrition: UHPLC-ESI-QqTOF analysis and effects on *in vitro* rumen fermentation of oak leaf extracts. *Antioxidants* 11, 2366. doi:10.3390/antiox11122366
- <115> Grauso, L., Li, Y., Scarpato, S., Cacciola, N., De Cicco, P., Zidorn, C., Mangoni, A.*, 2022. A cytotoxic heterodimeric cyclic diarylheptanoid with a rearranged benzene ring from the seagrass *Zostera marina*. *J. Nat. Prod.* 85, 2468-2473. doi:10.1021/acs.jnatprod.2c00796
- <114> Formato, M., Scharenberg, F., Pacifico, S., Zidorn, C.*, 2022. Seasonal variations in phenolic natural products in beech tree (*Fagus sylvatica* L., Fagaceae) leaves. *Phytochemistry* 203, 113385. doi:10.1016/j.phytochem.2022.113385

- <113> Li, Y., Mangoni, A., Zidorn, C.*, 2022. Seasonal variation of diarylheptanoids in *Zostera marina* (Zosteraceae) from the Baltic Sea, impact of drying on diarylheptanoids and phenolics in *Zostera marina*, and first report 3-keto-steroids from *Zostera marina*. *Biochem. Syst. Ecol.* 103, 104446. doi:10.1016/j.bse.2022.104446
- <112> Wiczorkowska, W., Michel, P., Zielińska, S., Dos Santos Szewczyk, K., Zidorn, C., Czerwińska, M.E.*, 2022. Bioactivity of extracts of European *Lamium* species on cytokine 2 secretion from human neutrophils and peripheral blood mono-nuclear cells. *Acta Pharmaceutica Poloniae – Drug Research*, 79, 205-222. doi:10.32383/appdr/149392
- <111> Di Lecce, R., Galarza Pérez, M., Mangoni, A., Çiçek, S.S., Sönnichsen, F.D., Evidente, A., Zidorn, C.*, 2022. Sesquiterpenoids from *Leontodon tenuiflorus* (Asteraceae, Cichorieae): First record of a hypocretinoid from *Leontodon* section *Asterothrix*. *Biochem. Syst. Ecol.* 102, 104408. doi:10.1016/j.bse.2022.104408
- <110> Formato, M., Piccolella, S., Zidorn, C., Vastolo, A., Calabrò, S., Cutrignelli, M.I., Pacifico, S.*, 2022. UHPLC-ESI-Q_qTOF analysis and *in vitro* rumen fermentation for exploiting *Fagus sylvatica* leaf in ruminant diet. *Molecules* 27, 2217. doi:10.3390/molecules27072217.
- <109> Willer, J., Christensen, E., Wahl, A., Gemeinholzer, B., Zidorn, C.*, 2022. Phylogeny and chemophenetics of the newly described *Doronicum × longeflorens* and related *Doronicum* taxa (Senecioneae, Asteraceae). *Biochem. Syst. Ecol.* 101, 104400. doi:10.1016/j.bse.2022.104400
- <108> Uddin, M.J., Faraone, I., Haque, M.A., Rahman, M.M., Halim, M.A., Sönnichsen, F.D., Çiçek, S.S., Millela, L., Zidorn C.*, 2022. New insights into the leaves of *Ceriscoides campanulata*: Natural proanthocyanidins alleviate diabetes, inflammation, and esophageal squamous cell cancer via *in vitro* and *in silico* models. *Fitoterapia* 158, 105164. doi:10.1016/j.fitote.2022.105164
- <107> Li, Y., Rárová, L., Scarpato, S., Çiçek, S.S., Jordheim, M., Štenclová, T., Strnad, M., Mangoni, A., Zidorn, C.*, 2022. Seasonal variation of phenolic compounds in *Zostera marina* (Zosteraceae) from the Baltic Sea. *Phytochemistry* 196, 113099. doi:10.1016/j.phytochem.2022.113099
- <106> Pawłowska, K.A., Baracz, T., Skowrońska, W., Piwowarski, J.P., Majdan, M., Malarz, J., Stojakowska, A., Zidorn C., Granica, S.*, 2022. The contribution of phenolics to the anti-inflammatory potential of the extract from Bolivian coriander (*Porophyllum ruderale* subsp. *runderale*). *Food Chemistry* 371, 131116. doi:10.1016/j.foodchem.2021.131116
- 2021**
- <105> Li, Y., Grauso, L., Scarpato, S., Cacciola, N.A., Borrelli, F., Zidorn C., Mangoni, A.*, 2021. Stable catechol keto tautomers in cytotoxic heterodimeric cyclic diarylheptanoids from the seagrass *Zostera marina*. *Org. Lett.* 23, 7134-7138. doi:10.1021/acs.orglett.1c02537
- <104> Zielińska, S.*, Dziągwa-Becker, M., Junka, A., Piątczak, E., Jezierska-Domaradzka, A., Brożyna, M., Paleczny, J., Sobiecka, A., Słupski, W., Mess, E., Rzeszółko, J., Kucharski, M., Çiçek, S.S., Zidorn, C., Matkowski, A., 2021. Screening Papaveraceae as novel antibiofilm natural-based agents. *Molecules* 26, 4778. doi:10.3390/molecules26164778
- <103> Formato, M., Piccolella, S., Zidorn, C., Pacifico, S.*, 2021. UHPLC-HRMS analysis of *Fagus sylvatica* L. (Fagaceae) leaf: a renewable source of bioactive polyphenols. *Antioxidants* 10, 1140. doi:10.3390/antiox10071140
- <102> Uddin, M.J., Russo, D., Haque, M.A., Çiçek, S.S., Sönnichsen, F.D., Milella, L., Zidorn C.*, 2021. Bioactive abietane-type diterpenoid glycosides from leaves of *Clerodendrum infortunatum* (Lamiaceae). *Molecules* 26, 4121. doi:10.3390/molecules26144121
- <101> Uddin, M.J., Russo, D., Rahman, M.M., Uddin, S.B., Halim, M.A., Zidorn C., Milella, L.*, 2021. Anticholinesterase activity of eight medicinal plant species: *in vitro* and *in silico* studies in the search for therapeutic agents against Alzheimer's disease. *Evid.-Based Compl. Alternat. Med.* 2021, 9995614. doi:10.1155/2021/9995614
- <100> Çiçek, S.S.*, Willer, J., Prezioso, F., Sönnichsen, F., Greil, R., Girreser, U., Zidorn, C., Jöhrer, K., 2021. Cytotoxic constituents and a new hydroxycinnamic acid derivative from *Leontodon saxatilis* (Asteraceae, Cichorieae). *RSC Advances* 11, 10489-10496. doi:10.1039/d0ra10973h
- 2020**
- <99> Uddin, M.J., Çiçek, S.S., Willer, J., Shulha, O., Abdalla, M.A., Sönnichsen, F., Girreser, U., Zidorn, C.*, 2020. Phenylpropanoid glycosides and flavonoid glycosides from the leaves of *Clerodendrum infortunatum* (Lamiaceae). *Biochem. Syst. Ecol.* 92, 104131. doi:10.1016/j.bse.2020.104131
- <98> Zielińska, S.*, Dziągwa-Becker, M., Piątczak, E., Jezierska-Domaradzka, A., Brożyna, M., Junka, A., Kucharski, M., Çiçek, S.S., Zidorn, C., Matkowski, A., 2020. Phytochemical composition of *Corydalis solida* and *Pseudofumaria lutea* aerial and underground parts. *Molecules* 25, 3591. doi:10.3390/molecules25163591
- <97> Willer, J., Moura, M., Çiçek, S.S., Zidorn, C.*, 2020. Chemophenetics of Azorean *Leontodon* taxa (Cichorieae, Asteraceae). *Biochem. Syst. Ecol.* 91, 104077. doi:10.1016/j.bse.2020.104077
- <96> Grauso, L., Li, Y., Scarpato, S., Shulha, O., Rárová, L., Strnad, M., Teta, R., Mangoni, A.*, Zidorn, C.*, 2020. Structure and conformation of zosteraphenols, tetracyclic diarylheptanoids from the seagrass *Zostera marina*: an NMR and DFT study. *Org. Lett.* 22, 78-82. doi:10.1021/acs.orglett.9b03964
- <95> Çiçek, S.S., Malek, S., Zidorn, C.*, 2020. Flavonoids from *Atropa belladonna* (Solanaceae) leaves revisited. *Biochem. Syst. Ecol.* 88, 103990. doi:10.1016/j.bse.2019.103990
- <94> Shulha, O., Çiçek, S.S., Piccolella, S., Rárová, L., Strnad, M., Sönnichsen, F., Pacifico, S., Zidorn, C.*, 2020. Sesquiterpene lactones from *Sonchus palustris* (Asteraceae, Cichorieae). *Phytochemistry* 170, 112196. doi:10.1016/j.phytochem.2019.112196
- 2019**
- <93> Szewczyk, K.*, Çiçek, S.S., Zidorn, C., Granica, S., 2019. Phenolic constituents of the aerial parts of *Impatiens glandulifera* Royle (Balsaminaceae) and their antioxidant activities. *Nat. Prod. Res.* 33, 2851-2855. doi:10.1080/14786419.2018.1499644
- <92> Li, Y., Mangoni, A., Shulha, O., Çiçek, S.S., Zidorn, C.*, 2019. Cyclic diarylheptanoids deoxycymodienol and isotedarene A from *Zostera marina* (Zosteraceae). *Tetrahedron Lett.* 60, 150930. doi:10.1016/j.tetlet.2019.07.021

- <91> Shulha, O., Çiçek, S.S., Wangenstein, H., Kroes, J., Mäder, M., Girreser, U., Sendker, J., Jöhner, K., Greil, R., Schühly, W., Mangoni, A., Grauso, L., van Thriel, C., Zidorn, C.*, 2019. Lignans and sesquiterpene lactones from *Hypochaeris radicata* subsp. *neapolitana* (Asteraceae, Cichorieae). *Phytochemistry* 165, 112047. doi:10.1016/j.phytochem.2019.05.020
- <90> Scharenberg, F., Stegemann, T., Çiçek, S.S., Zidorn, C.*, 2019. Sequestration of pyridine alkaloids anabasine and nicotine from *Nicotiana* (Solanaceae) by *Orobancha ramosa* (Orobanchaceae). *Biochem. Syst. Ecol.* 86, 103908. doi:10.1016/j.bse.2019.05.016
- <89> Scharenberg, F., Çiçek, S.S., Stegemann, T., Piccolella, S., Pacifico, S., Zidorn, C.*, 2019. Flavonol triglycosides from *Ornithopus compressus* L. (Fabaceae). *Ind. Crops Prod.* 137, 475-483. doi:10.1016/j.indcrop.2019.05.048
- <88> Willer, J., Jöhner, K., Greil, R., Zidorn, C., Çiçek, S.S.*, 2019. Cytotoxic properties of damiana (*Turnera diffusa*) extracts and constituents and a validated quantitative UHPLC-DAD assay. *Molecules* 24, 855. doi:10.3390/molecules24050855
- <87> Pfeifer Barbosa, A.L., Stenzel-Storjohann, A., Barbosa, J.D., Zidorn, C., Pfeifer, C., Tasdemir, D., Çiçek, S.S.*, 2019. Antimicrobial and cytotoxic effects of the *Copaifera reticulata* oleorin and its main diterpene acids. *J. Ethnopharmacol.* 233, 94-100. doi:10.1016/j.jep.2018.11.029
- 2018**
- <86> Mertens, F., Çiçek, S.S., Zidorn, C.*, 2018. Integrifolin from *Pilosella officinarum* (Asteraceae, Cichorieae): First record of a sesquiterpene lactone in the genus *Pilosella*. *Biochem. Syst. Ecol.* 80, 43-45. doi:10.1016/j.bse.2018.06.007
- <85> Bogucka-Kocka, A., Zidorn, C., Kasprzycka, M., Szymczak, G., Szewczyk, K.*, 2018. Phenolic acids content, antioxidant and cytotoxic activities of four *Kalanchoë* species. *Saudi J. Biol. Sci.* 25, 622-630. doi:10.1016/j.sjbs.2016.01.037
- <84> Çiçek, S.S.*, Girreser, U., Zidorn, C., 2018. Quantification of the total amount of black cohosh cycloartenoids by integration of one specific ¹H NMR signal. *J. Pharm. Biomed. Anal.* 155, 101-115. doi:10.1016/j.jpba.2018.03.056
- <83> Milutinović, V., Niketić, M., Usjak, L., Nikolić, D., Krunic, A., Zidorn, C., Petrović, S.*, 2018. Methanol extracts of twenty-eight *Hieracium* species from the Balkans Peninsula – comparative LC-MS analysis, chemosystematic evaluation of their flavonoid and phenolic acid profiles and antioxidant potentials. *Phytochem. Anal.* 29, 30-47. doi:10.1002/pca.2712
- 2017**
- <82> Gemeinholzer, B., Granica, S., Moura, M., Teufel, L., Zidorn, C.*, 2017. *Leontodon* × *grassiorum* (Asteraceae, Cichorieae), a newly discovered hybrid between an Azorean and a mainland European taxon: morphology, molecular characteristics, and phytochemistry. *Biochem. Syst. Ecol.* 72, 32-39. doi:10.1016/j.bse.2017.04.001
- <81> Giordano, G., Carbone, M., Ciavatta, M.L., Silvano, E., Gavagnin, M., Garson, M.J., Cheney, K.L., Mudianta, I.W., Russo, G.F., Villani, G., Magliozzi, L., Polese, G., Zidorn, C., Cutignano, A., Fontana, A., Ghiselin, M.T., Mollo, E.*, 2017. Volatile secondary metabolites as aposematic olfactory signals and defensive weapons in aquatic environments. *Proc. Nat. Acad. Sci. U.S.A.* 114, 3451-3456. doi:10.1073/pnas.1614655114
- <80> Granica, S., Fusani, P., Stanisławska, I., Piwowski, J.P., Melck, D., Motta, A., Zidorn, C.*, 2017. Monoterpenoids from the traditional North Italian vegetable *Aruncus dioicus* (Walter) Fernald var. *vulgaris* (Maxim.) H.Hara (Rosaceae). *Food Chemistry* 221, 1851-1859. doi:10.1016/j.foodchem.2016.10.090
- 2016**
- <79> Szewczyk, K.*, Zidorn, C., Biernasiuk, A., Komsta, L., Granica, S., 2016. Polyphenols from *Impatiens* (Balsaminaceae) and their antioxidant and antimicrobial activities. *Ind. Crop. Prod.* 86, 262-272. doi:10.1016/j.indcrop.2016.03.053
- <78> Fusani, P., Piwowski, J.P., Zidorn, C., Kiss, A.K., Scartezzini, F., Granica, S.*, 2016. Seasonal variation in secondary metabolites of edible shoots of Buck's beard [*Aruncus dioicus* (Walter) Fernald (Rosaceae)]. *Food Chemistry* 202, 23-30. doi:10.1016/j.foodchem.2016.01.103
- 2015**
- <77> Granica, S., Piwowski, J.P., Randazzo, A., Schneider, P., Żyżyńska-Granica, B., Zidorn, C.*, 2015. Novel stilbenoids, including cannabispadienone glycosides, from *Tragopogon tommasinii* (Asteraceae, Cichorieae) and their potential anti-inflammatory activity. *Phytochemistry* 117, 254-266. doi:10.1016/j.phytochem.2015.06.018
- <76> Granica, S., Zidorn, C.*, 2015. Phenolic compounds from aerial parts as chemosystematic markers in the Scorzonerinae (Asteraceae). *Biochem. Syst. Ecol.* 58, 102-113. doi:10.1016/j.bse.2014.11.005
- <75> Granica, S., Lohwasser, U., Jöhner, K., Zidorn, C., 2015. Qualitative and quantitative analyses of secondary metabolites in aerial and subaerial parts of *Scorzonera hispanica* L. (black salsify). *Food Chemistry* 173, 321-332. doi:10.1016/j.foodchem.2014.10.006
- 2014**
- <74> Szewczyk, K.*, Krzaczek, T., Łopatyński, T., Gawlik-Dziki, U., Zidorn, C., 2014. Flavonoids from *Jovibarba globifera* (Crassulaceae) rosette leaves and their antioxidant activity. *Nat. Prod. Res.* 28, 1655-1658. doi:10.1080/14786419.2014.938335
- 2013**
- <73> Michalska, K., Kisiel, W., Zidorn, C.*, 2013. Sesquiterpene lactones from *Crepis aurea* (Asteraceae, Cichorieae). *Biochem. Syst. Ecol.* 46, 1-3. doi:10.1016/j.bse.2012.08.005
- 2012**
- <72> Zidorn, C.*, 2012. *Leontodon* and *Scorzoneroideis* (Asteraceae, Cichorieae) in Italy. *Plant Biosystems* 146-S1, 41-51. doi:10.1080/11263504.2012.710272
- <71> Jöhner, K.*, Obkircher, M., Neureiter, D., Parteli, J., Zelle-Rieser, C., Maizner, E., Kern, J., Hermann, M., Hamacher, F., Merkel, O., Wacht, N., Zidorn, C., Scheideler, M., Greil, R., 2012. Anti-myeloma activity of sesquiterpene lactone crnicin. *J. Mol. Med.* 90, 681-693. doi:10.1007/s00109-011-0848-x
- <70> Enke, N.*, Gemeinholzer, B., Zidorn, C.*, 2012. Molecular and phytochemical systematics of the subtribe Hypochaeridinae (Asteraceae, Cichorieae). *Org. Divers. Evol.* 12, 1-16. doi:10.1007/s13127-011-0064-0
- <69> Çiçek, S.S., Untersulzner, C., Schwaiger, S., Zidorn, C.*, 2012. Caffeoyl-D-glucaric acid derivatives in the genus *Gnaphalium* (Asteraceae: Gnaphalieae). *Rec. Nat. Prod.* 6, 311-315. <http://www.acgpubs.org/RNP/2012/Volume%206/Issue%201/44-RNP-1102-492.pdf>

