

Publikationsliste,

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Publikationen mit Bezug zu Lehre und Lehrforschung in grau unterlegt

Originalarbeiten

65. Flach H, Pfeffer S, Dietmann P, Kühl M, **Kühl SJ** (2024) Glyphosate formulations cause mortality and diverse sublethal defects during embryonic development of the amphibian *Xenopus laevis*, **Chemosphere**, 367:143624, DOI: 10.1016/j.chemosphere.2024

64. Manhart C*, Uhl L*, Hettler JS, Münz J, Groner K, Kächele N, Heisler A, Heiß H, Scheffold H, **Kühl SJ** (2024) Umweltwissen und -bewusstsein an ausgewählten Schulen der Region Alb-Donau-Kreis und Ulm, Kommunales Bildungsmanagement Alb-Donau-Kreis, **Bericht aus der Bildungsregion 2023/2024**. Online Studiendokumente [hier](#). * gleichberechtigte Autorenschaft

63. Flach H*, Brendler C*, Schöpf M, Xu L, Schneider J, Dewald K, Dietmann P, Kühl M, **Kühl SJ** (2024) Comparing the effects of three neonicotinoids on embryogenesis of the South African clawed frog *Xenopus laevis*, **Curr. Res. Toxicol**, * equal contribution, DOI: 10.1016/j.crtox.2024.100169

62. Saumweber E, Mzoughi S, Khadra A, Werberger A, Schumann S, Gucciona E, Schmeisser SJ, **Kühl SJ** (2024) Prdm15 acts upstream of Wnt4 signaling in anterior neural development of *Xenopus laevis*, **Front. Cell Dev. Biol.**, DOI: 10.3389/fcell.2024.1315048

61. Kerner M, Flach H, Dietmann P, Kühl M, **Kühl SJ** (2023) The impact of the insecticide acetamiprid on the embryogenesis of the aquatic model organism *Xenopus laevis*, **Environ. Toxicol. Pharmacol.** DOI: 10.1016/j.etap.2023.104278

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59. Dieterle K, Scheffold H, Kühl M, [Kühl SJ](#) (2023) Umweltwissen und Umweltbewusstsein von Studierenden der Generation Z: eine Online-Umfrage an der Universität Ulm, **Z. Evid. Fortbild. Qual. Gesundh. wesen**, Schwerpunktreihe "Planetary Health", 179:80-90
58. Müller L, Kühl M, [Kühl SJ](#) (2023) Klimawandel und Gesundheit: Veränderung in Umweltwissen und -bewusstsein von Studierenden durch die Implementierung eines Wahl-Pflichtfaches an der Medizinischen Fakultät Ulm? **GMS J. Med. Educ.** 40(3):Doc39
57. Flach H, Geiß K, Lohse KA, Feickert M, Dietmann P, Pfeffer S, Kühl M, [Kühl SJ](#) (2023) The neonicotinoid thiacloprid leads to multiple defects during early embryogenesis of the South African clawed frog (*Xenopus laevis*), **Food Chem. Toxicol.** DOI:10.1016/fct.2023.113761
56. Dahmen L, Linke M, Schneider A, [Kühl SJ](#) (2023) Medizinstudierende in ihrer erste Sprechstunde: Vergleich zwischen einer simulierten Präsenz- und einer Tele-Sprechstunde zum Training ärztlicher Gesprächskompetenz, **GMS J Med Educ**, 40:Doc63
55. Müller L, Schneider A, Kühl M, [Kühl SJ](#) (2023) Herausforderung Klimawandel: Transfer von Wissenschaft in die Gesellschaft durch einen Online Workshop **Z. Evid. Fortbild. Qual. Gesundh. wesen**, Schwerpunktreihe "Planetary Health", 176:82-89
54. Straßer P, Kühl M, [Kühl SJ](#) (2023) Ein Hidden Curriculum für Umweltthemen in der medizinischen Ausbildung: Auswirkungen auf Umweltwissen und Umweltbewusstsein der Studierenden, **GMS J. Med. Educ.**, 40(3):Doc39
52. Messerer DAC, Behr JL, Kraft SF, Schön M, Hornefferr A, [Kühl SJ](#), Benedikt Seifert L, Huber-Lang M, Böckers TM, Böckers A (2022) The Gross Anatomy Course: SARS-CoV-2 pandemic-related effects on students' learning, interest in peer-teaching, and students' perception of its importance, **Anat. Sci. Educ.** 16:629-43
51. Treimer, E, Kalayci T, Schumann S, Suer I, Greco S, Schanze D, Schmeisser MJ, [Kühl SJ](#)*, Zenker M* (2022) Functional characterization of a novel TP53RK mutation identified in a family with Galloway-Mowat syndrome, **Hum. Mutat.**, 43:1866-1871. DOI: 10.1002/humu.24472, *geteilte Letztautorenschaft
50. Gärtner C, Messmer A, Dietmann P, Kühl M, [Kühl SJ](#) (2022) Functions of block of proliferation 1 during anterior development in *Xenopus laevis*, **Plos One**, 17:e0273507. doi: 10.1371/journal.pone.0273507
49. Straßer P, Nikendei C, Bugaj TJ, Kühl M, [Kühl SJ](#) (2022) Environmental issues hidden in medical education: effects on students' environmental awareness and knowledge, **Z. Evid. Fortbild. Qual.**, Schwerpunktreihe "Planetary Health", 174:97-102
48. Dahmen L, Schneider A, Keis O, Straßer P, Kühl M, [Kühl SJ](#) (2022) From the Inverted Classroom to the online lecture hall: Effects on students' satisfaction and exam results, **Biochem. Mo. Biol. Educ.** 50:483-93
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46. Griegel S, Kühl M, Schneider A, [Kühl SJ](#) (2022) Basics zur medizinischen Dissertation: Analyse eines Kursangebots für Promovierende der Medizin, **GMS J. Med. Educ.** 39:Doc26

