



WCTP
VIENNA
2023

**6TH WORLD CONGRESS OF
TATTOO & PIGMENT RESEARCH
VIENNA 2023**



VON BERG
PHARMA



Tattoo and PMU pigment production

At VonBerg Pharma, we specialize in producing the tattoo and PMU pigments of the utmost quality for private label brands, ensuring a safe and exceptional experience for clients and artists alike. Our innovative process for producing pigments sets us apart since 2008, and we dedicate ourselves to manufacturing processes that prioritize health and push the industry boundaries.

Our high-quality tattoo and PMU pigments are crafted with your brand's reputation in mind. We produce purified pigments that do not exceed the permitted limits of heavy metals and impurities, ensuring intense color effects and optimal skin compatibility for clients.

The majority of pigments available in the market use clean, pharmaceutical ingredients combined with colorants that are used in auto, textile, construction, and similar industries. Pigments full of toxic metals that are got as a result are posing risks to both artists and clients. And clients trust the artist, who turn trust in safety to you - the brand.

At VonBerg Pharma, we have developed a unique process for purifying pigments, effectively addressing this industry-wide problem. Our internal regulatory affairs team works tirelessly to ensure we are meeting the highest standards and REACH compliance.

The greatest PMU and Tattoo artists of all times are choosing pigments produced at VonBerg Pharma.

**PRIVATE LABEL SOLUTION TAILORED
TO YOUR HIGH-QUALITY STANDARDS**

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WELCOME FROM THE ORGANIZING COMMITTEE OF THE 6TH WORLD CONGRESS OF TATTOO AND PIGMENT RESEARCH

We are delighted to welcome you to our biennial WCTP congress 2023 in Vienna - a city known for its rich art and history, the home of Wolfgang Amadeus Mozart, Sigmund Freud and Friedensreich Hundertwasser, whose famous "Hundertwasserhaus" inspired our conference website.

Following ESTP tradition, the WCTP 2023 will be a gathering of scientists, tattoo and PMU artists, manufacturers, regulatory bodies representatives and everyone with any special interest in tattoos - connected through a mutual interest in tattoo safety and health, recent developments, science and art. Caring for the health of tattoo and PMU recipients worldwide, we hope that sharing and exchanging knowledge and experiences through our globally growing ESTP community may contribute to advance and inform policies and regulations also beyond European borders. This is especially true with regard to the EU REACH regulation on tattoos and PMU. With the ban of PG7 and PB15 in January this year, it is now fully enforced and will be lively debated in the coming days.

For the first time we will have a pre-congress Tattoo & PMU Artist Educational Workshop. The aim of the inter-active workshop is to discuss current health- and safety-related issues in connection with tattooing with tattoo artists, dermatologists and scientists in order to transfer the results of research and science into daily practice.

We are also proud to have Aaron Deter-Wolf in Vienna giving the plenary talk on ancient tattooing. His marvellous work may remind us that tattooing is not a modern form of art but that it has been around as long as humanity- including the technologies to produce colorants for intradermal application.

Besides the rich scientific programme, you will have the opportunity to network with colleagues and friends and especially at the informal congress dinner. Traditional Austrian cuisine amidst greenery welcomes us to discuss and relax over a Seidl (small beer) or a Kriagl (large beer).

Last but not least, we thank all speakers and presenters for sharing their work, the numerous big and small sponsors, the Austrian Economic Chamber (WKO) and everyone involved in planning and making this congress possible! We hope you enjoy the program, our fruitful discussions, to meet old and new friends, and of course the beautiful historical Vienna.

On behalf of the congress organizers and
the European Society of Tattoo and Pigment Research



Dr. Ines Schreiber
ESTP President



Dr. Milena Foerster
ESTP Board Member



Dr. Steffen Schubert
ESTP Board Member



Dr. Petra Hirtler
Local Medical
Coordinator

**THE EUROPEAN SOCIETY
OF TATTOO AND PIGMENT
RESEARCH (ESTP)**



The European Society of Tattoo and Pigment Research (ESTP) was founded in November 2013 in Copenhagen as an independent organization without economic and political interests. The aim of ESTP is to improve the knowledge about tattoos in today's daily life and to further develop the safety and quality of tattoos and permanent make-up (PMU).