- <68> Dalsgaard, P., Petersen, B. O., Duus, J., Zidorn, C., Frisvad, J. C., Christophersen, C., Larsen, T.O.*, 2012. Atlantinone A, a meroterpenoid produced by *Penicillium ribeum* and several cheese associated *Penicillium* species. *Metabolites* 2, 214-220. doi:10.3390/metabo2010214
- <67> Sommovilla, V., Haidacher-Gasser, D., Sgarbossa, M., Zidorn, C.*, 2012. Seasonal variation in phenolics in leaves of *Celtis australis* (Cannabaceae). *Biochem. Syst. Ecol.* 41, 110-114. doi:10.1016/j.bse.2011.12.028
- 2011**
- <66> Posch, M., Jöhner, K., Çiçek, S., Greil, R., Ellmerer, E. P., Zidorn, C.*, 2011. A new trisaccharide derivative from *Prenanthes purpurea*. *J. Serb. Chem. Soc.* 76, 841-845. doi:10.2298/JSC101210072P
- <65> Krimplstätter, R., Ma, B., Spitaler, R., Ellmerer, E., Zidorn, C.*, 2011. Phenolics from *Rhagadiolus stellatus* (Asteraceae, Cichorieae). *Sci. Pharm.* 79, 175-179. doi:10.3797/scipharm.1011-12
- 2010**
- <64> Fusani, P.*, Zidorn, C., 2010. Phenolics and a sesquiterpene lactone in the edible shoots of *Cicerbita alpina* (L.) Wallroth. *J. Food Comp. Anal.* 23, 658-663. doi:10.1016/j.jfca.2009.08.014
- <63> Kaltenhauser, M., Ellmerer, E. P., Zidorn C.*, 2010. Rhamnopyranosylvitexin derivatives from *Celtis australis*. *J. Serb. Chem. Soc.* 75, 733-738. doi:10.2298/JSC090817049K
- <62> Jehle, M., Bano, J., Ellmerer, E. P., Zidorn, C.*, 2010. Natural products from *Scorzonera aristata* (Asteraceae). *Nat. Prod. Comm.* 5, 725-727. <http://members.naturalproduct.us/Secure/Issue.aspx?volumeissueid=53>
- <61> Zidorn, C.*, Petersen, B. O., Sareedenchai, V., Ellmerer, E. P., Duus, J.Ø., 2010. Tragoponol, a dimeric dihydroisocoumarin from *Tragopogon porrifolius* L. *Tetrahedron Lett.* 51, 1390-1393. doi:10.1016/j.tetlet.2010.01.016
- <60> Zehrmann, N., Zidorn, C., Ganzera, M.*, 2010. Analysis of rare flavonoid C-glycosides in *Celtis australis* L. by micellar electrokinetic chromatography. *J. Pharm. Biomed. Anal.* 51, 1165-1168. doi:10.1016/j.jpba.2009.11.028
- 2009**
- <59> Jensen, S.R.*, Goffredsen, C. H., Zidorn C., 2009. Iridoids and phenylethanoids in *Lagotis integrifolia* and *Wulfeniopsis amherstiana* (Plantaginaceae). *Biochem. Syst. Ecol.* 37, 421-425. doi:10.1016/j.bse.2009.04.013
- <58> Sareedenchai, V., Ganzera, M., Ellmerer, E.-P., Lohwasser, U., Zidorn, C.*, 2009. Phenolic compounds from *Tragopogon porrifolius* L. *Biochem. Syst. Ecol.* 37, 234-236. doi:10.1016/j.bse.2009.03.004
- <57> Albert, A., Sareedenchai, V., Heller, W., Seidlitz, H. K., Zidorn, C.*, 2009. Temperature is the key to altitudinal variation of phenolics in *Arnica montana* L. cv. ARBO. *Oecologia* 160, 1-8. doi:10.1007/s00442-009-1277-1
- <56> Spitaler, R., Gurschler, S., Ellmerer, E., Schubert, B., Sgarbossa, M., Zidorn, C.*, 2009. Flavonoids from *Celtis australis* (Cannabaceae). *Biochem. Syst. Ecol.* 37, 120-121. doi:10.1016/j.bse.2008.11.020
- 2008**
- <55> Zidorn, C., Schubert, B., Stuppner, H., 2008. Phenolics as chemosystematic markers in and for the genus *Crepis* (Asteraceae, Cichorieae). *Sci. Pharm.* 76, 743-750. doi:10.3797/scipharm.0810-25
- <54> Huong, N.T.H.*, Cu, N.K.Q., Quy, T.V., Zidorn, C., Ganzera, M., Stuppner, H., 2008. A new phenylpropanoid glycoside from *Jasminum subtripplinerve* Blume. *J. Asian Nat. Prod. Res.* 10, 1035-1038. doi:10.1080/10286020802320897
- <53> Sareedenchai, V., Zidorn C.*, 2008. Sequestration of polyacetylenes by the parasite *Orobanche hederæ* (Orobanchaceae) from its host *Hedera helix* (Araliaceae). *Biochem. Syst. Ecol.* 36, 772-776. doi:10.1016/j.bse.2008.09.002
- <52> Zidorn, C.*, 2008. *Scorzoneroïdes montana* (Lam.) Holub s.l. (Cichorieae, Asteraceae). *Phyton* 48, 51-59.
- <51> Ganzera, M.*, Egger, C., Zidorn, C., Stuppner, H., 2008. Quantitative analysis of flavonoids and phenolic acids in *Arnica montana* by micellar electrokinetic capillary chromatography. *Anal. Chim. Acta* 614, 196-200. doi:10.1016/j.aca.2008.03.023
- <50> Ganzera, M., Guggenberger, M., Stuppner, H., Zidorn, C.*, 2008. Altitudinal variation of secondary metabolite profiles in flowering heads of *Matricaria chamomilla* cv. BONA. *Planta Med.* 74, 453-457. doi:10.1055/s-2008-1034326
- <49> Spitaler, R., Winkler, A., Lins, I., Yanar, S., Stuppner, H., Zidorn, C.*, 2008. Altitudinal variation of phenolic contents in flowering heads of *Arnica montana* cv. ARBO: A 3-year comparison. *J. Chem. Ecol.* 34, 369-375. doi:10.1007/s10886-007-9407-x
- 2007**
- <48> Zidorn, C.*, Schwingshackl, E., Ellmerer, E. P., Ongania, K.-H., Stuppner, H., 2007. An unusual novel sesquiterpenoid from *Hypochaeris achyrophorus*. *Nat. Prod. Res.* 21, 1165-1170. doi:10.1080/14786410600823878
- <47> Zidorn, C.*, Spitaler, R., Grass, S., Mader, J., Müller, T., Ellmerer, E. P., Stuppner, H., 2007. Four new hypocretenolides from *Leontodon rosani*. *Biochem. Syst. Ecol.* 35, 301-307. doi:10.1016/j.bse.2006.11.004
- <46> Sari, A.*, Zidorn, C., Ellmerer, E. P., Özgökçe, F., Ongania, K.-H., Stuppner, H., 2007. Phenolic compounds from *Scorzonera tomentosa*. *Helv. Chim. Acta* 90, 311-317. doi:10.1002/hlca.200790035
- <45> Zidorn, C.*, Ellmerer, E. P., Heller, W., Jöhner, K., Frommberger, M., Greil, R., Guggenberger, M., Ongania, K.-H., Stuppner, H., 2007. A new sesquiterpene lactone sulfate from *Reichardia gaditana* (Asteraceae). *Z. Naturforsch.* 62b, 132-134. <http://www.znaturforsch.com/ab/v62b/s62b0132.pdf>
- 2006**
- <44> Spitaler, R.*, Zidorn, C.*, 2006. Rediscovery of *Androsace hausmannii* (Primulaceae) and *Braya alpina* (Brassicaceae) in North Tyrol: Implications for geobotany and listings of alpine taxa in red lists. *Phyton* 46, 83-98.
- <43> Zidorn, C.*, Spitaler, R., Ellmerer, E.P., Stuppner, H., 2006. On the occurrence of the guaianolide glucoside ixerin F in *Chondrilla juncea* and its chemosystematic significance. *Biochem. Syst. Ecol.* 34, 900-902. doi:10.1016/j.bse.2006.08.003
- <42> Zidorn, C., Grass, S., Ellmerer, E.P., Ongania, K.-H., Stuppner, H.*, 2006. Stilbenoids from *Tragopogon orientalis*. *Phytochemistry* 67, 2182-2188. doi:10.1016/j.phytochem.2006.06.031
- <41> Zidorn, C.*, Horak, S., Weavers, R.T., Ellmerer, E.P., Stuppner, H., van Klink, J.W., 2006. Diterpenoids and phenolics from *Pseudopanax simplex*. *J. Serb. Chem. Soc.* 71, 121-125. doi:10.2298/JSC0602121Z