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44. Flach H, Lenz A, Pfeffer S, Kühl M, **Kühl SJ** (2022) Impact of glyphosate-based herbicide on early embryonic development of the amphibian *Xenopus laevis*, **Aquat. Toxicol.** 244:106081
43. Treimer E, Niedermayer K, Schumann S, Zenker M, Schmeisser MJ*, **Kühl SJ*** (2021) Galloway-Mowat syndrome: New insights from bioinformatics and expression during *Xenopus* embryogenesis, **Gene Expression Patterns**, 42:119215 *geteilte Letztautorenschaft
42. Flach H, Basten T, Schreiner C, Dietmann P, Greco S, Nies L, Roßmanith N, Walter S, Kühl M, **Kühl SJ** (2021) Retinol binding protein 1 affects *Xenopus* anterior neural development via all-trans retinoic acid signalling, **Dev. Dyn.**, 250:1096-1112
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39. Schneider A, Kühl M, **Kühl SJ** (2019) Utilizing research findings in medical education: The testing effect within a flipped/inverted biochemistry classroom, **Med. Teacher**, 41:1245-51
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37. **Kühl SJ**, Schneider A, Kestler HA, Toberer M, Kühl M, Fischer MR (2019) Investigating the self-study phase of an inverted biochemistry classroom - collaborative dyadic learning makes the difference, **BMC Med. Educ.**, 28;19(1):64
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26. Oswald F, Rodriguez P, Giaimo BD, Antonello ZA, Mira L, Mittler G, Thiel VN, Collins KJ, Tabaja N, Cizelsky W, Rothe M, **Kühl SJ**, Kühl M, Ferrante F, Hein K, Kovall RA, Dominguez M, Borggreffe T (2016) A phospho-dependent mechanism involving NCoR and KMT2D controls a permissive chromatin state at Notch target genes. **Nucleic Acid Res.** 44(10)
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9. **Gessert S**, Schmeisser M, Tao S, Boeckers TM Kühl M (2011) The spatio-temporal expression of ProSAP/Shank family members and their interaction partner LAPSER1 during *Xenopus laevis* development, **Dev. Dyn.** 240, 1528-36
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2. Giamas G, Hirner H, Shoshiashvili L, Grothey G, **Gessert S**, Kühl M, Henne-Bruns D, Vorgias CE, Knippschild U (2007) Phosphorylation of CK1delta: Identification of Ser370 as the major phosphorylation site targeted by PKA in vitro and in vivo. **Biochem. J.** 406: 389-98

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Übersichtsartikel (Reviews)

6. **Kühl SJ**, Kühl M (2022) Der anthropogene Klimawandel – Die naturwissenschaftlichen Grundlagen, **Ärztliche Psychotherapie**, 17:5-9

5. Nikendei C, Bugaj, TJ, Nikendei F, **Kühl SJ**, Kühl M (2020) Ursachen, Folgen, Lösungsansätze und Implikationen für das Gesundheitswesen, **Z. Evid. Fortbild. Qual.**, 156-157:59-67

4. **Kühl SJ** and Kühl M (2013) On the role of Wnt/ β -catenin signaling in stem cells, **BBA general subjects**, 1820, 2297-306

3. Pandur P, Sirbu IO, **Kühl SJ**, Philipp M, Kühl M (2013) Islet1 expressing cardiac progenitor cells: a comparison across species, **Dev. Genes Evol.** 223, 117-29

2. **Kühl SJ** and Kühl M (2011) Improving cardiac function after injury: Are we a step closer? **Bioessays**, 33, 669-73

1. **Gessert S** and Kühl M (2010) The multiple phases and faces of Wnt signaling during cardiac differentiation and development, **Circ. Res.** 107, 186-99

Kommentar

1. **Kühl S** und Kühl M (2012) Nobelpreise 2012, Physiologie oder Medizin, **Naturwissenschaftliche Rundschau**, 12, 5-7

Leitartikel

Nikendei C, **Kühl SJ**, Bugaj TJ (2023) Klimakrise und planetare Gesundheit in der Lehre, **GMS J. Med. Educ.** 40(3):Doc39

Buchkapitel

2. **Kühl SJ**, Kühl M (2022) Von der Scientific Literacy zu einer Climate Change Literacy, in Nikendei et al. (Hrsg.) Heidelberger Standards der Klimamedizin, **HeiCuMED**, in Druck

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Lehrbücher

5. Linnemann A, **Kühl SJ** (Hrsg.) (2017) Grundlagen der Licht- und Elektronenmikroskopie, UTB, **Ulmer Verlag**
4. Öchsner W, Estner C, **Kühl SJ** (2016) Prüfungen mit Erfolg bestehen in den *Life Sciences*, UTB, **Ulmer Verlag**
3. **Kühl SJ** und Kühl M (2016) Die Abschlussarbeit in den *Life Sciences*, UTB, **Ulmer Verlag**
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