



Institute of Cannabis Research

COLORADO STATE UNIVERSITY PUEBLO

2025 Cannabis Research Conference

Save the Date!

The 9th Annual Cannabis Research Conference (CRC) will be held on October 1-3, 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

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Mark Your Calendar!

First Annual Dinner for the Advancement of Cannabis Science

February 25, 2025 • 6pm

📍 History Colorado Center
1200 N Broadway, Denver, CO 80203

ICR Award for Excellence: Paige Figi
Honoring Paige's impassioned advocacy for
patient access to cannabis therapeutics

KEYNOTE SPEAKERS

Jared Polis
Governor of Colorado

Ed Perlmutter
Former U.S. Representative

Nancy Whiteman
Co-founder, Wana Brands

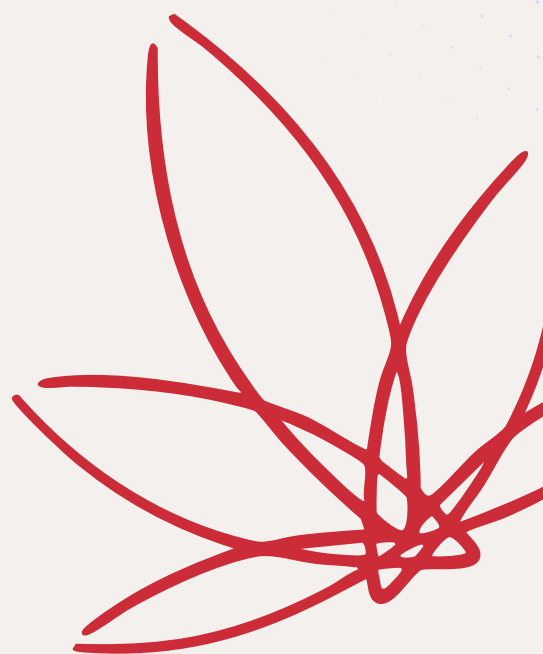


Easy Register
using QR Code

Questions? Contact
303-698-1151 or go to
the [ICR Website](#)



The Institute of Cannabis Research was created by the State of Colorado to support independent, unbiased, cannabis research to improve and protect human health.



Institute of Cannabis Research



The ICR is proud to announce release of the whole genome sequence for *Cannabis sativa* L. as part of a collaboration with Professor Jung Dae Lim and his colleagues in several departments at [Kangwon National University](#) – Chuncheon South Korea. The DNA sequenced from a new and important variety of Cannabis plant known as **Pink Pepper** developed at Kangwon National University. The variety's name 'Pink Pepper' comes from its unique and striking coloration. This research also involved collaboration with colleagues at the [Korean National Academy of Agricultural Sciences](#), and the [Chuncheon Bioindustry Foundation](#).

We are also proud to announce the publication of this research in the journal by [“Scientific Data”](#). The full genome sequence is available through NIH's [National Center for Biotechnology Information's](#) website and the sequence is identified as the reference genome for *Cannabis sativa* L.

The first author on the publication is Mr. Byeong-Ryeol Ryu, a visiting graduate student from Kangwon National University in South Korea, has been working in Dr. Sang-Hyuck Park's research group at the ICR. For inquiries about the Pink Pepper project, please contact Dr. Sang-Hyuck Park at sanghyuck.park@csupueblo.edu.



Image of Pink Pepper

REMINDER: 2025 CMCR Symposium

**Utah's CMCR will be hosting its 2nd Annual Research Symposium on
January 21st, 2025 - 9:00 AM - 4:00 PM
The Cleone Peterson Eccles Alumni House - University of Utah**

Utah's Center for Medical Cannabis Research (CMCR) is excited to host two exceptional researchers (Ryan Vandrey, PhD and Rosalie Pacula, PhD) who have made lasting contributions to the national conversations surrounding cannabis research and the broader impact of cannabis policies.

[REGISTRATION IS REQUIRED HERE](#) BY FRIDAY, JANUARY 10.
For more information you can visit the [CMCR Symposium webpage](#).

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](https://www.institutecannabISR.com/journal-of-cannabis-research)

Recent Articles:

[Changes in health-related quality of life over the first three months of medical marijuana use](#)

[Association between cannabis use and physical activity in the United States based on legalization and health status](#)

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Journal of Cannabis
Research

Upcoming Webinars



Kevin Boehnke , PhD

CANNABIS RESEARCH WEBINAR SERIES

January

TITLE: Thoughtful approaches to chronic pain and cannabis research

DATE: January 9th, 1:00PM MST [REGISTER HERE:](#)

Kevin Boehnke is an Assistant Professor in the Department of Anesthesiology and the Chronic Pain and Fatigue Research Center. Kevin received his doctorate from the University of Michigan School of Public Health in Environmental Health Sciences in 2017. He is also a yoga instructor. His current research focuses on therapeutic applications of cannabis and psychedelics. His goal is to rigorously assess appropriate use of these substances and to help address the public health harms caused by their criminalization.