- <40> Spitaler, R., Schlorhauser, P.D., Ellmerer, E.P., Merfort, I., Bortenschlager, S., Stuppner, H., Zidorn, C.*, 2006. Altitudinal variation of secondary metabolite profiles in flowering heads of *Arnica montana* cv. ARBO. *Phytochemistry* 67, 409-417. doi:10.1016/j.phytochem.2005.11.018
- <39> Zidorn, C.*, Pschorr, S., Ellmerer, E.P., Stuppner, H., 2006. Occurrence of equisetumpyrone and other phenolics in *Leontodon crispus*. *Biochem. Syst. Ecol.* 34, 185-187. doi:10.1016/j.bse.2005.07.018
- <38> Grass, S., Zidorn, C., Blattner, F.R., Stuppner, H.*, 2006. Comparative molecular and phytochemical investigation of *Leontodon autumnalis* (Asteraceae, Lactuceae) populations from Central Europe. *Phytochemistry* 67, 122-131. doi:10.1016/j.phytochem.2005.10.019
- 2005**
- <37> Rollinger, J.M.*, Mock, P., Zidorn, C., Ellmerer, E.P., Langer, T., Stuppner, H., 2005. Application of the *in combo* approach for the discovery of non-alkaloid acetylcholinesterase inhibitors from *Cichorium intybus*. *Curr. Drug Disc. Techn.* 2, 185-193; Erratum 2006: *Curr. Drug Disc. Techn.* 3, 89.
- <36> Zidorn, C.*, Lohwasser, U., Pschorr, S., Salvenmoser, D., Ongania, K.-H., Ellmerer, E.P., Börner, A., Stuppner, H., 2005. Bibenzyls and dihydroisocoumarins from white salsify (*Tragopogon porrifolius* subsp. *porrifolius*). *Phytochemistry* 66, 1691-1697. doi:10.1016/j.phytochem.2005.05.004
- <35> Zidorn, C.*, Ellmerer, E.P., Konwalinka, G., Ongania, K.-H., Schwaha, R., Greil, R., Joehrer, K., Perry, N.B., Stuppner, H., 2005. 1,10-Epoxyhypocretenolides from the Azorean endemic *Leontodon rigens* (Asteraceae). *Lett. Org. Chem.* 2, 461-464.
- <34> Zidorn, C.*, Schubert, B., Stuppner, H., 2005. Altitudinal differences in the contents of phenolics in flowering heads of three members of the tribe Lactuceae (Asteraceae) occurring as introduced species in New Zealand. *Biochem. Syst. Ecol.* 33, 855-872. doi:10.1016/j.bse.2004.12.027
- <33> Zidorn, C.*, Udovičić, V., Spitaler, R., Ellmerer, E.P., Stuppner, H., 2005. Secondary metabolites from *Arnoseris minima*. *Biochem. Syst. Ecol.* 33, 827-829. doi:10.1016/j.bse.2004.12.026
- <32> Overy, D.P.*, Zidorn, C., Petersen, B.O., Duus, J.Ø., Dalsgaard, P.W., Larsen, T.O., Phipps, R.K., 2005. Medium dependent production of corymbiferone lactone a novel product from *Penicillium hordei* culture on plant tissue agar. *Tetrahedron Lett.* 46, 3225-3228. doi:10.1016/j.tetlet.2005.03.043
- <31> Zidorn, C.*, Jöhrer, K., Ganzera, M., Schubert, B., Sigmund, E.M., Mader, J., Greil, R., Ellmerer, E.P., Stuppner, H., 2005. Polyacetyles from the Apiaceae vegetables carrot, celery, fennel, parsley, and parsnip and their cytotoxic activity. *J. Agric. Food Chem.* 53, 2518-2523. doi:10.1021/jf048041s
- <30> Zidorn, C.*, Schwaha, R.E., Ellmerer, E.P., Stuppner, H., 2005. On the occurrence of sonchuside A in *Cicerbita alpina* and its chemosystematic significance. *J. Serb. Chem. Soc.* 70, 171-175. <http://www.shd.org.rs/JSCS/>
- <29> Ganzera, M.*, Orsi, H., Zidorn, C., Khan, I. A., Stuppner, H., 2005. Occurrence of grandifloroside-11-methyl ester in *Nyssa ogeche* (Nyssaceae). *Biochem. Syst. Ecol.* 33, 327-329. doi:10.1016/j.bse.2004.08.002
- <28> Zidorn, C.*, Petersen, B.O., Udovičić, V., Larsen, T.O., Duus, J.Ø., Rollinger, J.M., Ongania, K.-H., Ellmerer, E.P., Stuppner, H., 2005. Podospermic acid, 1,3,5-tri-*O*-(7,8-dihydrocaffeoyl)quinic acid from *Podospermum laciniatum* (Asteraceae). *Tetrahedron Lett.* 46, 1291-1294. doi:10.1016/j.tetlet.2004.12.118
- 2004**
- <27> Zidorn, C.*, Ellmerer E.P., Ziller A., Stuppner H., 2004. Occurrence of (*E*)-aldosecologanin in *Kissenia capensis* (Loasaceae). *Biochem. Syst. Ecol.* 32, 761-763. doi:10.1016/j.bse.2003.12.006
- <26> Zidorn, C.*, Ellmerer, E.P., Konwalinka, G., Schwaiger, N., Stuppner, H., 2004. 13-Chloro-3-*O*-β-D-glucopyranosylsolstitialin from *Leontodon pallisae*: the first genuine chlorinated sesquiterpene lactone glucoside. *Tetrahedron Lett.* 45, 3433-3436; Erratum 2007. *Tetrahedron Lett.* 48, 2047. doi:10.1016/j.tetlet.2004.03.006 / doi:10.1016/j.tetlet.2007.01.080
- <25> Grass, S., Zidorn, C., Ellmerer, E.P., Stuppner, H.*, 2004. Eudesmane derivatives from *Hieracium intybaseum*. *Chemistry & Biodiversity* 1, 353-360. doi:10.1002/cbdv.200490031
- <24> Spitaler, R., Ellmerer, E.P., Zidorn, C.*, Stuppner, H., 2004. A new eudesmane derivative from *Leontodon tuberosus*. *Z. Naturforsch.* 59b, 95-99. <http://www.znaturforsch.com/ab/v59b/s59b0095.pdf>, 617. <http://www.znaturforsch.com/ab/v59b/s59b0617.pdf>
- 2003**
- <23> Rollinger, J.M.*, Zidorn, C., Dobner, M.J., Ellmerer, E.P., Stuppner, H., 2003. Lignans, phenylpropanoids and polyacetyles from *Chaerophyllum aureum* L. (Apiaceae). *Z. Naturforsch.* 58c, 553-557. <http://www.znaturforsch.com/ac/v58c/s58c0553.pdf>
- <22> Zidorn, C.*, Ellmerer, E.P., Sturm, S., Stuppner, H., 2003. Tyrolobibenzyls E and F from *Scorzonera humilis* and distribution of caffeic acids, lignans and tyrolobibenzyls in European taxa of the subtribe Scorzonerinae (Lactuceae, Asteraceae). *Phytochemistry* 63, 61-67. doi:10.1016/S0031-9422(02)00714-8
- 2002**
- <21> Arnold, U., Zidorn, C., Ellmerer, E.P., Stuppner, H.*, 2002. Iridoid and phenolic glycosides from *Wulfenia carinthiaca*. *Z. Naturforsch.* 57c, 969-975. <http://www.znaturforsch.com/ac/v57c/s57c0969.pdf>
- <20> Zidorn, C.*, Perry, N.B., 2002. A chemosystematically significant 6,8,11-trihydroxygermacrane derivative from the New Zealand Apiaceae *Anisotome pilifera*. *Biochem. Syst. Ecol.* 30, 1055-1063. doi:10.1016/S0305-1978(02)00047-9
- <19> Zidorn, C.*, Spitaler, R., Ellmerer-Müller, E.P., Perry, N. B., Gerhäuser, C., Stuppner, H., 2002. Structure of tyrolobibenzyl D and biological activity of tyrolobibenzyls from *Scorzonera humilis*. *Z. Naturforsch.* 57c, 614-619. doi:10.1016/j.znaturforsch.com/ac/v57c/s57c0614.pdf
- <18> Spitaler, R., Ellmerer-Müller, E.P., Zidorn, C.*, Stuppner, H., 2002. Phenylpropanoids and polyacetyles from *Ligusticum mutellina* (Apiaceae) of Tyrolean origin. *Sci. Pharm.* 70, 101-109.
- <17> Zidorn, C.*, Gottschlich, G., Stuppner, H., 2002. Chemosystematic investigations on phenolics from flowerheads of Central European taxa of *Hieracium* (Asteraceae). *Plant Syst. Evol.* 231, 39-58. doi: 10.1007/s006060200010

- <16> Zidorn, C.*, Sturm, S., Dawson, J.W., van Klink, J.W., Stuppner, H., Perry, N.B., 2002. Chemosystematic investigations of irregular diterpenes in *Anisotome* and related New Zealand Apiaceae. *Phytochemistry* 59, 293-304. doi: 10.1016/S0031-9422(01)00472-1
- 2001**
- <15> Zidorn, C.*, Perry, N.B., 2001. Chemistry of New Zealand Apiaceae: a rare phenylpropanoid and three new germacrene derivatives from *Anisotome lyallii*. *Z. Naturforsch.* 56c, 951-956. http://zfn.mpd.l.mpg.de/data/Reihe_C/56/ZNC-2001-56c-0951.pdf
- <14> Zidorn, C.*, Ellmerer-Müller, E.P., Dobner, M.J., Stuppner, H., 2001. A highly substituted germacranolide from *Leontodon cichoraceus*. *Z. Naturforsch.* 56c, 904-908. <http://www.znaturforsch.com/ac/v56c/s56c0904.pdf>
- <13> Zidorn, C., Ellmerer-Müller E. P., Stuppner H.*, 2001. A germacranolide and three hydroxybenzylalcohol derivatives from *Hieracium murorum* and *Crepis bocconi*. *Phytochem. Analysis* 12, 281-285. doi:10.1002/pca.585
- <12> Zidorn, C.*, Stuppner, H., 2001. Chemosystematics of taxa from the *Leontodon* section *Oporinia*. *Biochem. Syst. Ecol.* 29, 827-837. doi: 10.1016/S0305-1978(01)00019-9
- <11> Perry, N. B., Span, E. M., Zidorn, C.*, 2001. Aciphyllal - a C₃₄-polyacetylene from *Aciphylla scott-thomsonii* (Apiaceae). *Tetrahedron Lett.* 42, 4325-4328. doi:10.1016/S0040-4039(01)00720-1
- <10> Zidorn, C.*, Ellmerer-Müller E.P., Stuppner H. 2001. On the occurrence of glucozaluzanin C in *Leontodon cichoraceus* and its chemotaxonomic significance. *Biochem. Syst. Ecol.* 29, 545-547. doi:10.1016/S0305-1978(00)00088-0
- <9> Zidorn, C.*, Stuppner, H., 2001. Evaluation of chemosystematic characters in the genus *Leontodon*. *Taxon* 50, 115-133. [Stable URL: http://www.jstor.org/stable/1224515](http://www.jstor.org/stable/1224515)
- 2000**
- <8> Zidorn, C., Ellmerer-Müller, E.P., Stuppner, H.*, 2000. Tyrolobibenzyls - novel secondary metabolites from *Scorzonera humilis*. *Helv. Chim. Acta* 83, 2920-2925. doi:10.1002/1522-2675(20001108)83:113.0.CO;2-5
- <7> Zidorn, C., Ellmerer-Müller, E.P., Stuppner, H.*, 2000. Sesquiterpenoids from *Scorzonera hispanica*. *Pharmazie* 55, 550-551.
- <6> Zidorn, C.*, Ellmerer-Müller, E.P., Ongania, K.-H., Sturm, S., Stuppner, H., 2000. New taxonomically significant sesquiterpenoids from *Leontodon autumnalis*. *J. Nat. Prod.* 63, 812-816. doi:10.1021/np990554j
- 1999**
- <5> Zidorn, C., Dirsch, V., Rüngeler, P., Sosa, S., Della Loggia, R., Merfort, I., Pahl, H.L., Vollmar, A., Stuppner, H.*, 1999. Anti-inflammatory activities of hypocretenolides from *Leontodon hispidus*. *Planta Medica* 65, 704-708. doi:10.1055/s-1999-14046
- <4> Zidorn, C., Stuppner, H.*, Tiefenthaler, M., Konwalinka, G., 1999. Cytotoxic activities of hypocretenolides from *Leontodon hispidus*. *J. Nat. Prod.* 62, 984-987; Erratum 1999: *J. Nat. Prod.* 62, 1594. doi:10.1021/np990058v
- <3> Zidorn, C., Ellmerer-Müller, E.P., Stuppner, H.*, 1999. Eudesmanolides and inositol derivatives from *Taraxacum linearisquameum*. *Phytochemistry* 51, 991-994. doi:10.1016/S0031-9422(99)00163-6; Erratum 2000: *Phytochemistry* 53, 317. doi:10.1016/S0031-9422(99)00501-4; Erratum 2000: *Phytochemistry* 54, 349. doi:10.1016/S0031-9422(00)00052-2
- <2> Zidorn, C., Ellmerer-Müller, E.P., Stuppner, H.*, 1999. Guaianolides from *Calycocorsus stipitatus* and *Crepis tingitana*. *Phytochemistry* 50, 1061-1062. doi:10.1016/S0031-9422(98)00637-2
- 1998**
- <1> Zidorn, C., Ellmerer-Müller, E.P., Stuppner, H.*, 1998. Guaian-5,12-olides from *Leontodon hispidus*. *Phytochemistry* 49, 797-800. doi:10.1016/S0031-9422(97)01031-5

Book Chapters/Buchkapitel

- <13> Zidorn, C. (submitted). *Leontodon* & *Scorzoneroides*. In: Fleischmann A., Meierott, L. (Eds.): *Neue Flora von Bayern*. Bayerische Botanische Gesellschaft, München (manuscript submitted 19.01.2020; final publication planned for 12/2023).
- <12> Zidorn, C., 2019. *Scorzoneroides*. In: Pignatti, S. (Ed.): *Flora d'Italia*. Vol. 4; 2nd Ed. Edagricole, Bologna, pp. 901-902.
- <11> Zidorn, C., 2019. *Leontodon*. In: Pignatti, S. (Ed.): *Flora d'Italia*. Vol. 4; 2nd Ed. Edagricole, Bologna, pp. 899-901.
- <10> Zidorn, C., 2018. *Scorzoneroides*. In: Pignatti, S. (Ed.): *Flora d'Italia*. Vol. 3; 2nd Ed. Edagricole, Bologna, pp. 1070-1072.
- <9> Zidorn, C., 2018. *Leontodon*. In: Pignatti, S. (Ed.): *Flora d'Italia*. Vol. 3; 2nd Ed. Edagricole, Bologna, pp. 1063-1070.
- <8> Zidorn, C., 2013. Contributions to the genera *Leontodon* and *Scorzoneroides* and selected locations for rare species in North Rhine-Westphalia. In: Bettinger, A., Buttler, K. P., Caspari, S., Klotz, J., May, R., Metzger, D. (Eds.) (2013): *Verbreitungsatlas der Farn- und Blütenpflanzen Deutschlands*. Bundesamt für Naturschutz, Bonn, 912 pp.
- <7> Spitaler, R., Zidorn, C., 2010. HPLC in Chemosystematics. In: Waksmundzka-Hajnos, M., Sherma, J. (Eds.): *High Performance Liquid Chromatography in Phytochemical Analysis*. Taylor & Francis, Boca Raton, pp. 63-88.
- <6> Zidorn, C., 2009. Heilpflanzen in den Alpen. In: Hofer, R. (Ed.): *Die Alpen*. Innsbruck University Press, Innsbruck, pp. 79-84.
- <5> Zidorn, C., 2008. *Scorzoneroides*. In: Fischer, M. A., Adler, W., Oswald, K.: *Exkursionsflora für Österreich, Liechtenstein und Südtirol*. 3. Auflage. Oberösterreichisches Landesmuseum, Linz, pp. 956-957.
- <4> Zidorn, C., 2008. *Leontodon*. In: Fischer, M. A., Adler, W., Oswald, K.: *Exkursionsflora für Österreich, Liechtenstein und Südtirol*. 3. Auflage. Oberösterreichisches Landesmuseum, Linz, pp. 954-955.
- <3> Zidorn, C., 2008. Plant Chemosystematics. In: Waksmundzka-Hajnos, M., Sherma, J., Kowalska, T. (Eds.): *Thin Layer Chromatography in Phytochemistry*. Taylor & Francis, Boca Raton, pp. 77-101.
- <2> Zidorn, C., 2005. *Scorzoneroides*. In: Fischer, M. A., Adler, W., Oswald, K.: *Exkursionsflora für Österreich, Liechtenstein und Südtirol*. 2. Auflage. Oberösterreichisches Landesmuseum, Linz, pp. 941-942.
- <1> Zidorn, C., 2005. *Leontodon*. In: Fischer, M. A., Adler, W., Oswald, K.: *Exkursionsflora für Österreich, Liechtenstein und Südtirol*. 2. Auflage. Oberösterreichisches Landesmuseum, Linz, pp. 939-940.

