

Institute of
**Cannabis
 Research**
 COLORADO STATE UNIVERSITY PUEBLO



Cannabis Research Conference 2025

UPDATE!!! New Date for the CRC 2025! Oct 6-8th!

The 9th Annual Cannabis Research Conference (CRC) will be held on October 6-8, 2025, at the [Sentinel Hotel](#) in downtown Portland, Oregon.

This is the premier event in the cannabis RESEARCH 2025 calendar, allowing you to delve into recent advancements and future possibilities in cannabis and hemp science.

2025 is no better time to connect with cannabis experts actively conducting new research and business ventures in:

- Biology and Chemistry, of Cannabis
- Agronomy and Plant Physiology of Cannabis
- Economic Development, Policy and Regulation
- Cannabis Education
- Hemp Cultivation, Processing, and Uses
- Medical and Clinical Research
- Quality Assurance and Quality Control of Cannabis Products

Join us in exploring NEW cannabis research frontiers...

www.CannabisResearchConference.net

Submit a Session Proposal: Deadline April 7, 2025 Click here for details and application:

[CLICK HERE:](#)

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9th Annual
**CANNABIS
 RESEARCH
 CONFERENCE**
OCTOBER 6-8, 2025
 PORTLAND, OREGON

Join Us in Exploring
 NEW
 Cannabis
 Research Frontiers..

Cannabis Research Fundraising Event



1st Annual Dinner for the Advancement of Cannabis Science

The ICR's first annual Dinner for the Advancement of Cannabis Science was a great opportunity to interact with stakeholders and leaders that recognize the need for cannabis research. Attendees enjoyed a video address from Colorado Governor Jared Polis, as well as an address from former State Representative, Mr. Ed Perlmutter. Nancy Whiteman (Founder of Wana Brands) shared a message which was delivered by Mike Hennesy (Vice President of Innovation at Wana Brands). Ms. Paige Figi of Coalition for Access Now was celebrated for her advocacy for patient access to cannabis therapeutics, especially for families that have relocated to gain access to life changing help for their children. Her work is inspired by her daughter Charlotte's battle with Dravet syndrome.

The ICR aims to make this an annual event to develop awareness of cannabis research as well as develop donor support to accelerate the pace of this research. The event generated over \$35,000 that will be directly used to support cannabis research conducted here in Colorado. This could not have been accomplished without the support of some amazing people and organizations, and we thank you all for your energy, commitment, and generosity. We encourage you to share this opportunity with your colleagues and all those you know who would like to contribute to this important area of research. If you were not able to attend this year, we hope that you will be able to make it in 2026. The advances we make in our knowledge and understanding of cannabis science will create positive impacts in medical and clinical uses, in psychology, education, will aid in protecting public health, help to create informed policies and have influence by effecting change in many other areas. Again, thank you for supporting our first annual dinner and we look forward to hosting this next year!



Journal of Cannabis Research



Journal of Cannabis Research


The *Journal of Cannabis Research* (JCR) is the official publication of Institute of Cannabis Research. It is the only broadly multidisciplinary journal of cannabis research, encompassing not only clinical and scientific research, but also research into social, business, economic, legal, environmental, and ethical impacts of cannabis use and the changing legal status of cannabis. To learn more about the aims and scope of the journal as well as submission guidelines, please visit: [Journal of Cannabis Research](#)

Recent Articles:

- [Oral cannabidiol did not impair learning and memory in healthy adults](#)
- [CBD for pets: navigating quality assurance, safety standards, and marketing strategies](#)

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Journal of Cannabis
Research

Upcoming Webinars



Sarah D. Lichenstein, PhD

CANNABIS RESEARCH WEBINAR SERIES

March

TITLE: Neural mechanisms of risk for problem-level cannabis use among emerging adults

DATE: March 13th, 1:00PM MST [REGISTER HERE:](#)

Dr. Lichenstein is a licensed clinical psychologist, an Assistant Professor of Psychiatry, and Assistant Director of the Yale Imaging and Psychopharmacology (YIP) Lab at Yale School of Medicine. She received her BA in Psychology from Bard College (2008), and her PhD in Clinical Psychology from the University of Pittsburgh and the Center for the Neural Basis of Cognition (CNBC) in 2018. Related lines of work have focused on assessing cannabinoid effects of the brain, investigating multivariate predictors of risk for substance use initiation and escalation, and examining neural mechanisms of substance use disorder treatment outcomes.



Andrew Kesner, PhD

CANNABIS RESEARCH WEBINAR SERIES

April

TITLE: Preclinical modeling of spontaneous Δ -9-tetrahydrocannabinol withdrawal symptoms in mice: sleep, dopamine, and behavioral maladaptations

DATE: April 10th, 1:00PM MST [REGISTER HERE:](#)

Dr. Kesner is the Chief of the Unit on Motivation and Arousal at National Institute on Alcohol Abuse and Alcoholism (NIAAA). The mission of his lab is to use systems neuroscience approaches to understand how brain systems controlling motivated behaviors and sleep/arousal processes interact to drive maladaptive behaviors. He earned both his B.A. in Behavioral Biology and Ph.D. in Biology from Johns Hopkins University. Dr. Kesner moved to the National Institute on Alcohol Abuse and Alcoholism (NIAAA) as a Postdoctoral Researcher in Dr. David Lovinger's Laboratory for Integrative Neuroscience prior to starting his independent lab as an NIH Independent Research Scholar in Fall of 2021.

