

INTERNATIONAL CONFERENCE

01

Scientific Research in Unani Medicine: Current Trends and Approaches



AYURSWASTHYA YOJANA SCHEME Govt of India



Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology)



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Scientific Research in Unani Medicine: Current Trends and Approaches

> 21-22 February, 2024 Jamia Hamdard, New Delhi







Theme of Event: International Conference on "Scientific research in unani medicine: current

trends and approaches"

Name: Inaugration, registration and keynote addresses

Date of Event: 21st February, 2024

Location of Event: HAH Archives Auditorium, Jamia Hamdard

Attendees: 900+

Introduction

International Conference 2024 was organized by Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology), Bioactive Natural Product Laboratory, Jamia Hamdard in association with CCRUM, UDMA and SFE on 21st-22nd February 2024, at New Delhi, India under Ayurswasthya Yojana of Ministry of Ayush, Govt of India at HAH Archives Auditorium, Jamia Hamdard, New Delhi, India.

The Conference and workshop reviewed, discussed, and explored the theme Scientific research in Unani medicine: current trends and approaches and Capacity building of AYUSH professionals. The conference focused on Current Trends and approaches in research on Unani Medicine with emphasis on development of synergy-based products with scientific validation of traditional claims. The first day of the conference featured registration, an inaugural ceremony, and keynote addresses. Following this, the second day comprised plenary sessions/panel discussions covering topics on management of chronic diseases (esp. liver and kidney) in Unani medicine: opportunities and challenges, and modernization of Unani dosage forms: current need and Unani principles. Additionally, there were short lectures by young faculty members, accompanied by scientific poster/oral presentations. The valedictory session marked the conclusion of the conference, where recipients of the Hakeem Abdul Hameed Young Researcher Awards, along with the best poster and oral presenters, were acknowledged and felicitated. Additionally, sponsors were recognized and appreciated for their valuable contributions to the success of the event. The workshop mainly focused on skill development with demonstration in the emerging areas of research in Unani Medicine especially In silico Network Pharmacology, AI in data analytics, Zebrafish as a Screening model and In vitro Cytotoxicity of herbal drugs.

Over 900 participants, including delegates, volunteers, students, and guests, registered for the conference from both national and international backgrounds. Distinguished speakers from India and abroad, including Italy and Saudi Arabia, shared their expertise in the traditional system of medicine with the audience. Additionally, Unani manufacturers such as Limra Remedies and Nasreena (New Royal Products) set up stalls to exhibit their top-selling products.

Jamia Hamdard is a prestigious institution renowned for its academic excellence, and has been recognized as an Institution of Eminence by Govt. of India. The School of Pharmaceutical Education and Research at Jamia Hamdard one of the oldest and most reputed Pharmacy Institutes of India, has been consistently *ranked #1* amongst the Pharmacy Schools of the country (NIRF 2017, 2019, 2020, & 2021, Ministry of HRD, Govt. of India). The Bioactive Natural Product Laboratory, is a well-equipped laboratory in the Department of Pharmacognosy and Phytochemistry recognized as a Centre of Excellence in Unani Medicine by the Ministry of Ayush, Government of India, is engaged in significant researches on traditional medicines and herbal drugs, with several academic and industrial collaborations both Nationally and Internationally.

The inauguration ceremony of the conference was widely covered by several media outlets, including **Avadhnama**, **Sadaewaqt.com**, **Adbi Miras**, **Sahafat**, **and Hindustan Express**, highlighting the event's significant success and impact.

Summary

The conference began with a warm welcome extended to all esteemed dignitaries, participants, and guests. Dignitaries were greeted with traditional tokens of appreciation, including a planter, shawl, and momento. The minute-to-minute program is provided in **table 1**. The event commenced with a soulful recitation of the Holy Quran, symbolizing the spiritual commencement of the proceedings and invoking blessings for its success. The atmosphere was further enriched by the melodious rendition of the Hamdard Tarana, echoing the cultural richness of the institution. **Prof (Dr) Sayeed Ahmad**, Director of the Centre of Excellence in Unani Medicine, Jamia Hamdard, delivered a heartfelt welcome note, setting the tone for the conference. Organizing Chairman, **Prof (Dr) Asim Ali Khan,** Dean of SUMER, Jamia Hamdard, provided insights into the objectives and vision of the Centre of Excellence. Organizing Co-Chairman, **Prof (Dr) Farhan Jalees Ahmad**, Dean of SPER, Jamia Hamdard, introduced the theme of the conference,