2023

<25> Zidorn, C.*, Gottschlich, G.*, 2023. *Hieracium chondrillifolium* Fr. subsp. *boissieri* (A.Huet ex Arv.-Touv.) Zahn (Asteraceae). In Bartolucci, F., Domina, G., Adorni, M., Bacchetta, G., Bajona, E., Banfi, E., Barbadoro, F., Biscotti, N., Bonini, F., Bonsanto, D., Conti, F., Da Pozzo, M., Dagnino, D., De Fine, G., Del Guacchio, E., Forte, L., Gigante, D., Di Gristina, E., Galasso, G., Ghillani, L., Gottschlich, G., Gubellini, L., Laface, V.L.A., Lasen, C., Lonati, M., Mainetti, A., Mascia, F., Mazzacuva, G., Musarella, C.M., Orsenigo, S., Passalacqua, N.G., Paziienza, G., Rodi, E.S., Santi, F., Sáez, L., Selvaggi, A., Tomaselli, V., Torino, L., Zidorn, C. Lastrucci, L. Notulae to the Italian native vascular flora: 15. Italian Botanist 15, 91-109 (96-97).

2022

<24> Zidorn, C.*, 2022. Floristische Notizen aus Schleswig-Holstein. – [Floristic notes from Schleswig-Holstein]. Kiel. Not. Pflanzenkd. 46, 133-146.

<23> Gottschlich, G.*, Zidorn, C.*, 2022. Erstnachweise und Neubestätigungen von *Hieracium-IPilosella*-Sippen für Schleswig-Holstein. – [First records and confirmations of *Hieracium-IPilosella*-taxa for Schleswig-Holstein]. Kiel. Not. Pflanzenkd. 46, 7-26.

2016

<22> Zidorn, C.*, 2016. Floristische Notizen aus Südtirol (2). – [Floristic notes from South Tyrol (2)]. Gredleriana 16, 63-66.

<21> Kniely, G., Zidorn, C., 2016. (219) *Polycarpon tetraphyllum* (Caryophyllaceae). Neilreichia 8, 218-219. In Niklfeld, H.: Floristische Neufunde (170-235). Neilreichia 8, 181-238.

2010

<20> Zidorn, C.*, 2010. *Cochlearia danica* L. an Autobahnen auf der Schwäbischen Alb und in Bayrisch-Schwaben. [*Cochlearia danica* L. on highways at the Swabian Highlands und in the Bavarian region of Swabia.] – Ber. Bayer. Bot. Ges. 80, 174-176. http://www.bbgev.de/berichte/band_080.html

<19> Zidorn, C.*, 2010. Erstfund von *Catapodium rigidum* (L.) C.E.Hubb. im Saarland. [First record of *Catapodium rigidum* (L.) C.E.Hubb. in the Saarland.] Decheniana 163, 17-18. <http://www.naturhistorischerverein.de/decheniana/Decheniana-163-2010.pdf>

<18> Zidorn, C.*, 2010. Floristische Notizen aus Osttirol 3. – [Floristic notes from East Tyrol (3)]. Ber. nat.-med. Verein Innsbruck 96, 59-71. http://www.landesmuseum.at/biophp/de/band_det.php?litnr=31245

2009

<17> Zidorn, C.*, 2009. *Ranunculus parnassifolius* L. subsp. *heterocarpus* Küpfer Wiederfund für Osttirol und weitere bemerkenswerte Funde – Floristische Notizen aus Osttirol 4. [*Ranunculus parnassifolius* L. subsp. *heterocarpus* Küpfer rediscovered in East Tyrol and other remarkable records – Floristic notes from East Tyrol 4.] – Gredleriana 9, 97-104. http://www.landesmuseum.at/pdf_frei_remote/Gredleriana_009_0097-0104.pdf

<16> Çiçek, S.S., Zidorn, C.*, 2009. *Geranium rotundifolium* in Innsbruck-Hötting. Wiederentdeckung einer in Nordtirol vermeintlich ausgestorbenen Art. [*Geranium rotundifolium* in Innsbruck-Hötting. Rediscovery of a species deemed extinct in North-Tyrol.] Ber. nat.-med. Verein Innsbruck 95, 49-52. http://www.landesmuseum.at/pdf_frei_remote/BERI_95_0049-0052.pdf

2008

<15> Spitaler, R., Zidorn, C., 2008. (77) *Androsace septentrionalis* (Primulaceae). Neilreichia 5, 266 In Fischer, M. A., Niklfeld, H.: Floristische Neufunde (76-98). Neilreichia 5, 263-288. http://www.landesmuseum.at/pdf_frei_remote/NEIL_5_0263-0288.pdf

<14> Zidorn, C.*, 2008. *Veronica arguteserrata* in Innsbruck – Erstnachweis für Österreich. – [*Veronica arguteserrata* in Innsbruck – First record for Austria.] Neilreichia 5, 199-202. http://www.landesmuseum.at/pdf_frei_remote/NEIL_5_0199-0202.pdf

2007

<13> Spitaler, R.*, Zidorn, C.*, 2007. Floristische Notizen aus Osttirol 2. – [Floristic notes from East Tyrol (2)]. Ber. nat.-med. Verein Innsbruck 94, 57-61. http://www.landesmuseum.at/pdf_frei_remote/BERI_94_0057-0061.pdf

<12> Zidorn, C.*, 2007. Floristische Notizen aus Osttirol 1. – [Floristic notes from East Tyrol (1)]. Ber. nat.-med. Verein Innsbruck 94, 51-55. http://www.landesmuseum.at/pdf_frei_remote/BERI_94_0051-0055.pdf

<11> Spitaler, R.*, Zidorn, C.*, 2007. Floristische Notizen aus Südtirol (1). – [Floristic notes from Southern Tyrol (1)]. Gredleriana 7, 91-97. http://www.naturmuseum.it/scripts/redas/includes/reso/publ_getreso.asp?pres_ID=98847

<10> Zidorn, C.*, 2007. Die Flora des Messtischblattes Aachen (5202) – Eine Rasterkartierung auf Basis des Gauß-Krüger-Gitternetzes (1 km²-Kartierungsfelder). [The flora of the topographic map Aachen (5202). A mapping project based on the Gauß-Krüger-Grid (1-km²-plots).] Decheniana 160, 33-58. <http://www.naturhistorischerverein.de/decheniana160.html>

2006

<9> Zidorn, C.*, Spitaler, R.*, 2006. *Gagea minima* bei Fieberbrunn (Nordtirol). Wiederfund eines in Nordtirol für ausgestorben gehaltenen Geophyten. – [*Gagea minima* near Fieberbrunn (North-Tyrol). Rediscovery of a geophyt, which was deemed extinct in the North-Tyrol.] Ber. nat.-med. Verein Innsbruck 93, 39-42. http://www.landesmuseum.at/pdf_frei_remote/BERI_93_0039-0042.pdf

<8> Zidorn, C., 2006. *Dipsacus pilosus* (syn.: *Cephalaria pilosa*, *Virga pilosa*). In Fischer, M. A., Niklfeld, H.: Floristische Neufunde (74-75). Neilreichia 4, 243-245. http://www.landesmuseum.at/pdf_frei_remote/NEIL_4_0243-0245.pdf

2005

<7> Spitaler, R.*, Zidorn, C.*, 2005. Erstnachweis von *Polycarpon tetraphyllum* in Nordtirol (Caryophyllaceae). – [First record of *Polycarpon tetraphyllum* in Northern Tyrol (Caryophyllaceae).] Ber. nat.-med. Verein Innsbruck 92, 41-43. http://www.landesmuseum.at/pdf_frei_remote/BERI_92_0041-0043.pdf

2003

<6> Zidorn, C.*, 2003. Bemerkenswerte Gefäßpflanzenfunde in Nordtirol, Südtirol und Vorarlberg. [Remarkable discoveries of vascular plants in Northern Tyrol, Southern Tyrol, and Vorarlberg.] Ber. nat.-med. Verein Innsbruck 90, 127-134. http://www.landesmuseum.at/pdf_frei_remote/BERI_90_0127-0134.pdf

2001

<5> Spitaler, R., Lüth, C., Zidorn, C.*, 2001. Neue Erkenntnisse zu den *Dactylis* Populationen der Kalkfelsen des mittleren Inn Tales. – [New findings about the *Dactylis* populations from limestone rocks in the Central Inn valley.] Ber. nat.-med. Verein Innsbruck 88, 107-112. http://www.landmuseum.at/pdf_frei_remote/BERI_88_0107-0112.pdf

1999

<4> Zidorn, C.*, Dobner, M.*, 1999. Beitrag zur Ruderalflora der Bahnhöfe in Nordtirol. – [Contribution to the ruderal flora of Northern Tyrolean railroad stations.] Ber. nat.-med. Verein Innsbruck 86, 89-93. http://www.landmuseum.at/pdf_frei_remote/BERI_86_0089-0093.pdf

<3> Zidorn, C.*, Zidorn, A., Stuppner, H., 1999. *Crepis rhaetica* Hegetschw. – Vorkommen in Nordtirol und phytochemische Charakterisierung. – [About the occurrence of *Crepis rhaetica* Hegetschw. in Northern Tyrol and its phytochemical characterization.] Veröff. Tiroler Landesmus. Ferdinandeum 79, 173-180.

1998

<2> Zidorn, C.*, 1998. *Dactylis hispanica* Roth eine bislang in Österreich übersehene Art der Poaceae. [*Dactylis hispanica* Roth, a Poaceae so far not noticed in Austria.] Ber. nat.-med. Verein Innsbruck 85, 53-56. http://www.landmuseum.at/pdf_frei_remote/BERI_85_0053-0056.pdf

1996

<1> Zidorn, C.*, 1996. Erstrnachweis von *Utricularia stygia* Thor in Österreich. [First record of *Utricularia stygia* Thor in Austria.] Ber. nat.-med. Verein Innsbruck 83, 331-334. http://www.landmuseum.at/pdf_frei_remote/BERI_83_0331-0334.pdf

Other Publications/Sonstige Veröffentlichungen

<2> Zidorn, C., Rollinger, J., Stuppner, H., 2006. Phytoforschung in Österreich - Bioaktive Naturstoffe. Foliaca 10, 10-11.

<1> Zidorn, C., Henck, J.-O., 1998. Phytoforschung in Österreich – Institut für Pharmakognosie Innsbruck. Foliaca 2, 12-13.

Book Reviews/Buchbesprechungen

<3> Zidorn C., 2006. Schmid, M.: Morphologie, Vergesellschaftung, Ökologie, Verbreitung und Gefährdung der Sumpf-Löwenzähne (*Taraxacum* sect. *Palustris* Dahlst., Asteraceae) Süddeutschlands [Bibliotheca Botanica Heft 155]. E. Schweizerbart'sche Verlagsbuchhandlung Stuttgart, 2003. Ber. nat.-med. Verein Innsbruck 93, 260-261.

<2> Zidorn C., 2004. Schäfer, H.: Flora of the Azores. Margraf Verlag Weikersheim, 2002. Ber. nat.-med. Verein Innsbruck 91, 349.

<1> Zidorn C., 2004. Wägele, J.-W.: Grundlagen der Phylogenetischen Systematik. 2. Aufl. F. Pfeil München, 2001. Ber. nat.-med. Verein Innsbruck 91, 346-347.

Congress Contributions/Kongressbeiträge (presenting author underlined)

2023

<73> Zidorn, C., 2023. Chemophenetics of the Cichorieae (Asteraceae). Invited opening e-lecture at the 1st International conference: Plant Research: from Phytochemistry to Phytoactivity in Kaunas/Lithuania (21.04.2023). Book of abstracts, p. 63.

2022

<72> Szymer, K.D., Sobiecka, A., Galarza Pérez, M., Junka, A., Krzyżek, P., Kozłowska, W., Zidorn, C., Matkowski, A., Zielińska, S., 2022. *In vivo* & *in vitro*-derived *Corydalis cheilanthifolia* – a powerful tool against multi-drug resistant human pathogens. Poster presentation at the PSE Meeting 2022 in Iasi/Romania (presented 19.-21.09.2022).

<71> Zidorn, C., 2022. Natural products from seagrasses (Alismatales): Chemical diversity, bioactivity, and ecological function. Invited lecture at the conference Synthesis and Analysis of Drugs 2022 in Brno/Czech Republic (09.09.2022).

2021

<70> Zidorn, C., 2021. Excursion planning, a virtual field trip, and some notes on the proper characterisation and documentation of plant collections for phytochemical and phytopharmacological studies. Invited lecture at the 4th International Summer School on Natural Products (eISSNP 2021) in Naples/Italy (06.07.2021).

<69> Zidorn, C., 2021. Plant chemophenetic studies from Asteraceae to Zosteraceae. Invited plenary e-lecture at the International Symposium on Pharmaceutical Sciences 13 in Ankara/Turkey (23.06.2021). <https://http://isops-ankara.org/christian-zidorn/>

<68> Zidorn, C., 2021. Plant chemophenetic studies from Asteraceae to Zosteraceae. Invited plenary opening lecture at the eNordic Natural Products Conference (07.06.2021). <https://www.mn.uio.no/farmasi/english/research/news-and-events/events/conferences/innpc-2021/>

2020

<67> Zidorn, C., 2020. Plant chemophenetics: recent examples from land and sea. Invited plenary lecture at the PSE e-congress "Plant derived Natural Products as Pharmacological and Neutraceutical Tools" (22.09.2020). Book of abstracts, PL-3.