ESTP serves as a platform for scientists, physicians, tattoo and PMU artists as well as manufacturers and distributors who wish to contribute to advancing the knowledge of tattoos and PMU. Furthermore, by pooling the expertise of various relevant fields, we deliver independent expert advice to public authorities and other parties. Since ESTP's inception, congresses have been held every two years in various European cities to provide opportunities for knowledge sharing and networking.

For more information, please visit:
estp-research.org

**THE CURRENT BOARD
OF THE ESTP**

President

- Ines Schreiber

Vice-President

- Jørgen Serup

Treasurer

Wolfgang Bäumlér

Board members

- Maurice Adatto
- Enzo Berardesca
- Katrina Hutton Carlsen
- Christa De Cuyper
- Michael Dirks
- Milena Foerster
- Urs Hauri
- Marie Leger
- Walter Liszewski
- Steffen Schubert
- Sebastiaan van der Bent
- Thijs Veenstra

Honorary ESTP member

- Anne Laumann

**FOLLOW US
AND LET'S CONNECT**



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estp-research.org



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JOIN THE ESTP AND SUPPORT EUROPEAN TATTOO AND PIGMENT RESEARCH

The most important aspect of becoming a member of ESTP is that you support the improvement and development of tattoo and pigment research in Europe.







Furthermore, a membership of ESTP will give you influence on this development. As an ESTP member you can vote for board members, and dependent on your membership category stand for election to the board.

For more information, please visit:
estp-research.org/membership

Membership categories and fees

	1 Year	3 Years
Ordinary Member Open to any Person supporting the society aims	50 €	90 €
Specialist member Clinical specialists and researchers with merits, Europeans	50 €	75 €
Junior member As above, in training or full time research	20 €	35 €
International member Clinical specialists and researchers with merits, non Europeans	50 €	75 €
Supporting member Societies, institutions and companies	100 €	150 €
Honorary member By nomination	0 €	0 €

ESTP member Benefits at a glance

-  Congress fee reduction at the biannual WCTP. Free electronic subscription of the peer-reviewed scientific journal named Dermatology (Karger AG, Switzerland)
-  All members are encouraged to submit dermatology articles to this journal, section “tattoo and body art”.
-  Members shall receive newsletters on new regulations, recently published research, relevant new information for the tattoo business including the tattooists and ink manufacturers.
-  Mailings for your update with invitation to contribute to public hearings: Members are invited by mail to give comments when ESTP shall respond to public hearings initiated by EU and other organisations. ESTP will make your voice heard.
-  Increase your contacts, friendships and network across borders between ESTP members, who meet at the biannual congresses organised in different European cities - such as Copenhagen, Bruges, Regensburg and Bern.
-  New projects you have and wish to expand: ESTP helps to establish project groups and new research in various aspects of tattoos and pigments. Bring your proposal and receive advices from ESTP with relevant contacts to members, who may join your project.



GENERAL INFORMATION

VENUE

Austrian Economic Chamber (WKO)
Schönburgstrasse 1 / Wiedner Hauptstraße 63
1045 Vienna, Austria

CERTIFICATE OF ATTENDANCE

Certificates of registered attendance can be downloaded from the congress website after the congress. An e-mail will be sent to everyone on the last day of the congress.

INTERNET

Free Wi-Fi is available in the congress area.
Choose "WKOAST" and confirm the user conditions.

ENTITLEMENTS

Registration for the congress includes admission to the full congress programme, coffee breaks and lunch, programme book, abstracts online, goody bag and certificate of attendance.

INFORMATION FOR SPEAKERS

Please bring your presentation on a USB stick. Please upload your presentation to the computer in the auditorium. An assistant will be present to help you if you have any problems. Please upload your presentation at least 1 hour before your session starts. Please note that we do not allow the use of personal laptops for presentations.