highlighting its significance and relevance in current times. The release of the Abstract Book by dignitaries on the dais and the Coordinator Scientific Committee, Dr Rabea Parveen & Dr Bushra Parveen, marked a significant milestone in the conference proceedings, showcasing the breadth and depth of research contributions. Esteemed Guest of Honor and Special Guests graced the occasion with their insightful addresses, sharing their expertise and perspectives on the conference theme. Notable speakers included Prof (Dr) Pulok K Mukherjee, (Dr) Abdul Wadud, Prof (Dr) Marco Leonti, and Dr CK Katiyar. Their speeches provided valuable insights and set the stage for enriching discussions. The Presidential remarks by Vice Chancellor, Jamia Hamdard, Prof (Dr) M Afshar Alam, underscored the institution's commitment to academic excellence and research advancement. Prof. Pulok K. Mukherjee and Prof. Marco **Leonti** provided enlightening keynote addressess, offering valuable insights into various facets of medicinal research and the utilization of botanical drugs. Prof. Mukherjee's presentation, titled "Metabolomic and ethnopharmacology: exploring ancestral medicine," delved into the intersection of traditional medicine and modern scientific approaches and explain the concept of synergy as the combined therapeutic effects achieved when multiple plant compounds interact synergistically within the body to produce enhanced health benefits. On the other hand, Prof. Leonti's address, "How taste shaped the use of botanical drugs," explored the influence of sensory perception on the application of medicinal plants. These addresses significantly enriched our understanding of these subjects. Following these engaging presentations, **Dr. Mohammad Ahmad Khan**, Department of Pharmacology at SPER, Jamia Hamdard, extended a vote of thanks. His acknowledgment concluded the inaugural program on a high note, highlighting the seamless coordination and the resounding success of the event.

Table 1: Inaugural program

02:30 - 02:35 PM	Welcome to the Dignitaries
02:35 - 02:40 PM	Recitation of Holy Quran
02:40 - 02:45 PM	Hamdard Tarana
02:45 - 02:50 PM	Welcome note by Prof (Dr) Sayeed Ahmad, Director, Centre of
	Excellence in Unani Medicine, Jamia Hamdard
02:50 - 02:55 PM	Introduction to CoE by Organizing Chairman, Prof (Dr) Asim Ali
	Khan, Dean, SUMER, Jamia Hamdard

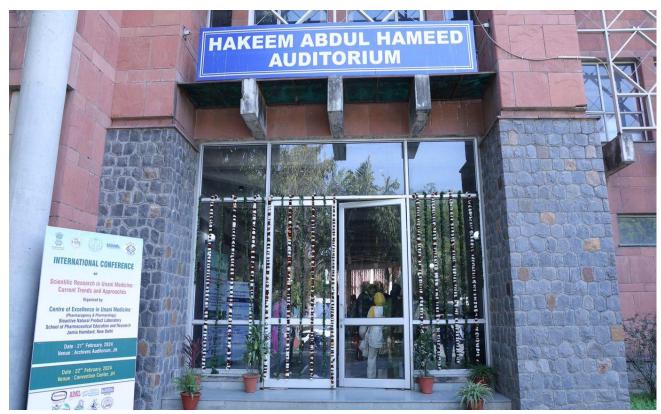
02:55 - 03:00 PM	Introduction to Theme of conference by Organizing Co-Chairman,
	Prof (Dr) Farhan Jalees Ahmad, Dean, SPER, Jamia Hamdard
03:00 - 03:05 PM	Release of Abstract book by dignitaries on dais and Coordinator
	Scientific Committee, Dr Rabea Parveen & Dr Bushra Parveen
03:05 - 03:10 PM	Address by Guest of Honor, Prof (Dr) Pulok K Mukherjee,
	Director, IBSD, Imphal
03:10 - 03:15 PM	Address by Guest of Honor, Dr Raman Mohan Singh, Director,
	PCIM&H
03:15 - 03:20 PM	Address by Guest of Honor, Prof (Dr) Abdul Wadud, Director,
	NIUM, Bengaluru
03:20 - 03:25 PM	Address by Guest of Honor, Prof (Dr) Marco Leonti, University of
	Cagliari, Italy
03:25 - 03:30 PM	Address by Guest of Honor, Dr CK Katiyar, Advisor, Emami
03:30 - 03:35 PM	Address by Guest of Honor, Prof (Dr) Mohammad Fahad Alajmi,
	King Saud University
03:35 - 03:40 PM	Address by Special Guest of Honor, Janab Sajid Ahmed , CEO,
	Treasurer/Secretary, HNF
03:40 - 03:50 PM	Address by Chief Guest, Dr N Zaheer Ahmed, DG, CCRUM
03:50 - 04:00 PM	Presidential remarks by Vice Chancellor, Jamia Hamdard, Prof (Dr)
	M Afshar Alam
04:00 - 04:10 PM	Felicitation of Dignitaries
04:10 - 04:20 PM	Keynote address by Prof (Dr) Pulok K Mukherjee, Director,
IBSD, Imphal	
04:20 - 04:30 PM	Keynote address by Prof (Dr) Marco Leonti, University of
	Cagliari, Italy
04:30 - 04:35 PM	Vote of thanks by Coordinator, Prof (Dr) Anwar Hussai n, <i>SUMER</i> ,
	JH
04:35 - 04:40 PM	National Anthem

