

University obtains new patent for poison ivy, oak vaccine

University of Mississippi
The University of Mississippi has been issued its fourth patent for a product that could prevent the painful itching and rash due to exposure to poison ivy, poison oak and poison sumac.

The compound is based on research conducted in the UM School of Pharmacy and at ElSohly Laboratories Inc. Hapten Sciences, a Memphis-based biopharmaceutical company, obtained a worldwide, exclusive license for the technology from the university in 2010 and has conducted extensive pre-clinical and clinical devel-

opment work since then. "We are delighted to be a partner with the University of Mississippi to develop this novel and important product candidate, and look forward to continued development to seek regulatory approval so that we can provide it to people that suffer from contact dermatitis caused by poison ivy, oak and sumac," said Raymond J. Hage Jr., CEO and president of Hapten Sciences.

The compound is a small molecule that acts like a vaccine or immunotherapy to prevent itching and rash after exposure to a sap oil

found in poison ivy, poison oak and poison sumac plants. One or more of these common poisonous plant species are found throughout the contiguous U.S., from woodlands and fields to parks and backyards.

Approximately 85 percent of the population is allergic to poison ivy, poison sumac or poison oak, according to the American Skin Association. It is the most com-

mon allergic reaction in the U.S., affecting as many as 50 million Americans each year.

A Phase I safety study on the compound was completed by Hapten Sciences in 2017. In 2018, the company initiated a second clinical study to evaluate the safety and biologic activity in subjects who tested positive to poison ivy.

Hapten Sciences expects results from the study in the second half of this year.

"We are excited about this next phase of our partnership with Hapten Sciences," said Josh Gladden, UM vice

chancellor for research and sponsored programs. "The most important outcome of our research mission is the impact it creates on society, and commercialization of technologies developed at UM is an important and growing part of that."

The patent, issued by the U.S. Patent and Trademark Office, part of the U.S. Department of Commerce, is No. 10,322,103. This is the fourth patent surrounding the compound, with previous patents covering its active pharmaceutical ingredient and other key aspects of the product's formula-

tion. "This fourth patent adds to a substantial portfolio of intellectual property," said Allyson Best, director of the UM Office of Technology Commercialization. "We appreciate Hapten's continued investment in the development of this important product to help individuals who are so negatively affected by poison ivy." Hapten Sciences is dedicated to identifying and developing novel, early stage products that will significantly contribute to the health and well-being of people around the world.



I have often said God inspired two books. The book of nature and the Bible. Even though this two-book thought scares some of my Christian friends, it's really easy to defend. David, the revered king of Israel wrote, "The heavens declare the glory of God; the skies proclaim the work of his hands. Day after day they pour forth speech; night after night they reveal knowledge. They have no speech; they use no words; no sound is heard from them. Yet their voice goes out into all the earth, their words to the ends of the world." What he was saying was, God authored the book we call nature, and that he inspired it to tell us some things about Himself. It was Paul, the writer of most of the New Testament, who said, "For ever since the world was created, people have seen the earth and sky. Through everything God made, they can clearly see his invisible qualities—his eternal power and divine nature." What he too was saying was, God authored the book we call nature, and he inspired it to reveal some things about Himself. Paul, however, made an additional point. It was this. "So,

skies proclaim the work of his hands. The question however is this. "What's the purpose in knowing?" While knowing is better than not knowing; just knowing about something doesn't necessarily add anything significant our life. But knowing about God DOES bring something significant to one's life. It brings a contemplation beyond ourselves. It causes us to think outside our own world. It causes us to think about something deeper than mere existence. The purpose of knowing is to find purpose in our knowing. It is to understand when God revealed Himself to us, it was so that we might understand we are in God's mind and in His plan. And if I am in God's plan in such a way as He would write the book of nature in order to connect with me; I must be a special part of that plan. And you are too.

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3 CEMETERY PLOTS in Odd Fellows Cemetery, Lexington, known as Lot No. 606 in the 1967 Addition. Includes a Trust Receipt, No. 376, held in trust by the City of Lexington with the interest to be used for the upkeep and maintenance of Lot 606. Call Bruce Hill at 662-417-9944 to arrange for transfer of Trust Receipt and warranty deed for Lot 606. \$1500 total. 2-1ftfn

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Dr. Arenia C. Mallory Community Health Center, Inc. "Enter A Patient, Leave A Friend"

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Website: www.mallorychc.org

Dr. Arenia C. Mallory Community Health Center, Inc. (Mallory CHC) is currently accepting applications for the following positions:

LPN (LICENSED PRACTICAL NURSE)

POSITION SUMMARY:

The LPN functions under the supervision and guidance of the Nursing Supervisor and participates in the multi-disciplinary process of providing care and treatment to patients and provides clinical support and technical assistance to the professional medical and other staff. Individual must be able to manage demanding workload with accuracy. Position requires excellent customer service skills with patients, and their families, other staff, physicians, vendors, and the public. At Mallory Community Health Center, LPNs treat patients of all ages. Their tasks might include giving immunizations to children; performing routine lab tests on an elderly man; or assisting a doctor with a pelvic examination on a pregnant woman. Additional tasks include, but are not limited to:

Triage

LPNs are expected to perform triage functions, either in person or on the telephone. Triage is a process used to determine priority of care. The triage nurse must assess the patient, determine whether he needs to be seen and obtain care for him. In some cases, the triage nurse might determine that the patient should receive emergency treatment or that he should be transferred to a hospital. Triage nurses usually work with physicians or RNs to ensure safety and proper care for patients.

Physician Support

One important role for LPNs in an outpatient clinic is to support the physician. An LPN might be responsible for collecting equipment for a procedure; assisting during the procedure or examination; and cleaning up afterward. In addition, the LPN is often responsible for collecting specimens, such as urine, or performing phlebotomy duties to obtain blood for lab tests. The LPN might also keep the exam room stocked with supplies or make referrals for diagnostic tests and other care outside of the clinic.

QUALIFICATIONS & EDUCATION REQUIREMENTS:

- Current MS LPN License Required.
- Current Infection Control Certificate Is Required.
- Basic Life Support (BLS) Certification Is Required.
- Minimum Three Years of Experiences in a Health Related Agency or Facility.
- MS Board Of Nursing Certification
- Background Check Is Required
- TB Skin Test Is Required
- Must Be Able To Travel
- Must Have Electronic Medical Records Experience

Benefits Packages Includes:

- Health (Medical) Insurance
- 10 Days of Holiday Pay
- Vacation and Sick Leave Packages
- Student Loan Forgiveness Programs
- Guaranteed Work Schedule/ Flexible Hours for Work/Life Balance

In addition, your compensation package includes the following - Health insurance paid up to 75%, 403B Retirement Plans, Free Basic Life and AD&D Insurance, Vision and dental insurance, MCHC Employee Patient Privileges, Free 24/7MDLive Access (Telehealth), Met law/Identity Monitoring and Protective Services and more.

Job Type: Full-time / 12 months

Salary Range: \$18.50 to \$20.28 (Commensurate with experience and qualifications)

**To Apply FAX or Email Resumes` to MCHC Human Resource Department
Fax: (662) 834-1024 or Mchc.humanresources@mallorychc.org**

Application Acceptance Period:

Opens: Wednesday, June 19, 2017 · Closes: Wednesday, July 10, 2017
· Dr. Arenia C. Mallory Community Health Center is an Equal Opportunity Employer ·