INFORMATION FOR POSTER PRESENTERS

Poster mounting: Posters can be mounted from 24 May at 12.00 pm when the registration starts. The Congress Secretariat will provide all necessary equipment to mount the posters.

Poster removal: Posters can be removed after the last session on 26 May at 15.00.

CONGRESS DINNER

Date: 25 May 2023 at 19.30 pm

Place: Restaurant Stöckl im Park (Prinz-Eugen-Straße 25, 1030 Vienna)

NB: The dinner is not included in the registration fee.

The participants will be served a buffet with meat and vegan options, including wine or beer.

WCTP2023 PROGRAM

Wednesday, 24 May

Time	Sessions & lectures	Link to abstracts
9:30 - 12:30	Tattoo & PMU Artist Educational Workshop	
13:00 - 13:40	Opening & Plenary Talk Chairs: Ines Schreiber, Steffen Schubert, Milena Foerster, Jørgen Serup	
13:00 - 13:10	Organizing Committee & ESTP Vice Chair Welcoming words by the organising committee	
13:10 - 13:40	The Archaeology of Tattooing: New Discoveries and Understandings Aaron Deter-Wolf	
13:40 - 14:00	Break	
14:00 - 15:40	1.5 years after REACH: Part I: Challenges in implementation Chairs: Ines Schreiber & Marko Sušnik	
14:00 - 14:20	Why chemicals policy matters for tattoo-pirates Marko Sušnik	
14:20 - 14:35	Save the Pigments! Erich Mähnert	
14:35 - 14:45	Impact of REACH regulation on tattoo inks' supply: Survey of French Tattoo Artists ONLINE Grenouille Karine	
14:45 - 14:55	Data collection on tattoo inks under REACH ONLINE Stefanie Lamm	
14:55 - 15:05	Show how the restrictions of reach have impacted the Danish tattoo industry? Esben Hammershøj	
15:05 - 15:20	REACH vs. National laws - current challenges Michael Dirks	
15:20 - 15:35	Legal issues after two years of entering into force of Regulation EU 2020/2081 and the CJEU decision about classification and labelling of titanium dioxide Luca Viola	
15:35 - 16:00	Coffee Break	

16:00 - 18:00	1.5 years after REACH: Part II: Future of chemicals in tattoo inks Chairs: Ines Schreiber & Urs Hauri	
16:00 - 16:10	ESTP perspective of the REACH restriction Steffen Schubert & Ines Schreiber	
16:10 - 16:25	Minimum requirements on tattoo inks - report on the new BfR commission ONLINE Peter Laux	
16:40 - 16:55	Tattoo inks: U.S. regulatory perspectives Linda Katz (FDA)	
16:25 - 16:40	The Modernization of Cosmetics Regulation Act of 2022 (MoCRA) John Misock	
16:55 - 17:15	The regulation of tattoos, tattooing and tattoo removal in Germany in historical perspective Claudia Schmidt	
17:15 - 17:45	Panel discussion It has been over one year that „Tattoo-REACH“ came into force and changed the European tattoo and PMU landscape. The session will address these changes with a focus on challenges for artists and manufacturers, and will provide insights in law enforcement and control approaches of selected EU member states and other stakeholders.	
18:00 - 19:00	ESTP Board Meeting	

WCTP2023 PROGRAM



Thursday, 25 May


Time	Sessions & lectures	Link to abstracts
9:00 - 10:20	Tattoo complications and clinical insights Chairs: Jørgen Serup & Petra Hirtler	
9:00 - 9:20	Tattoo complications: diagnosis and treatment Sebastiaan van der Bent	
9:20 - 9:40	Tattoos and "pandemics": COVID-19 and Monkeypox Nicolas Kluger	
9:40 - 10:00	Anaesthetic creams - complications Walter Liszewski	
10:00 - 10:20	Tattooing in psoriasis: A questionnaire based analysis of 150 patients Patrycja Rogowska	
10:20 - 10:40	Poster Pitches - each poster 1min Chair: Kasper Alsing	
10:40 - 11:20	Poster session & coffee break	
11:20 - 13:00	Basic science: Dermal in-vitro/in vivo studies Chairs: Walter Liszewski & Steffen Schubert	
11:20 - 11:40	Assessment of cytotoxicity and sensitization potential of intradermally injected tattoo inks in reconstructed human skin Joey Karregat	
11:40 - 12:00	Phototoxicity in vitro: A perspective on 2D and 3D skin models Ines Schreiber	
12:00 - 12:20	Histopathological patterns related to pigment exposure: An overview ONLINE Nataly Portilla-Maya	
12:20 - 12:40	Simulation of pigment metabolism by electrochemistry-mass spectrometry (EC-MS) Carina Wolf	
12:40 - 13:00	Toxicological impact of photodegraded organic tattoo pigments on human cultured keratinocytes Lise Aubry	