2019

- <66> Shulha, O., Çiçek, S.S., Piccolella, S., Rárová, L., Strnad, M., Pacifico, S., Zidorn, C., 2019. Sesquiterpene lactones from *Sonchus palustris* L. (Cichorieae, Asteraceae). Invited plenary lecture at the 7th Congress of Pharmacy with International Participation organized by the Bulgarian Scientific Pharmaceutical Society in Borovets/Bulgaria (23.11.2019). Book of abstracts, p. 72.
- <65> Zielińska, S., Wójciak-Kosior, M., Sowa, I., Dziągwa-Becker, M., Kucharski, M., Gleńsk, M., Włodarczyk, M., Fijałkowski, K., Rurańska-Smutnicka, D., Junka, A., Smakosz, A., Krężel, S., Zidorn, C., Çiçek, S.S., Matkowski, A., 2019. The role of isoquinoline alkaloids and extracts from *Chelidonium maius* in the fight against pathogenic bacteria and *Candida* sp. Poster presentation at the 6th Plant the Source of Research Material Conference in Nałęczów/Poland (12.09.2019). Book of abstracts, p. 135, P-81.
- <64> Zidorn, C., 2019. Chemophenetics of the Cichorieae (Asteraceae). Invited opening lecture at the 6th Plant the Source of Research Material in Nałęczów/Poland (11.09.2019). Book of abstracts, p. 44, O-27.
- <63> Zielińska, S., Junka, A., Wójciak-Kosior, M., Sowa, I., Zidorn, C., Çiçek, S.S., Dziągwa-Becker, M., Płachno, B., Smakosz, A., Włodarczyk, M., Matkowski, A., 2019. The relevance of alkaloid proportions in *Chelidonium maius* extracts. Poster presentation at the 67th annual congress of the Society for Medicinal Plant Research (GA) in September 2019 in Innsbruck (04.09.2019). P-395
- <62> Zidorn, C., 2019. Phytochemistry - Before the lab work can start: Proper documentation of plant source materials as a prerequisite for reproducible studies in phytochemistry and phytopharmacology. Invited lecture at the 3rd International Summer School on Natural Products (ISSNP 2019) in Naples/Italy (04.07.2019).
- <61> Zidorn, C., 2019. Phytochemistry - Before the lab work can start: Proper documentation of plant source materials as a prerequisite for reproducible studies in phytochemistry and phytopharmacology. Invited lecture at the international conference "Contemporary Pharmacy: Issues, Challenges, and Expectation", Pharmacy Faculty, Lithuanian University of Health Sciences in Kaunas/Lithuania (03.05.2019).
- 2018**
- <60> Zidorn, C., 2018. Chemosystematics and chemical ecology: Tools in the rational search for bioactive natural products. Oral presentation at the PSE meeting on "Natural Products in Cancer Prevention and Therapy" in Naples/Italy (04.09.2018).
- <59> Zidorn, C., 2018. Chemosystematics of the Cichorieae tribe of the Asteraceae family. Oral presentation at the 10th Conference of the Association for Medicinal and Aromatic Plants of Southeast European Countries (CAMAPSEEC) in Split/Croatia in May 2018 (21.05.2018). Book of abstracts p. 36.
- 2017**
- <58> Zidorn, C., 2017. Kiel Pharmacognosy Group. Oral presentation at the First Kiel Plant Science Meeting within "Kiel Life Science" in Kiel/Germany (18.12.2017).
- <57> Scharenberg, F., Çiçek, S.S., Zidorn, C., 2017. Sequestration of alkaloids by the parasite *Orobancha ramosa* from its host *Nicotiana glauca*. Poster presentation at the Retreat 2017 of the Interdisciplinary Facility "Kiel Life Science" in Schleswig/Germany (16.11.2017).
- <56> Çiçek, S.S., Vitalini, S., Zidorn, C., 2017. Natural phenyldihydroisocoumarins: sources, chemistry and bioactivity. Poster presentation at the Retreat 2017 of the Interdisciplinary Facility "Kiel Life Science" in Schleswig/Germany (16.11.2017).
- <55> Zidorn, C., 2017. Chemosystematics and chemical ecology: important tools in the rational search for bioactive natural products. Invited Lecture at the DPhG annual meeting 2017 in Saarbrücken/Germany (27.09.2017).
- <54> Zidorn, C., 2017. Seasonal, geographical, and ecological variation of bioactive natural products. Invited Plenary Lecture at the International PSE Symposium "New & Old Phytochemicals: Their Role in Ecology, Veterinary & Welfare" in Chieti/Italy (17.09.2017).
- <53> Zidorn, C., 2017. Chemosystematics and chemical ecology: important tools in the rational search for bioactive natural products. Invited Lecture at the 9th German-Polish Symposium in Krakow/Poland (26.05.2017).
- <52> Vicedo, J.J., Mateo, G., Zidorn, C., 2017. Taxonomical, phytochemical and ecological analysis of the Iberian diversity of *Hieracium* L. and *Pilosella* Hill.: an outline on the integrated biotechnological strategy for ex situ conservation and further revalorisation, pp. 14-18; in: International Scientific and Practical Conference "Education and Science for Sustainable Development", University of Chemical Technology D.I. Mendeleev, Moscow 18.-20. April, 2017, 36 pp. ISBN 978-5-7237-1476-2.
- 2016**
- <51> Zidorn, C., 2016. Chemosystematics as a tool for rational search of bioactive natural products. Poster presentation at the Retreat 2016 of the Interdisciplinary Facility "Kiel Life Science" in Schleswig/Germany (17.11.2016).
- <50> Zidorn, C., 2016. Secondary metabolites of seagrasses: Chemical diversity, bioactivity, and ecology. Poster presentation at the Retreat 2016 of the Cluster of Excellence "The Future Ocean" in Schleswig/Germany (10.10.2016).
- <49> Zidorn, C., 2016. What are the minimum requirements with regards to botany to guarantee reproducible studies in plant natural products chemistry and related sciences? Invited plenary lecture at the 2nd Young Scientists Symposium "Plants in Pharmacy & Nutrition" in Wrocław/Poland (15.09.2016).
- 2015**
- <48> Zidorn, C., 2015. Stilbenoids and other natural products from *Scorzonera* and *Tragopogon* (Asteraceae, Lactuceae). Invited opening lecture at the 4th Plant Research Material Conference in Lublin/Poland (21.09.2015). Book of abstracts p. 45.
- <47> Szewczyk, K., Zidorn, C., Bogucka-Kocka, A., Granica, S., 2015. Polyphenolic profile of *Impatiens* aerial parts extracts. Poster presentation at the 4th Plant Research Material Conference in Lublin/Poland (21.09.2015). Book of abstracts p. 196.
- <46> Granica, S., Fusani, P., Zidorn, C., Piwowarski, J.P., Kiss, A.K., 2015. Isolation and identification of monoterpenoids from *Aruncus dioicus* (Walter) Fernald. Poster presentation at the 4th Plant Research Material Conference in Lublin/Poland (21.09.2015). Book of abstracts p. 118.
- <45> Granica, S., Piwowarski, J.P., Randazzo, A., Schneider, P., Żyżyńska-Granica, B., Zidorn, C., 2015. Anti-inflammatory stilbenoids and cannabispiradienone derivatives from *Tragopogon tommasinii* Sch.Bip. Oral presentation at the 63rd annual congress of the Society for Medicinal Plant Research (GA) in August 2015 in Budapest. (25.08.2015).

<44> Zidorn, C., 2015. Natural products from seagrasses. Invited Plenary Lecture at the 38th Symposium Chromatographic Methods of Investigating Organic Compounds in Szczyrk/Poland (28.05.2015).

2014

<43> Zidorn, C., 2014. Bioactive Natural Compounds in Vegetables: *Scorzonera hispanica* L. (black salsify) and Apiaceae Vegetables Carrot, Celery, Fennel, Parsley, and Parsnip. Invited Plenary Lecture at the 37th Symposium Chromatographic Methods of Investigating Organic Compounds in Szczyrk/Poland (12.06.2014).

<42> Granica, S., Lohwasser, U., Jöhrer, K., Zidorn, C., 2014. Phytochemical investigations and bioactivity of *Scorzonera hispanica* L. (black salsify). Lecture at Plants in Pharmacy & Nutrition 2014 – The International Young Scientists Symposium in Wrocław/Poland (30.05.2014).

2013

<41> Zidorn, C., 2013. Altitudinal variations of plant secondary metabolites. Invited Plenary Lecture at the 3rd Plant Research Material Conference in Lublin/Poland (16.10.2013).

<40> Zidorn, C., 2013. High performance liquid chromatography as an indispensable tool in plant chemosystematics and chemical ecology. Invited Plenary Lecture at the 36th Symposium Chromatographic Methods of Investigating Organic Compounds in Szczyrk/Poland (06.06.2013).

2012

<39> Zidorn, C., 2012. The suitability of various classes of natural products as chemosystematic markers: Case studies from the Cichorieae and Gnaphalieae (both Asteraceae). Invited Plenary Lecture at the 2nd Plant Research Material Conference in Lublin/Poland (18.10.2012).

2011

<38> Zidorn, C., 2011. The suitability of various classes of natural products as chemosystematic markers: Case studies from the Cichorieae and Gnaphalieae (both Asteraceae). Invited Symposium Lecture at the XVIII International Botanical Congress IBC2011 in Melbourne/Australia (not presented for private reasons).

2010

<37> Jöhrer, K., Obkircher, M., Neureiter, D., Parteli, J., Hamacher, F., Merkel, O., Wacht, N., Zidorn, C., Scheideler, M., Greil, R., 2010. Targeting Pim-2, a novel survival protein of myeloma cells, kills malignant plasma cells. – Oral presentation at the Jahrestagung der Deutschen, Österreichischen und Schweizerischen Gesellschaften für Hämatologie und Onkologie. Berlin, 1.–5. Oktober 2010, Abstract published in *Onkologie* **33** S6, 187-188.

<36> Zidorn, C., 2010. Altitudinal variation of secondary metabolites on flowering heads of the Asteraceae: trends and causes. Invited Lecture presented at the workshop Plant Research in the Light of Climate Change in München/Germany in April 2010 (15.04.2010).

2009

<35> Zidorn, C., 2009. Naturstoffforschung und Floristik in Tirol. Plenary Lecture presented at the Rheinischer Floristentag in Bonn/Germany (12.12.2009).

<34> Zidorn, C., 2009. Chemical systematics and chemical ecology of Compositae from the Alps and the Mediterranean. Plenary Lecture presented at the joint ÖPhG and PSE meeting Plants from High Altitude – Phytochemistry in Obergurgl/Austria in April 2009 (27.04.2009).

2008

<33> Sareedenchai, V., Ganzera, M., Ellmerer, E.-P., Stuppner, H., Zidorn, C., 2008. Chemical constituents of *Tragopogon porrifolius* L. Poster presentation at the PSE Young Researchers Meeting in Bad Herrenalb/Germany in March 2008.

2007

<32> Zidorn, C., 2007. The Scorzonerinae subtribe of the Asteraceae family: A rich source of stilbenoids. Short Lecture at Materia Medica Linnaeus and Medicinal Products in Uppsala/Sweden in September 2007. Abstract SL02, p. 24 (also presented at the 4th CMBI Meeting in Igls/Austria in October 2007, Book of Abstracts, p. 17).

2006

<31> Zidorn, C., 2006. Altitudinal variation in plant secondary metabolites, recent results from the Asteraceae family. Oral presentation at the 54th annual congress of the Society for Medicinal Plant Research (GA) in August 2006 in Helsinki. *Planta Med.* **72** (2006), 980, S 052.

<30> Spitaler, R., Stuppner, H., Zidorn, C., 2006. Altitudinal variation of secondary metabolite profiles in flowering heads of *Arnica montana*. Lecture at the 4th Conference of the Association for Medicinal and Aromatic Plants of Southeast European Countries (CAMAPSEEC) in Iasi/Romania in May 2006, Book of Abstracts, p. 32.

2005

<29> Zidorn, C., Stuppner, H., 2005. Arzneipflanzenanbau als Beitrag zur nachhaltigen Nutzung des Alpenraumes. Poster at the 1st meeting of the Plattform Alpiner Raum in Obergurgl/Tyrol. Abstract not published.

<28> Grass, S., Zidorn, C., Ellmerer, E. P., Stuppner, H., 2005. Two new bibenzyl derivatives from *Tragopogon orientalis* L. and their radical scavenging activity. Poster at the 53rd annual congress of the Society for Medicinal Plant Research (GA) in Florence; Abstract Nr. P340, p. 281.

<27> Rollinger, J. M., Mock, P., Zidorn, C., Langer, T., Stuppner, H., 2005. Impact of computer-assisted methods on the discovery of non-alkaloid acetylcholinesterase inhibitors from *Cichorium intybus*. Poster at the 53rd annual congress of the Society for Medicinal Plant Research (GA) in Florence; Abstract Nr. P108, p. 164.

<26> Grass, S., Zidorn, C., Blattner, F.R., Stuppner, H., 2005. Comparative molecular and phytochemical investigation of Central European populations from *Leontodon autumnalis* (Lactuceae, Asteraceae). Poster at the 17th International Botanic Congress in Vienna; Abstract Nr. P2007, p. 554.

<25> Spitaler, R., Schlorhauser, P. D., Merfort, I., Bortenschlager, S., Ellmerer, E. P., Stuppner, H., Zidorn, C., 2005. Impact of elevated

UV-B radiation in high altitudes on secondary metabolite profiles in flowering heads of *Arnica montana*. Poster at the 17th International Botanic Congress in Vienna; Abstract Nr. P1805, p. 523.

<24> Zidorn, C., 2005. Sesquiterpenoids as chemosystematic markers in the subtribe Hypochaeridinae (Lactuceae, Asteraceae). Lecture at the 17th International Botanic Congress in Vienna; Abstract Nr. 2.12.7, p. 36-37.

2004

<23> Samuel, R., Stuessy, T., Gutermann, W., Zidorn, C., Hermanowski, B., Ehrendorfer, F., 2004. Molecular Phylogeny of the genus *Leontodon* (Asteraceae). Lecture at the 11th Österreichisches Botanikertreffen in Vienna.

<22> Samuel, R., Stuessy, T., Gutermann, W., Zidorn, C., Hermanowski, B., Ehrendorfer, F., 2004. Nuclear and plastid DNA sequences suggest generic separation of subgenus *Oporinia* from *Leontodon* (Asteraceae, Lactuceae). Lecture at the Botany 2004 in Salt Lake City; Abstract Nr. 169.

<21> Spitaler, R., Marschall, K., Zidorn, C., Kelderer, M., Zelger, R., Stuppner, H., 2004. Apple scab control with grape fruit seed extract: no alternative to chemical fungicides. Poster presentation at the 11th Ecofruit 2004 in Weinsberg. Proceedings to the Conference, p. 208-211.

2003

<20> Zidorn, C., Stuppner, H., 2003. Chemosystematic investigation of the genus *Leontodon* Lactuceae (Asteraceae). Lecture at the Chemosystematics and Ecology Meeting 2003 in Kew. Abstract not published.

<19> Spitaler, R., Ellmerer, E.P., Zidorn, C., Stuppner, H., 2003. A new eudesmane-type sesquiterpenoid from *Leontodon tuberosus* L. Poster presentation at the Chemosystematics and Ecology Meeting 2003 in Kew. Abstract not published.

<18> Grass, S., Ellmerer, E., Stuppner, H., Zidorn, C., 2003. Inhaltsstoffe von *Hieracium intybaceum*. Poster presentation at the 17th congress of the Austrian Pharmaceutical Society 2003 in Graz. Sci. Pharm. 71, S72.

2002

<17> Arnold, U., Zidorn, C., Ellmerer, E.P., Stuppner, H., 2002. Iridoid and phenolic glycosides from *Wulfenia carinthiaca*. Poster presentation at the 50th annual congress of the Society for Medicinal Plant Research (GA) 2002 in Barcelona. Revista Fitoter. 2, Suppl. 1, p. 261 (B094).

<16> Rollinger, J.M., Zidorn, C., Dobner, M. J., Ellmerer, E.P., Stuppner, H., 2002. Constituents of *Chaerophyllum aureum* and their antimicrobial activity. Poster presentation at the 50th annual congress of the Society for Medicinal Plant Research (GA) 2002 in Barcelona. Revista Fitoter. 2, Suppl. 1, p. 209 (A253).