RESAT CINAR, BPharm, PhD, MBA

CANNABIS RESEARCH WEBINAR SERIES

February

TITLE: Cannabinoid Receptor 1 in Lungs: Driving under the influence of endocannabinoids and cannabinoids towards inflammatory lung diseases

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

Dr Resat Cinar is a principal investigator and the chief of Section on Fibrotic Disorders at the National Institute on Alcohol Abuse and Alcoholism (NIAAA), National Institutes of Health (NIH) since January 2021. His research identified two lead compounds with therapeutic efficacy and druggable features in preclinical studies of fibrosis and metabolic disorders. These compounds are licensed by Inversago Pharma, since acquired by Novo Nordisk.

Dr Cinar's current research at NIH focuses on understanding the cellular and molecular mechanisms of cannabinoid 1 receptor signaling in inflammatory and fibrotic lung diseases.

Upcoming Webinars



CANNABIS PLANT SCIENCE & CULTIVATION SERIES **No Webinar for January 2025**



Kimberly Gwinn, PhD,

CANNABIS PLANT SCIENCE & CULTIVATION SERIES **February**

DATE: February 19th, 11:00AM MST [REGISTRATION Available Here Soon](#)

TITLE: TBA

Kimberly D. Gwinn is a Professor of Entomology and Plant Pathology at the University of Tennessee. Her lab currently investigates natural products that are produced by plants and microbes and their uses as medicines and as bio-pesticides. She has also explored the production of toxins produced by fungi and their negative impacts on humans and animals. Dr. Gwin directs Explore BiGG Data, a summer research program focused on training women in bioinformatics, genetics, and genomic sciences. She received her Ph.D in Plant Pathology from North Carolina State University.

A Deeper Look At Hemp

Photos by Dr. Eun-Soo Kim

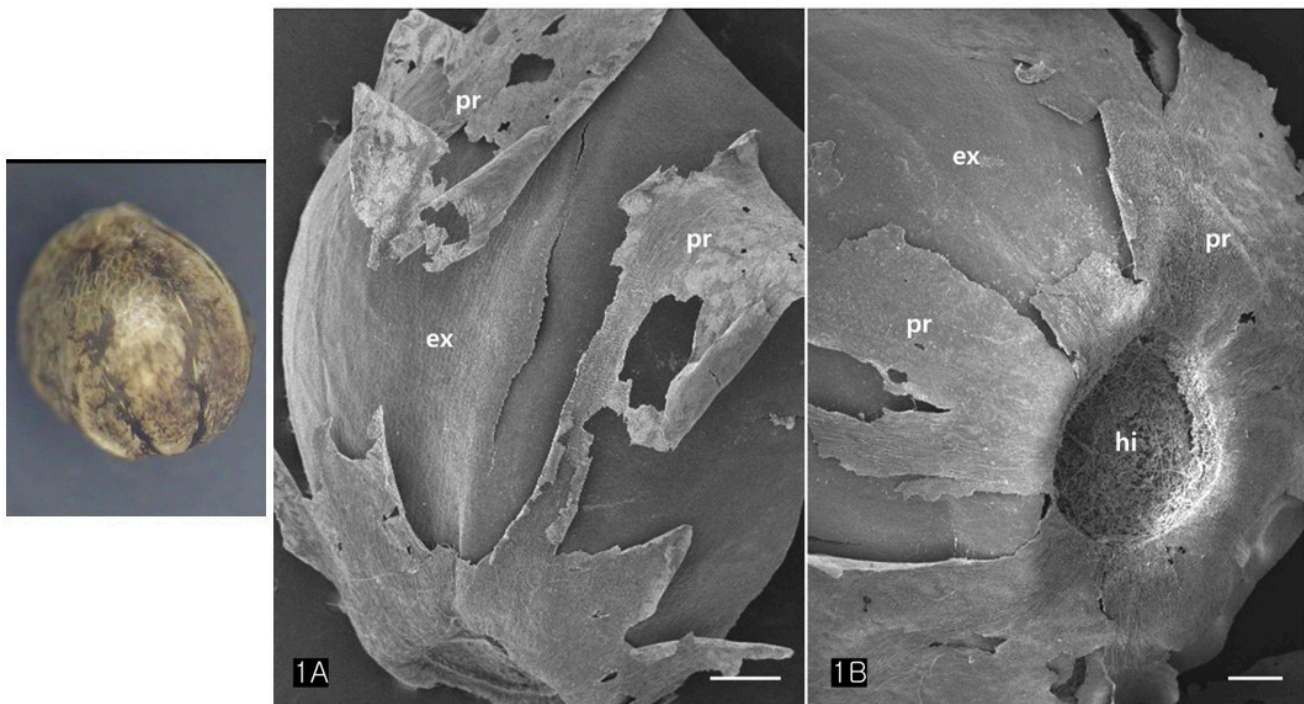


Scanning electron micrograph (SEM) of a mature hemp achene. 1A. Partially remained perianth is distinctively visible on the achene. 1B. The basal view of the achene shows some parts of the perianth are attached to the hilar region.

Abbreviations: ex, exocarp; hi, hilum; pr, perianth. Scale bars (1A)=500 μ m; (1B)=400 μ m.

Image courtesy of Dr. Eun-Soo Kim (ICR).

Kim et al. (2023), J. Nat. Fibers 20(2), 2216951



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