13:00 - 14:00	Lunch break	
14:00 - 15:40	Allergies & epidemiology Chairs: Christa DeCuyper & Sebastiaan van der Bent	
14:00 - 14:20	German tattoo patch test panel - results of the IVDK Steffen Schubert	
14:20 - 14:40	Patch testing in patients suspected of having a tattoo ink allergy Norbert Ipenburg	
14:40 - 15:00	Local enrichment of chemical-specific T cells in skin for tattoo allergen identification Katherina Siewert	
15:00 - 15:20	Development and validation study of the epidemiological tattoo assessment tool (EPITAT) Bayan Hosseini	
15:20 - 15:40	Identifying tattoo pigments in human skin samples with adverse reactions based on MXRF and LDI-MS imaging and mass spectral library matching Uwe Karst	
15:40 - 16:00	Coffee break	
16:00 - 17:00	Tattoo complications and removal Chairs: Wolfgang Bäumlner & Marie Leger	
16:00 - 16:20	Blue tattoos: Complaints and complications noticed real life Jørgen Serup	
16:20 - 16:40	Tattoos as a target of natural UV radiation and laser removal - facts and myths Wolfgang Bäumlner	
16:40 - 17:00	Water dispersion pigment PG7 and green concentrate treated by femtosecond laser Marilena Carbone	
17:00 - 18:00	GENERAL ASSEMBLY ESTP MEMBERS	
19:30	CONGRESS DINNER at Restaurant Stöckl im Park (Address: Prinz-Eugen-Straße 25, 1030 Vienna)	

WCTP2023 PROGRAM

Friday, 26 May

Time	Sessions & lectures	Link to abstracts
9:30 - 10:20	History of Tattooing & Tattoo Organisations Chairs: Marie Leger & Thijs Veenstra	
9:30 - 9:50	The view of a tattooer on the last 35 years Maik Frey	
9:50 - 10:05	Introducing the Council of European Tattoo Associations (CETA) Dolores Murray	
10:05-10:20	SRT - The Swedish association for tattoo artists Rebecca Ryrberg	
10:20 - 10:55	Cosmetic tattoos & Breast reconstruction Chairs: Marie Leger & Thijs Veenstra	
10:20 - 10:40	Breast reconstruction, retouching of scars and colour restoration ONLINE Andy Engel	
10:40 - 10:55	Impact of REACH resolution over European tattoo artists: Greying the horizon of breast cancer survivors ONLINE Alexia Cassar	
10:55 - 11:15	Coffee break	
11:15 - 12:40	Analytics: Market surveillance & ingredients of inks Chairs: Urs Hauri & Thijs Veenstra	
11:15 - 11:35	'REACH-compliant' tattoo inks under scrutiny Urs Hauri	
11:35 - 11:55	CVUA - Tattoo Ink Analytics and Market Surveillance Birgit Gutsche	
11:55 - 12:10	Compliance of tattoo and PMU inks related to the content of preservatives after one year of REACH restriction application Roberta Lavalle	