Upcoming Webinars



CANNABIS PLANT SCIENCE & CULTIVATION SERIES **March**

DATE: March 19th, 11:00AM MST [REGISTRATION](#)

TITLE: Genetic, molecular and biochemical studies on the accumulation of bioactive compounds in Cannabis sativa L.

Dr. Roberta Paris studied at the Alma Mater Studiorum, University of Bologna, where she obtained the PhD in Cellular and Molecular Biology in 2006. She is a permanent researcher at Council for Agricultural Research and Economic, Research Centre for Cereal and Industrial Crops, Bologna site (Italy). She has experience in biotechnology and molecular biology mainly applied to industrial crops. Present research interests include Genetics and Functional Genomics in Cannabis sativa L. (hemp and drug-type). She is involved as co-coordinator in the National project CaRIFIT 2022 focused on seed hemp breeding and research

Webinar Archive

The Institute of Cannabis Research has hosted the Cannabis Research Webinar Series since October 2020 and the Cannabis Plant Science and Cultivation Series since February 2022. These webinars showcase expert speakers who provide cutting edge scientific information on a variety of cannabis-related topics. Currently, these webinars are co-managed by the Institute of Cannabis Research at CSU Pueblo along with the Lambert Center at Thomas Jefferson University and The Volcani Institute in Israel.

We have created an archive of these two webinar series which are located on our webpage for your reference. We now have over 50 webinars and we cordially invite you to access these anytime. Please click below to link to our webinar archive.

[**Webinar Archive**](#)

A Deeper Look At Hemp

Photos by Dr. Eun-Soo Kim

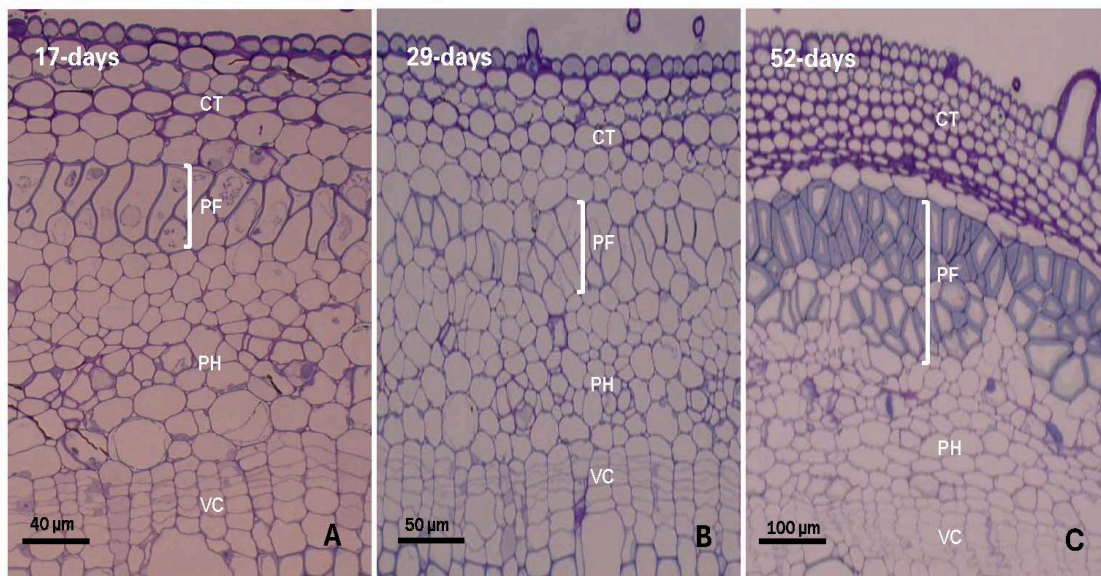


Development of Bast Fibers in Cannabis Stem

Light microscopical images of Cannabis stems at different developmental stages such as 17-, 29-, and 52-days after sowing. (A) Initial cells of phloem fibers (PF) at 17 days showing the active cell division. (B) The PF cells are gradually differentiated in the cortical zone at 29 days showing the characteristics of fiber cells. (C) The PF cells are becoming more mature at 52 days showing the prominent secondary cell wall. The samples were stained with toluidine blue and basic fuchsin.

Abbreviations: CT, cortex; PF, phloem fiber; PH, Phloem; VC; vascular cambium.

Image courtesy of Dr. Eun-Soo Kim (ICR). Kim et al. (2021), AoB Plants 13(4)



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