2001

<15> Zidorn, C., van Klink, J.W., Perry, N.B., 2001. A new sesquiterpenoid from *Anisotome pilifera* and new irregular diterpenes from *A. flexuosa* and *A. haastii*. Poster presentation at the 49th annual congress of the Society for Medicinal Plant Research (GA) 2001 in Erlangen. Traits, Tracks and Traces. Book of Abstracts, p. 214-215.

<14> Span, E., Perry, N.B., Zidorn, C., 2001. Aciphyllal – a C₃₄-polyacetylene from *Aciphylla scott-thomsonii*. Poster presentation at the 49th annual congress of the Society for Medicinal Plant Research (GA) 2001 in Erlangen. Traits, Tracks and Traces. Book of Abstracts, p. 202-203.

2000

<13> Spitaler, R., Dobner, M., Zidorn, C., Stuppner, H., 2000. Volksmedizin in Südtirol als Grundlage für die wissenschaftliche Untersuchung von Heilpflanzen am Beispiel von *Ligusticum mutellina*. Poster presentation at the Tagung zur Forschung in Südtirol 2000 in Bozen. Abstract not published.

<12> Zidorn, C., Stütz, M., Ellmerer-Müller, E. P., Stuppner, H., 2000. Tyrolbibenzyls: novel secondary metabolites from *Scorzonera humilis*. Poster presentation at the 48th annual congress of the Society for Medicinal Plant Research (GA) 2000 in Zürich. Natural Products Research in the New Millennium. Book of Abstracts, P1A/38.

<11> Abberger, T., Bartsch, S. E., Zidorn, C., Burger, A., 2000. Increase of release of glibenclamide from tableted solid dispersion with granule size. Poster presentation at the 46th APV congress 2000 in Berlin. Proc. APV/APGI 3rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology 2000.

1999

<10> Zidorn, C., Ellmerer-Müller, E.P., Stuppner, H., 1999. Ein neues Sesquiterpenlacton vom Germacran-Typ aus *Hieracium murorum*. Poster presentation at the 15th congress of the Austrian Pharmaceutical Society 1999 in Innsbruck. Sci. Pharm. 67, S43.

<9> Zidorn, C., Stuppner, H. (1999): Chemotaxonomie Österreichischer Taxa der Gattung *Leontodon*. Short lecture at the 15th congress of the Austrian Pharmaceutical Society 1999 in Innsbruck. Sci. Pharm. 67, S17.

<8> Zidorn, C., Ellmerer-Müller, E. P., Stuppner, H., 1999. Sesquiterpenoids from *Leontodon autumnalis*. Poster presentation at the 47th annual congress of the Society for Medicinal Plant Research (GA) 1999 in Amsterdam. 2000 Years of Natural Products Research: Past, Present and Future. Book of Abstracts, 536.

<7> Zidorn, C., Stuppner, H., Tiefenthaler, M., Konwalinka, G., 1999. Cytotoxic activities of hypocretenolides from *Leontodon hispidus*. Poster presentation at the 47th annual congress of the Society for Medicinal Plant Research (GA) 1999 in Amsterdam. 2000 Years of Natural Products Research: Past, Present and Future. Book of Abstracts, 535.

<6> Zidorn, C., Dirsch, V. M., Rüngeler, P., Sosa, S., Della Loggia, R., Merfort, I., Pahl, H. L., Vollmar, A. M., Stuppner, H. (1999): Antiinflammatory activities of hypocretenolides from *Leontodon hispidus*. Poster presentation at the 47th annual congress of the Society for Medicinal Plant Research (GA) 1999 in Amsterdam. 2000 Years of Natural Products Research: Past, Present and Future. Book of Abstracts, 203.

<5> Zidorn, C., Ellmerer-Müller, E. P., Stuppner, H., 1999. Eudesmanolides and inositol derivatives from *Taraxacum linearisquameum*. Poster presentation at the 47th annual congress of the Society for Medicinal Plant Research (GA) 1999 in Amsterdam. 2000 Years of Natural Products Research: Past, Present and Future. Book of Abstracts, 202.

1998

- <4> Zidorn C., Stuppner H., 1998. Chemotaxonomy of Central European taxa of *Leontodon*. Poster presentation at the 46th annual congress of the Society for Medicinal Plant Research (GA) 1998 in Vienna. Quality of Medicinal Plants and Herbal Medicinal Products. Book of Abstracts, K26.
- <3> Zidorn C., Sturm S., Stuppner H., 1998. MEKC and HPLC analysis of phenolic constituents of different *Leontodon* taxa. Poster presentation at the 46th annual congress of the Society for Medicinal Plant Research (GA) 1998 in Vienna. Quality of Medicinal Plants and Herbal Medicinal Products. Book of Abstracts, E26.
- <2> Zidorn C., Ellmerer-Müller E.P., Pölzleitner C., Stuppner H., 1998. 6,12-Guaianolide aus *Calycocorsus stipitatus* und *Crepis tingitana*. Poster presentation at the 14th congress of the Austrian Pharmaceutical Society 1998 in Graz. Sci. Pharm. 66, S128.

1997

- <1> Zidorn C., Ellmerer-Müller E.P., Stuppner H., 1997. Guaian-5,12-olides from *Leontodon hispidus*. Poster presentation at the 45th annual congress of the Society for Medicinal Plant Research (GA) 1997 in Regensburg. Book of Abstracts, C40.

Lectures in the course of appointment procedures/Vorträge im Rahmen von Berufungsverfahren

- <08> Zidorn, C., 2019. Vizepräsident des Bundesinstitutes für Risikobewertung (B3). Bundesministerium für Ernährung und Landwirtschaft, Berlin, Germany (02.10.2019).
- <07> Zidorn, C., 2018. Ecological variation of bioactive natural products. Institute of Plant Ecology. University of Eastern Finland, Joensuu, Finland (19.03.2018).
- <06> Zidorn, C., 2015. Bioaktive Naturstoffe in Nutzpflanzen. Berufungsvortrag (B3), Institut für Sicherheit und Qualität bei Getreide, Max Rubner Institut, Detmold, Germany (24.07.2015).
- <05> Zidorn, C., 2015. Bioaktive Naturstoffe europäischer Taxa in Ökologie, Systematik und Pharmazie. Berufungsvortrag (W3), Institut für Pharmazie, Universität Greifswald, Germany (20.04.2015).
- <04> Zidorn, C., 2014. Bioaktive Naturstoffe in Systematik und chemischer Ökologie. Berufungsvortrag (W3), Institut für Pharmazie, Universität zu Kiel, Germany (10.11.2014).
- <03> Zidorn, C., 2013. Korrelieren die Höhenlage des Wuchsortes und der Sekundärstoffgehalt höherer Pflanzen? – Wenn ja, warum? Berufungsvortrag (W2), Fakultät für Biologie, Universität Darmstadt, Germany (12.11.2013).
- <02> Zidorn, C., 2011. Die Bedeutung des Arzneibuches für die Zulassung von Arzneimitteln. Bewerbungsvortrag für die Position des Leiters des Bereiches Arzneibuch (B2), Bundesinstitut für Arzneimittel und Medizinprodukte, Bonn, Germany, (27.06.2011).
- <01> Zidorn, C., 2008. Bioaktive pflanzliche Sekundärmetabolite in Systematik und Ökologie. Berufungsvortrag (W3), Institut für Botanik, Universität Duisburg-Essen, Essen, Germany (11.03.2008).

Other Invited Lectures/Andere eingeladene Vorträge

2016-today

- <27> Zidorn, C., 2021. Seasonal, geographical, and ecological variation of bioactive natural products. Invited e-lecture at the University of Brno/Czech Republic (08.12.2021).
- <26> Zidorn, C., 2019. Plant chemophenetics: Chemophenetics of the Cichorieae (Asteraceae). Presentation in the course of the Kiel Plant Center Mini-Symposia, Kiel/Germany (07.11.2019).
- <25> Zidorn, C., 2018. Gehalte bioaktiver pflanzlicher Naturstoffe in Abhängigkeit von saisonalen und ökologischen Faktoren. [Dependance of the contents of bioactive natural products on seasonal and ecological factors.] DPhG Lecture at the Institute of Pharmacy, University of Münster in Münster/Germany (15.05.2018).
- <24> Zidorn, C., 2017. Seasonal, geographical, and ecological variation of bioactive natural products. Guest Lecture at the School of Pharmacy, University of Oslo in Oslo/Norway (22.11.2017).
- <23> Zidorn, C., 2017. Pharmazeutische Naturstoffforschung in Deutschland: gestern, heute und morgen? Antrittsvorlesung Universität zu Kiel (29.05.2017).
- <22> Zidorn, C., 2016. Chemosystematics of seagrasses and of selected taxa of higher land plants. PhD Student Seminar at the Università degli Studi di Chieti e Pescara, Chieti/Italy (02.03.2016).
- <21> Zidorn, C., 2016. Chemosystematics of higher land and sea plants. Invited Lecture at the Chemistry Department of the Università Federico II di Napoli in Naples/Italy (27.01.2016).

2011-2015

- <20> Zidorn, C., 2015. Chemosystematics of higher land and sea plants. Invited Lecture at the University of Veterinary Medicine and Pharmacy in Brno/Czech Republic (26.11.2015).
- <19> Zidorn, C., 2015. Secondary metabolites from higher land and sea plants in Chemical Ecology and Chemosystematics. Seminar at the Istituto di Chimica Biomolecolare/Consiglio Nazionale delle Ricerche in Pozzuoli/Italy (07.10.2015).
- <18> Zidorn, C., 2015. Bioactive plant secondary metabolites in Chemical Ecology and Chemosystematics. Plant Biology Seminar at the Università degli Studi di Chieti e Pescara, Chieti/Italy (12.05.2015).
- <17> Zidorn, C., 2014. Chemosystematics and chemical ecology: indispensable tools for the rational search for bioactive natural products. Invited Lecture at the Medical University of Warsaw/Poland (10.09.2014).
- <16> Zidorn, C., 2014. Altitudinal variation of plant secondary metabolites. Invited Lecture at the University of Veterinary Medicine and Pharmacy in Brno/Czech Republic (02.04.2014).

2006-2010

- <15> Zidorn, C., 2010. *Leontodon* s.l. in Italien. SYNTHESYS Seminar, Botanischer Garten Botanisches Museum Berlin-Dahlem, Germany (18.02.2010).
- <14> Zidorn, C., 2009. Chemosystematics and chemical ecology of alpine and Mediterranean plants. Special Guest Lecture, Srinakharinwirot University, Ong Kharak, Thailand (19.02.2009).
- <13> Zidorn, C., 2009. Chemosystematics and chemical ecology of alpine and Mediterranean plants. Special Guest Lecture, Srinakharinwirot University, Bangkok, Thailand (11.02.2009).
- <12> Zidorn, C., 2008. Chemosystematics and Chemical Ecology of Alpine and Mediterranean Plants. Pharmacognosy Seminar, Université de Liège, Liège, Belgium (11.12.2008).
- <11> Zidorn, C., 2008. Chemosystematik und Chemische Ökologie in der Pharmazeutischen Biologie. Pharmazie Seminar, Universität des Saarlandes, Saarbrücken, Germany (10.07.2008).
- <10> Zidorn, C., 2008. Chemosystematik und Chemische Ökologie in der Suche nach bioaktiven Naturstoffen. SYNTHESYS Seminar, Botanischer Garten Botanisches Museum Berlin-Dahlem, Germany (21.02.2008).
- <09> Zidorn, C., 2008. Chemosystematik und Chemische Ökologie in der Suche nach bioaktiven Naturstoffen. Pharmakognosie Seminar, Universität Wien, Austria (10.01.2008).
- <08> Zidorn, C., 2007. Chemical systematics of the Lactuceae tribe (Asteraceae). Pharmaceutical Biology Seminar, University of Düsseldorf, Germany (14.02.2007).

2000-2005

- <07> Zidorn, C., 2005. Die Suche nach bioaktiven Pflanzeninhaltsstoffen mittels chemosystematischer Methoden. Vavilov-Seminar, Institut für Pflanzengenetik und Kulturpflanzenforschung Gatersleben, Germany (25.05.2005).
- <06> Zidorn, C., 2005. Chemical systematics: Relict or Modern Life Science? Botany Seminar, University of Vienna, Austria (06.05.2005).
- <05> Zidorn, C., 2004. Chemical systematics: Relict or Modern Life Science? Pharmacy Seminar, Royal Danish Pharmaceutical University, Copenhagen, Denmark (07.09.2004).
- <04> Zidorn, C., 2003. Chemosystematische Studien an europäischen Taxa der Asteraceae und neuseeländischen Taxa der Apiaceae. Vavilov-Seminar, Institut für Pflanzengenetik und Kulturpflanzenforschung Gatersleben, Germany (24.02.2003).
- <03> Zidorn, C., 2002. Chemosystematische Studien an europäischen Taxa der Asteraceae und neuseeländischen Taxa der Apiaceae. Botanisches Seminar, Universität Innsbruck, Austria (18.12.2002).
- <02> Zidorn, C., 2001. Chemistry of New Zealand Apiaceae. Botany Seminar, University of Otago, Dunedin, New Zealand (16.05.2001).
- <01> Zidorn, C., 2000. Chemosystematics of European Taxa from the Tribe Lactuceae (Asteraceae). Chemistry Seminar, University of Otago, Dunedin, New Zealand (18.08.2000).

Habilitations (State Doctorates)

In two independent formal procedures, I have obtained university teaching licenses (Lehrbefugnisse, *veniae legendi*) for both **Pharmacognosy** (University of Innsbruck, 2003) and **Botany** (University of Innsbruck, 2007). The proceedings to obtain a teaching license/habilitation include the assessment of both scientific aspects and an assessment of the pedagogical skills of the applicant.