12:10 - 12:25	Polycyclic aromatic hydrocarbons (PAHs) in tattoo and permanent make-up inks and compliance to regulation (EU) 2020/2081: An investigation Claudi Leoni	
12:25 - 12:40	A statistical journey through the first year of the new EU regulation Veit Houben	
12:40 - 13:40	Lunch break	
13:40 - 14:50	Biokinetics & Biodistribution of tattoo inks Chairs: Walter Liszewski & Katrina Hutton Carlsen	
13:40 - 14:00	Semi-quantitative HPLC-analysis of banned organic pigments in tattoo inks Urs Hauri	
14:00 - 14:20	In vivo -exposure to tattoo inks - a short-time human biokinetics study on soluble tattoo ink ingredients Susanne Kochs	
14:20 - 14:35	Biokinetics of tattoo pigments - A study in pigs Janos Cambiaso-Daniel	
14:35 - 14:50	Investigating the biodistribution of iron oxide tattoo pigment: an experimental murine study Kasper Alsing	
14:50	Closing ceremony	

POSTER OVERVIEW

All poster abstracts have been made available for download on our website:

wctp2023.org/abstracts/posters



Poster number	Poster title	Authors Presenting author = underlined
P1	Long-term effects of tattoo ink pigments on immune skin cells	<u>Marianne Vitipon</u> , Bastien Dalzon, Thierry Rabilloud, Veronique Collin-faure
P2	Development of a new screening method for tattoo analysis using direct probe coupled to high resolution mass spectrometry	<u>Flavio Ciesa</u> , Marco Fontana, Manuela Agnello
P3	Why permanent make up (PMU) is not a lifetime application	<u>Eleni Andreou</u>
P4	Rebuilding lives: PMU areola and nipple complex reconstruction	<u>Paola Gateno</u>
P5	Medical training to become a state certified tattoo artist	<u>Frederike Marie Reischies</u>
P6	Areola tattooing after reach	<u>Frederike Marie Reischies</u>
P7	Tascc, a tool for relevant statistic	<u>Jens Bergström</u> , Rebecca Ryrberg
P8	Electroporation for PMU removal	<u>Eleni Andreou</u> , Sofia Hatziantoniou, Efstathios Rallis, Kefala Vasiliki
P9	Needling & camouflage for scar management	<u>Ina Bennoun</u>
P10	A preliminary study on volatile organic compounds (VOCs) determination in tattoo inks	<u>Costanza Majorani</u> , Claudia Leoni, Emanuele Berardi, Luca Fava, Sonia D'Ilio

P11	An Italian study on chemical safety of commercial tattoo and permanent makeup inks	<u>Costanza Majorani</u> , Claudia Leoni, Emanuele Berardi, Sonia D'Ilio
P12	Overview of Italian projects on hazardous substances in tattoo and permanent make-up inks	<u>Luca Fava</u> , Luigia Scimonelli, Marco Fontana, Manuela Agnello, Flavio Ciesa, Claudia Leoni, Costanza Majorani, Marco Famele, Roberta Lavalle, Rosa Draisci, Sonia D'Ilio
P13	In vivo and in vitro effects of blue tattoo ink on redox homeostasis	<u>Jan Homolak</u>
P14	Tattoo complications seen at the dermatology department	<u>Katrina Hutton Carlsen</u> , Jørgen Serup
P15	Monkeypox and tattoos: a scoping review in view of the recent outbreak	<u>Antonella Tammaro</u> , Ganiyat Adenike Adebajo, Francesca Romana Parisella, Camilla Chello, Fabiola Luzi, Gabriella De Marco
P16	Preliminary survey on tattoo aftercare: indications and management	<u>Antonia Pirrera</u> , Giuseppe D'Avenio, Paola Meli, Daniele Giansanti
P17	Can the use of digital technologies enhance the safety of tattooing practices?	<u>Antonia Pirrera</u> , Daniele Giansanti
P18	Outcome of surveillance for tattoo inks in Italy: the scenario after reach introduction	<u>Roberto Mua</u> , Manuela Agnello, Bolognese Denis, Luana La Riccia, Marco Fontana, Flavio Ciesa

SPONSORS OVERVIEW



VonBerg Pharma specializes in the production of premium tattoo and PMU pigments. Our unique manufacturing processes have set us apart since 2008, and we are committed to manufacturing processes that prioritize health and push the boundaries of the industry.

At VonBerg Pharma, we are committed to achieving the premium quality in pigment manufacturing. Our internal regulatory affairs team works tirelessly to ensure we are meeting the highest standards and ECHA REACH compliance. All products are crafted with your brand's reputation in mind.

With years of experience and a commitment to innovation and safety, we continue to set the standard for excellence in tattoo and PMU pigments, as well as a wide range of aftercare products.

You can trust in our products to deliver outstanding performance and an exceptional experience for both artists and clients.

The greatest PMU and Tattoo artists of all times are choosing pigments produced at VonBerg Pharma.

vonbergpharma.com



As those who have been positioning brands for decades, calling the international tattoo industry by its first name and being in the front row of associations - they simply know their stuff. We know the harsh charm of the tattoo world and how to communicate honestly.

www.bhc.ag/tattoo



Wildcat was founded in 1989 and over the past 34 years has become a world leader in piercing jewelry and piercing and tattoo supplies through great innovations. Wildcat is present in many countries and operates numerous Wildcat stores.

Quality and safety, among other things, are the most important values of the company. Therefore, it is a matter of course for Wildcat to support national and international interest groups of the piercing and tattoo industry as well as various initiatives for many years. Among others Wildcat supports the Savethepigments initiative with experience and expertise and is a member of the ESTP and several other piercing and tattoo associations.

Wildcat already supported the last WCTP congress in 2021 as a sponsor and also this year the company is happy to support tattoo science and research as a sponsor.

www.wildcat.de



SKIN STORIES - Don't let your stories fade. Each tattoo tells an individual story a lifelong memory.

To keep tattoos beautiful and sharp for as long as possible, leading scientists at Beiersdorf with skin care and wound healing expertise collaborated with tattoo experts to develop a care series especially for tattooed skin. Our SKIN STORIES product range offers a complete tattoo care routine from after care, to daily care and sun protection. All SKIN STORIES products contain our unique InkGuard Technology® to prevent tattoo aging and thus fading of colors and contours. Because tattooed skin is a different story...

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Eternal Ink is a trusted brand among tattoo artists worldwide, setting strict standards in product consistency, quality ingredients, and outstanding performance.

Eternal Ink takes pride in knowing that artists trust their products for decades. With the EU REACH bill in effect, Eternal Ink now offers a range of EU-compliant tattoo inks, while still meeting the expectations of skilled and sophisticated artists. We know that consistency is critical to you, your art and your reputation, which is why Eternal Ink quality controls every step of the process.

We know because we are artists, too. That is the real secret of Eternal Ink... Made for artists by artists.

eternaltattooink.com



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Ever After Pigments, where quality and innovation meet in the world of permanent makeup pigments.

We are proud to offer a range of pigments that have undergone years of rigorous medical testing, ensuring 100% satisfactory results for even the most sensitive skin. Our pigments were originally designed for machine use but have since been adopted by the microblading industry, delivering unparalleled color retention and longevity.

We understand that pigment retention is key to customer satisfaction, which is why we take great pride in our products and constantly strive to improve and innovate. Our team of experienced professionals, with backgrounds in permanent makeup, body tattooing, chemistry, and medicine, are dedicated to staying ahead of the curve in an ever-evolving industry.

Choose Ever After Pigments for predictable, high-quality results that will keep your customers coming back for more.

everafterpigments.com



Anonymus.Ink

Hey my name is anonymus.
ink aka Alex, resident artist &
joint owner of a small studio in
Dresden, Saxony, Germany.

Together with my colleague lydia.ink aka Lydia, we founded our studio at the end of 2020. Our styles move between Finesline, Neo-Traditional, Comic/Manga mainly in black and white, but also now and then in color, where it has recently become very important to stay up to date.

That's why I think it's right and important to participate in things like the tattoo study of the Charité in Berlin, as well as congresses like the WCTP in Vienna."

[instagram.com/anonymus.ink](https://www.instagram.com/anonymus.ink)

ASSOCIATION SPONSORSHIPS



Norsk Tattoo Union
Tattoo association in Norway

norsktattoounion.no



Dansk Tatovør Laug
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dansktaoerlaug.dk



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