International Teaching in the frame of Erasmus+

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|--|---------------------------|
| University of Campania, Caserta, Italy | June 2022 |
| University of Basilicata, Potenza, Italy | May 2022 |
| University of Naples, Napoli, Italy | March 2022 |
| Medical University of Warsaw, Warsaw, Poland | June 2018, September 2022 |

Teaching/Lehre

Lectures/Vorlesungen

| | |
|--|---------------------------------------|
| Pharmazeutische Biologie (<i>Pharmaceutical Biology</i>) | 2014 KI , 2016-today KI |
| Three semester-cycle major lecture in Pharmaceutical Biology for third and fourth year students (together with Prof. Susanne ALBAN). | |
| Grundlagen der Biochemie (<i>Basics of biochemistry</i>) | 2014 KI , 2016-today KI |
| Introductory course into Biochemistry. | |
| Grundlagen der Systematik für Studierende der Pharmazie (<i>Basics of systematics for students of pharmacy</i>) | 2014 KI , 2016-today KI |
| Introductory course into biological systematics with a focus on medicinally used taxa. | |
| Grundlagen der Genetik für Studierende der Pharmazie (<i>Basics of genetics for students of pharmacy</i>) | 2014 KI |
| Introductory course into genetics. | |
| Grundlagen der Anatomie, Morphologie und Systematik arzneistoffliefernder Organismen (<i>Anatomy, Morphology and Systematics of Medicinally used Organisms</i>) | 2002-2009, 2013 IB |
| Introductory course into Botany for students of Pharmacy (3. Semester). Including morphology (roots, stems, leaves, flowers, and fruits), anatomy, systematics, and phylogeny with a focus on medicinally used higher plants. | |
| Systematik von Arzneipflanzen (<i>Systematics of medicinal plants</i>) | 2003-2010 IB |
| Optional subject for students of Pharmacy with a focusing on Pharmacognosy. Recapitulation of botanical systematics with a focus on plant secondary metabolites and their distribution in the plant kingdom. Joint lecture with Prof. Dr. Judith ROLLINGER. | |
| Chemosystematik und Chemische Ökologie (<i>Chemosystematics and Chemical Ecology</i>) | 2008-2009 IB |
| Introduction into chemosystematics and chemical ecology. Audience: advanced students of Botany and Pharmacy as well as PhD students. Explanation of basic concepts, methods, and techniques of data analysis in the field of chemosystematics. Introduction into chemical ecology (chemical interactions between organisms, climatic influences on secondary metabolites, sequestration of secondary metabolites). | |
| Mathematik für Pharmazeuten (<i>Mathematics for Pharmacists</i>) | 1999-2009 IB |
| Introduction into statistics and multivariate data analysis, and design of experiments for students of Pharmacy (1. Semester). | |
| Pharmazeutische Biologie (<i>Pharmaceutical Biology</i>) | 2008 SB |
| Main lecture in Pharmaceutical Biology. First part of a three-semester cycle given in the course of a stand-in professorship for Professor Alexandra KIEMER at the Institute for Pharmaceutical Biology in Saarbrücken. | |
| Systematische Einteilung und Pathologie der pathogenen und arzneistoffproduzierenden Organismen (<i>Systematics and pathology of pathogenous organisms and of organisms yielding medicinal products</i>) | 2008 SB |
| Introductory lecture of Botany for students of Pharmacy (1 st and 2 nd semester). Includes basic definitions and principles in morphology, systematics, and phylogeny. | |
| Ausgewählte Kapitel der Pharmakognosie (<i>Selected aspects of Pharmacognosy</i>) | 2000, 2002 IB |
| Precursor of the lecture „Systematics of medicinal plants“, with the same scope and also in co-operation with Prof. Dr. Judith ROLLINGER. | |

Pharmakognosie (*Pharmacognosy*) 2001 **IB**

Pharmacognosy. Second part of a two-semester cycle joint with and as a stand-in for Prof. Dr. Hermann STUPPNER.

Seminars/Seminare

Biogene Arzneimittel (Medical products derived from natural sources) 2014 **KI**, 2016-today **KI**

Seminar on all major aspects of natural (plant derived) medical products, together with Prof. Susanne ALBAN

Proseminar Pharmazeutische Biologie III 2014 **KI**, 2016-today **KI**

Seminar in parallel to the homonymous practical course

Klinische Pharmazie (Clinical Pharmacy) 2014 **KI**, 2016-2021 **KI**

Joint seminar with all major disciplines of Pharmacy; own focus: human nutrition. Together with Alban, S.; Cascorbi, I.; Clement, B.; Herdegen, Th.; and Kunze, Th.

Analyse eigener Forschungsergebnisse (*Analysis of research results*) 2009, 2014 **IB**

Obligatory seminar for PhD students in all core disciplines of pharmacy dealing with the analysis and data interpretation of data acquired during the PhD students experimental studies.

Diskussion aktueller Forschungsergebnisse (*Discussion of research results*) 2009, 2014 **IB**

Obligatory seminar for PhD students of pharmacy.

Literatur in den pharmazeutischen Wissenschaften
(*Literature and data base search in the pharmaceutical sciences*) 2002-2010 **IB**

Joint seminar with all four major disciplines of Pharmacy. Aim: Introduction into the acquisition and interpretation of literature relevant for the pharmaceutical sciences. Focus of the Pharmacognosy chapter: ISI Web of Knowledge, SciFinder, IPNI Database, Index Herbariorum, BIOSIS, internet search for high quality plant pictures.

Pharmazeutische Kernfächer (*Pharmaceutical core disciplines*) 2009 **IB**

Obligatory seminar for PhD students in all core disciplines of pharmacy.

Lecture plus practical course/Vorlesung und Übung

Analytik von Arznei- und Nutzpflanzen
(Analytics of medicinal and useful plants) 2003 **IB**

Joint course with Prof. Dr. STUPPNER on analytics of medicinal and useful plants. Focus: TLC, GC, and HPLC.

Excursions/Exkursionen

Botanische Exkursionen für Pharmazeuten
(*Botanical excursions for pharmacists*) 2013 **VIE**

Four three hour botanical excursions in the surroundings of Vienna; objectives: basic knowledge in plant determination and knowledge of the most important native poisonous and medicinal plants.

Pharmakobotanische Exkursionen (*Pharmacobotanical excursions*) 1995-2010, 2014 **IB**

Each term three one-day excursions in the Innsbruck area. Focus: Knowledge of the most important native medicinal plants, shrubs, trees and the vegetation zones in the Northern Alps.

Pharmakobotanische Exkursion für Fortgeschrittene (*Pharmacobotanical excursions for advanced students and PhD students*) 2009-2010 **IB**

Three days excursion to selected destinations in North and South Tyrol. Focus: Knowledge of native plant species, ecology of the alpine flora, vegetation belts in the Alps.

Botanische Exkursionen im Rahmen des Wahlpflichtfaches Pharmazeutische Biologie (jew. einwöchig)
(*Botanical excursions as compulsory optional subject Pharmaceutical Biology, one week each*) 2019-today **KI**

Adamello Group, Rifugio T. Secchi/Lombardia/Italy (7 participants from Kiel and Wrocław University) July 2023 **KI**

Adamello Group, Rifugio Gnutti/Lombardia/Italy (8 participants from Kiel University) Aug. 2022 **KI**

Adamello Group, Rifugio Gnutti/Lombardia/Italy (9 participants from Kiel University) Aug./Sept. 2021 **KI**

Adamello Group, Rifugio Gnutti/Lombardia/Italy (7 participants from Kiel University) July 2019 **KI**

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|---|---------------------------|
| Algarve, Vila do Bispo/Algarve/Portugal (8 participants from Kiel) | March 2023 KI |
| Cilento, Marina di Ascea/Campania/Italy (4 participants from Kiel University) | June 2019 KI |
| Cilento, Torchiara/Campania/Italy (6 participants from Kiel University) | Mar.-Apr. 2022 KI |
| Various locations in Holsatia and Schleswig (5 participants from Kiel University) | May-July 2021 KI |
| Botanische Exkursionen für Südtiroler ApothekerInnen (<i>Botanical excursions for pharmacists from the South Tyrol</i>) | 2002-2008 IB |
| Each summer two or three excursions to selected regions in the South Tyrol. Focus: Most important medicinal plants and vegetation zones in the South Tyrol. | |
| Botanische Exkursionen für freiwillige Interessenten (<i>Botanical excursions for interested volunteers</i>) | |
| Western Alps, Morinesio/Piemonte/Italy (8 participants from Innsbruck, Trier, and Berlin) | July 2009 IB |
| Austrian Alps, East Tyrol/Austria (8 participants from Innsbruck, Trier, and Berlin) | July 2010 IB |
| Adamello Group, Rifugio Gnutti, Rifugio Tonolini/Lombardia/Italy (16 participants from Kiel, Vienna, and South Tyrol) | July 2017 KI |
| Practical Courses/Übungen (Praktika) | |
| Praktische Übung zu Arzneipflanzen, Bestimmungsübungen Practical course on medicinal plants, Plant determination, and Excursions in Pharmaco-Botany | 2016-today KI |
| Pharmazeutische Biologie 3 (<i>Pharmaceutical Biology 3</i>) Course in phytochemical and molecular methods for the characterisation of medicinal plants according to Pharmacopoeia Europaea | 2016-today KI |
| Grundlagen der Anatomie und Morphologie von Arzneipflanzen (<i>Anatomy and morphology of medicinal plants, beginners course</i>) Basic practical course in Botany for students of Pharmacy (4th Semester). Focus: Microscopy of higher plants and their main organs as well as plant determination. | 2003-2010, 2014 IB |
| Morphologisch-anatomische Analyse von Arzneidrogen (<i>Morphological and anatomical analysis of medicinal plants</i>) Microscopy and tea analysis of medicinal plants for students of Pharmacy (5 th Semester). | 2004-2009, 2013 IB |
| Methoden zur Identifizierung und Charakterisierung arzneistoffliefernder Organismen (<i>Methods for the identification and characterization of organisms producing bio-actives</i>) Basic practical course in Botany for students of Pharmacy. Focus: Microscopy of higher plants. | 2013 VIE |
| Arbeitstechniken in den pharmazeutischen Wissenschaften (<i>Methods in the pharmaceutical sciences</i>) Course for advanced students of Pharmacy (7th Semester and higher) as a practical preparation for the diploma thesis in Pharmacognosy. Focus: Modern chromatographic and analytical techniques. | 2003-2007 IB |
| Analytik von Arznei- und Nutzpflanzen I (<i>Analytics of medicinal and useful plants I</i>) Analytical methods for identification and quality control of medicinal and useful plants. Focus: TLC, GC, and HPLC. | 2004-2006 IB |
| Phytochemische Übungen (<i>Practical course in Phytochemistry</i>) Phytochemical methods of the European Pharmacopoeia. Focus: Simple chemical and colorimetric methods and TLC. Additionally: GC and HPLC. | WS 2002 IB |
| Spezielle Methoden der Phytochemie (<i>Special methods in phytochemistry</i>) Optional course in modern chromatographic techniques. | 1997-1999, 2002 IB |
| Pharmakognostische Übungen (<i>Practical course in Pharmacognosy</i>) Nearly identical precursor of „Morphological and anatomical analysis of medicinal plants“. | 1995-1996, 2001 IB |
| Analytisch-phytochemische Übungen (<i>Analytical phytochemistry</i>) Nearly identical precursor of the „Practical course in Phytochemistry“. | 1997-2000 IB |
| Instrumentelle Analytik in der Pharmakognosie (<i>Instrumental analytics in Pharmacognosy</i>) Practical usage of gas chromatography and high performance liquid chromatography using examples from important medicinal plants. | 1998-2000 IB |

IB = Courses taught at the University of Innsbruck/Austria; **KI** = Courses taught at the University of Kiel/Germany; **SB** = Courses taught at the University of Saarland (Saarbrücken)/Germany; **VIE** = courses held at the University of Vienna/Austria.

Overview about teaching evaluation results of the last three years.

(in brackets: number of participating students) [German school scale: 1 very good to 6 insufficient]

Überblick über Lehrveranstaltungsevaluierungen der letzten drei Jahre.

(in Klammern: Anzahl der teilnehmenden Studierenden) [Deutsche Schulnoten: 1 sehr gut bis 6 ungenügend]

| Fach/Subject | SoSe 2023 | WiSe 2022 | SoSe 2022 | WiSe 2021 | SoSe 2021** | WiSe 2020** |
|--|--------------|--------------|--------------|--------------|----------------|----------------|
| Vorlesung Grundlagen der Biochemie/ Lecture Basics of Biochemistry | 1.96 (25) | 2.10 (10) | 2.43 (14) | 2.36 (11) | 2.80 (10) | 2.53 (17) |
| Praktikum Pharmazeutische Biologie 3/ Practical Course Pharmaceutical Biology 3 | 2.85 (34) | 2.17 (29) | 2,61 (48) | 1.74 (27) | 2.90 (32) | 2.77 (30) |
| Ringvorlesung Pharmazeutische Biologie/ Lecture series Pharmaceutical Biology | 2.49 (39) | 2.43 (67) | 2.45 (33) | 2.68 (59) | 2.56 (50) | 2.84 (50) |
| Vorlesung Grundlagen der Systematik/ Lecture Basics of Systematics | 2.00 (24) | 2.22 (36) | 2.42 (38) | 2.69 (32) | 2.95 (38) | 2.60 (42) |

- No data available for this semester. ** Online only, no evaluation data available for SoSe 2020. N.y.a. Not yet available.

Granted requests for funding**2023**

UHPLC-HRMS System to analyse small (mostly natural) compounds. State Major Instrumentation Programme, **€ 417000,-**

2021-2024

European Commission - Interregional and Transnational Cooperation projects: PAPRIKANET.IT – ROP ERDF Basilicata 2014/2020 – Plant Active Products: Research, Innovation and Knowledge Advancements through an International **NET**work – Lead partner Professor Luigi MILELLA, University of Basilicata in Potenza/Italy. [Total Funding: € 372000; Kiel Funding **€ 5000,-**]

2020-2023

European Commission - Erasmus KA203 Strategic Partnership Project: OEMONOM - 2020-1-CZ01-KA203-078218 - Open access educational materials on naturally occurring molecules - sources, biological activity and use. Lead partner Professor Premysl MLADENKA, Charles University in Hradec Králové/Czech Republic. [Total Funding: € 382000; Kiel Funding **€ 26828**]

2019-2023

Kiel University; Programme for Digital Teaching: HSP 6110-10-004 BA201 – Digitalization of the Botanical Garden. 03.06.2021-30.09.2023. Acquired funding **€ 6450**.

2016-2023

Co-editor in chief contract from the publishing house ELSEVIER for the journal *Biochemical Systematics and Ecology*: Funds to employ a part-time editorial assistant. 01.01.2019-31.12.2021. Acquired funding **confidential**, due to the terms of the contract.

2019

Kiel University; DEUTSCH-NORWEGISCHES STUDIENZENTRUM: DNSZ Seed Money 2019 - Seed money for preparing a project with Norwegian partners from the Universities of Bergen and Oslo. Valid 01.05.2019-31.09.2019. Acquired funding **€ 4615**.

2018

Kiel University; INTERNATIONALISATION FUNDS: BA 122, FiSt. 88611000 - Funds to host visitors from five Italian universities. Valid 01.01.2018-31.12.2018. Acquired funding **€ 2380**.

2017-2022

German Academic Exchange Service (Deutscher Akademischer Austauschdienst – DAAD): DAAD-91649878 - Individual PhD Student Grant to **Md Josim Uddin**. Total Funding: **€ 107990**.

2017-2021

China Scholarship Council: CRC-201708310148- Individual PhD Student Grant to **Yan Li**. Total Funding: **€ 48600**.

2017

Kiel University; INTERNATIONALISATION FUNDS: BA 125, FiSt. 88611000 - Funds to welcome visitors from Warsaw Medical University. Valid 01.01.2017-31.12.2017. Acquired funding **€ 2070,-**.

2013

Marie Curie Intra-European Fellowship. Proposal n° 624519 – CHIMICAMARINAANAPOLI. 24 Months of Marine Natural Research at the CNR-ICB in Pozzuoli (NA) in the research group of Professor Margherita GAVAGNIN. 12.02.2015-11.02.2017 (contract terminated on 31.03.2016 in order to be able to accept the appointment from Kiel University). Acquired funding **€ 249242**.

Christian ZIDORN co-operation partners/Kooperationspartner [area]

Austria

Prof. Dr. Sabine GLASL, Institute of Pharmacognosy, University of Vienna, Vienna [pharmacognosy]

Bulgaria

Prof. Dr. Dimitrina ZHELEVA, Institute of Pharmacy, University of Sofia, Sofia [natural products analytics]

Czech Republic

Dr. Lucie RÁROVÁ & Prof. Dr. Miroslav STRNAD, Faculty of Science, Palacký University and Institute of Experimental Botany of the Czech Academy of Sciences, Olomouc [bioassays]

Prof. Dr. Karel ŠMEJKAL, Faculty of Pharmacy, University of Vet. & Pharm. Sciences Brno, Brno [Pharmacognosy]

Germany

Prof. Dr. Birgit GEMEINHOLZER, University of Kassel, Kassel [molecular phylogenetics]

Dr. Norbert KILIAN, Botanischer Garten Botanisches Museum Berlin, Berlin [plant nomenclature and taxonomy]

Italy

Prof. Dr. Stefano DALL'ACQUA, Dept of Pharmaceutical and Pharmacological Sciences, University of Padua, Padua [pharmacognosy]

Prof. Dr. Francesco EPIFANO, Dipartimento di Farmacia, Università Chieti-Pescara, Chieti Scalo [phytochemistry]

Dr. Pietro FUSANI, CREA-MPF, Trento [alpine plants of economic interest]

Prof. Dr. Alfonso MANGONI, Department of Pharmacy – University of Naples Federico II, Naples [NMR & CD-Spectroscopy]

Prof. Dr. Severina PACIFICO, Dept of Environmental Biol. & Pharm. Sci. & Techn. – University of Campania, Caserta [HPLC-HRMS]

Dr. Sara VITALINI, Dipartimento di Scienze Farmaceutiche, Università degli Studi di Milano, Milan [ethnobotany, pharmacology]

Lithuania

Prof. Dr. Lina RAUDONE, University of Kaunas, Department of Pharmacy, Kaunas [natural products chemistry]

Norway

Prof. Dr. Monica JORDHEIM, University of Bergen, Department of Pharmacy, Bergen [natural products chemistry]

Prof. Dr. Helle WANGENSTEEN, University of Oslo, Department of Pharmacy, Oslo [natural products chemistry]

Poland

Prof. Dr. Monika E. CZERWIŃSKA, Medical University of Warsaw, Department of Pharmacognosy, Warsaw [natural products chemistry]

Prof. Dr. Sebastian GRANICA, Medical University of Warsaw, Department of Pharmacognosy, Warsaw [natural products chemistry]

Prof. Dr. Adam MATKOWSKI, Dept of Pharm. Biology and Biotechnology, Wrocław Medical University, Wrocław [natural products chemistry]

Prof. Dr. Katarzyna SZEWCZYK, Department of Pharmaceutical Botany, Medical University of Lublin, Lublin [pharmacognosy]

Prof. Dr. Sylwia ZIELIŃSKA, Department of Pharmaceutical Biotechnology, Wrocław Medical University, Wrocław [plant natural products]

Portugal

Prof. Dr. Mónica M. T. MOURA, Departamento de Biologia, University of the Azores, Ponta Delgada [Flora of the Azores]

Serbia

Prof. Dr. Silvana PETROVIC, Institute of Pharmacy, University of Belgrade, Belgrade [Phytochemistry of the Flora of the Balkans]

Christian Zidorn: Supervised Theses/Betreute Arbeiten

PhD Theses/Betreute Dissertationen

- LI, Yan, 2021. Natural products from *Zostera marina* L. (Zosteraceae): isolation, structure elucidation, and seasonal and regional variation. [Kiel University]
- SAREEDENCHAI, Vipaporn, 2009. Secondary metabolites in chemical ecology and chemosystematics. [University of Innsbruck]
- SCHARENBERG, Friederike, 2019. Natural product chemistry of selected species from the families Fabaceae, Fagaceae, and Orobanchaceae: Compound isolation, seasonal variations, sequestration, and chemodiversity. [Kiel University]
- SHULHA, Oleksandr, 2019. Natural Products from the Cichorieae (Asteraceae): Sesquiterpenoids and phenolics from *Hypochaeris radicata* subsp. *neapolitana* and *Sonchus palustris*. [Kiel University]
- UDDIN, Josim, 2022. Bioactive natural products from Bangladeshi medicinal plant species *Ceriscoides campanulata* (Rubiaceae) and *Clerodendrum infortunatum* (Lamiaceae). [Kiel University]
- WILLER, Johanna, 2021. Phytochemical investigations within the Cichoreae (Asteraceae). [Kiel University]

Cosupervised PhD Theses as international cosupervisor/Mitbetreute Dissertationen als internationaler Mitbetreuer

- DI LECCE Roberta, 2022. Bioactive metabolites produced by pathogenic fungi of forest plants. [University of Naples, Italy; Supervisor: Professor Antonio EVIDENTE]
- FIORENTINO, Marika, ongoing. [University of Campania; Supervisor: Professor Severina PACIFICO]
- FORMATO, Marialuisa, ongoing. [University of Campania; Supervisor: Professor Severina PACIFICO]
- LELA, Ludovica, ongoing. [University of Basilicata; Supervisor: Professor Luigi MILELLA]
- PALUMBO, Lucia, ongoing. [University of Chieti-Pescara; Supervisor: Professor Francesco EPIFANO]
- PONTICELLI, Maria, ongoing. [University of Basilicata; Supervisor: Professor Luigi MILELLA]
- PREZIUSO, Francesca, 2021. [University of Chieti-Pescara; Supervisor: Professor Francesco EPIFANO]

Currently supervised PhD Theses/Derzeit betreute Dissertationen (starting year) - working titles

- AYVAZYAN, Arpine, 2020. Phytochemical investigations of Armenian and European Asteraceae. [Kiel University]
- HERRE, Isabelle, 2022. Phytochemical investigations of European Medicinal Plant Species. [Kiel University]
- MORENO CARDENAS, Calisto, 2022. Phytochemical investigation of Amazonian medicinal plant species. [Kiel University]
- YULVIANTI, Meri, 2017. Natural products from seagrasses of Malaysia and chemodiversity of cyanogenic glycosides. [Kiel University]

External Examiner of PhD theses/Auswärtiger Gutachter und Prüfer bei Dissertationen (n = 4)

- CUOMO, Paola, 2022. Metabolomics as a means to control human bacterial infections using a formyl peptide receptor antagonist. [University of Naples, Italy]
- DI LECCE Roberta, 2022. Bioactive metabolites produced by pathogenic fungi of forest plants. [University of Naples, Italy]
- ENERSTVEDT, Kjersti Hasle, 2018. Analysis of polyphenolic content in marine and aquatic angiosperms from Norwegian coastal waters. [University of Bergen, Norway]
- PETERSEN, Malene Johanne, 2022. Natural products and herbal drugs in the treatment and alleviation of type-2 diabetes, cancer and multiple sclerosis: challenges and opportunities. [University of Copenhagen, Denmark]

Second Examiner of PhD theses/Zweitgutachter und -prüfer bei Dissertationen (n = 5)

- BERGER, Andreas, 2018. Understanding chemical characters: Chemosystematic studies within the *Psychotria* alliance (Rubiaceae). [University of Vienna, Austria]
- ENKE, Neela, 2009. Phylogeny and character evolution in the genus *Crepis* (Cichorieae, Compositae). [Free University of Berlin, Germany]

- FLEMMING, Marcel, 2014. Phytochemische, pharmakologische und chemoökologische Untersuchungen zu Sesquiterpenlactonen aus Kamille, Schafgarbe und Arnika. [University of Regensburg, Germany]
- OPPEINEIGER, Christina, 2008. Einfluss von klimatischen Faktoren auf den Primär- und Sekundärstoffwechsel von *Dryas octopetala* L. [University of Innsbruck, Austria]
- SCHINNERL, Johann, 2014. Tropical Chemodiversity of Selected Angiosperm Families. [University of Vienna, Austria]

Master's Theses/Masterarbeiten (n = 9)

- DANZIGER, Lale, 2023. Phytochemische Untersuchungen von *Chaerophyllum temulum*. [Kiel University]
- FELL, Fabian, 2021. Phytochemische Untersuchungen von *Gnaphalium uliginosum* und *Leontodon hispidus*. [Kiel University]
- HERRE, Isabelle, 2022. Phenolische Verbindungen aus *Anthyllis vulneraria* L. [Kiel University]
- MALEK, Sofia, 2017. Isolierung der Hauptflavonoide aus *Atropa belladonna* (Solanaceae). [Kiel University]
- MERTENS, Fabian, 2018. Phytochemische Untersuchungen von *Pilosella officinarum*. [Kiel University]
- MORENO CARDENAS, Calisto, 2021. Moderne Methoden zur Extraktion und Quantifizierung von Sennosiden. [Kiel University]
- NGUYEN, Teresa T. H., 2020. Phytochemical analysis of *Tragopogon floccosus* (Compositae). [Kiel University & University of Oslo]
- OEHMGEN, Martha, 2020. Phytochemical analysis of aerial parts of *Tragopogon floccosus* collected in the Torún area (Poland). [Kiel University]
- WILLER, Johanna, 2017. Phytochemische Untersuchungen von *Turnera diffusa*. [Kiel University]

Diploma Theses/Betreute Diplomarbeiten (n = 23)

- BANO, Johanna, 2011. Inhaltsstoffe der Wurzeln von *Scorzonera aristata*. [University of Innsbruck]
- EBNER, Chrysanth, 2014. Isolierung sekundärer Inhaltsstoffe aus den Blättern von *Crassula ovata*. [University of Innsbruck]
- ENDER, Katharina, 2009. Isolierung von sekundären Inhaltsstoffen aus *Sorbus aucuparia*. [University of Innsbruck]
- GUGGENBERGER, Manuela, 2006. Abhängigkeit des Polyphenolgehaltes von Kamillenblüten von der Höhenlage und ein neuer Naturstoff aus *Reichardia gaditana* Willk. [University of Innsbruck]
- GURSCHLER, Sara, 2008. Sekundärmetabolite von *Celtis australis*. [University of Innsbruck]
- HEGLMEIER, Angelina, 2009. Naturstoffe aus *Posidonia oceanica*. [University of Innsbruck]
- JEHLE, Manuela, 2009. Isolierung sekundärer Inhaltsstoffe aus den oberirdischen Pflanzenteilen von *Scorzonera aristata*. [University of Innsbruck]
- KALTENHAUSER, Margarethe, 2009. Sekundärmetabolite von *Celtis australis*. [University of Innsbruck]
- KASER, Maria, 2010. Sekundäre Inhaltsstoffe der Engelwurz (*Angelica archangelica*) und vergleichende phytochemische Untersuchungen an Petersilienwurzeln (*Petroselinum crispum*). [University of Innsbruck]
- KRIMPLSTÄTTER, Romana, 2010. Phytochemische Untersuchung von *Rhagadiolus stellatus*. [University of Innsbruck]
- LINS, Isabella, 2008. Untersuchungen zum Einfluss der Höhenlage auf die phenolischen Inhaltsstoffe von *Arnica montana*. [University of Innsbruck]
- MADER, Judith, 2006. Polyacetylene aus ausgewählten Arten aus der Familie der Apiaceae und neue Sesquiterpenlaktone aus *Leontodon rosani*. [University of Innsbruck]
- POSCH, Michaela, 2010. Vergleichende phytochemische Untersuchungen von einheimischen Vertretern der Cichorieae und Gnaphalieae. [University of Innsbruck]
- PSCHORR, Susanne, 2006. Phytochemische Untersuchungen an *Tragopogon porrifolius* und *Leontodon crispus*. [University of Innsbruck]
- RITLOP, Michaela, 2007. Phytochemische Untersuchungen und Naturstoffisolierung aus *Tragopogon porrifolius* L. [University of Innsbruck]
- SCHNEEBERGER, Verena, 2008. Klimakammerexperimente zum Einfluss der UV-B-Strahlung auf die phenolischen Sekundärmetabolite in *Arnica montana* Blütenköpfen. [University of Innsbruck]

- SCHWINGSHACKL, Esther, 2006. Chemosystematik von *Cichorium intybus* und Sekundärmetabolite von *Hypochaeris achyrophorus*. [University of Innsbruck]
- SIGMUND, Elisabeth, 2004. Polyacetylene aus *Apium graveolens*. [University of Innsbruck]
- SOMMAVILLA, Veronika, 2011. Jahreszeitliche Schwankungen im Flavonoidgehalt von *Celtis australis* Blättern. [University of Innsbruck]
- UDOVIČIĆ, Vedrana, 2005. Podospermsäure (1,3,5-Tri-7,8-dihydrokaffeoylchinasäure) aus *Podospermum laciniatum* und Sekundärmetabolite von *Arnoseris minima*. [University of Innsbruck]
- UNTERSULZNER, Christa, 2010. Quantitative Variationen im phenolischen Inhaltsstoffspektrum in Blättern, Wurzeln und Rhizomen von *Arnica montana* in Abhängigkeit der Höhenlage und phytochemische Untersuchungen in ausgewählten Spezies der Triben Gnaphalieae und Lactuceae. [University of Innsbruck]
- WINKLER, Andrea, 2006. Quantitative Variationen im Inhaltsstoffspektrum von *Arnica montana* in Abhängigkeit von Höhenlage, Substrat und Herkunft. [University of Innsbruck]
- YANAR, Sema, 2006. *Arnica montana* — Quantifizierung der phenolischen Inhaltsstoffe und Bestimmung der Radikalfängeraktivität der Blütenkopffextrakte. [University of Innsbruck]

Declaration

- I hereby, the information and declarations contained in this curriculum vitae are true;
- to be in possession of all the qualifications listed in this curriculum vitae;
- that all content relating to qualifications, publications and activities carried out reported in this curriculum vitae is true;
- that the copies of the publications presented for the purpose of analytical evaluation are confirming to the original.

Kiel, 14/12/2023

Signature