Photos of International Conference on Scientific research in Unani medicine: current trends and approaches, organized on 21st February 2024, organized by Centre of Excellence in Unani medicine (Pharmacognosy and Pharmacology) BNPL, Jamia Hamdard, New Delhi in association with SFE, UDMA, and CCRUM

Registration









Inaugration





















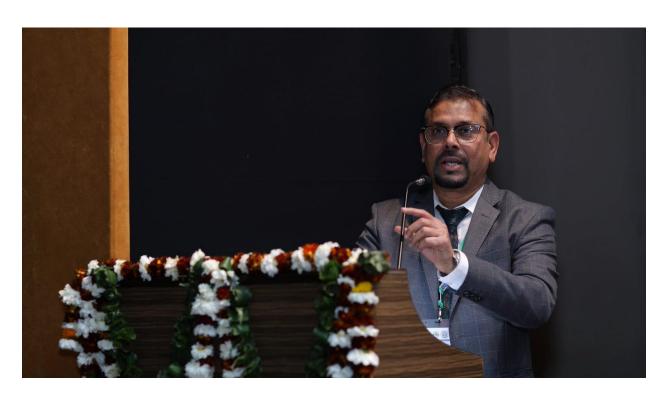


















Keynote address









Media Coverage

روزنامه دهای

Thursday,22 February 2024

جامعه ہمدرد میں بونانی طب کی ترقی تھیئے سائنسی تحقیق کے موجود ہ رجحانات عنوان پر دوروز ، بین الاقوامی کانفرنس کاانعقاد

تی دیلی 2 فروری، پریس ریلین به بارا استان او با می بیس به بانی طب کی ساح: آج جامع ہمروقی ویلی میس به بانی طب کی اشتری استان ا

-28ET 6

ي اواري

ا اسلامیات و قرآن محید (آذیو) و اشتهار و پسندیده شعر و تاریخ تبذیب وشنافت

، تعقیق و تنفید

علاج کی موجوده دوریش افادیت پرروشی ڈائی۔
پروشیم محیدالودوده سابق ڈائر کینٹر شکا اسٹینیت کے پروشیر ڈائی کے پروشیر آئی کے استفاد کی مداد کے استفاد پر سار کی کوئیسر ڈائیسٹر کی آئی کے پروفیسر بار کا کوئیسر کا گلیار کی اسٹینی کے نظام کی بوفیسر بارکو لیوشی کا فیر کی گلیار کی کا نظام کی کا می پروشیس کا اظہار کیا۔ آئیس موٹوگر اف کے تحکیم نکات پر روشی ڈائیسر میان افراد کی کا نظام کا اسٹیا کی کا فیر کی کا میان کا اسٹیا کی کا میان کی کا کوئیس دول کے خواس میان کا اسٹیا کی کا کوئیس موٹوگر اف کے تحکیم نکات پر روشی ڈائیسر جہاں کا مقال کی کر آئیس کی کوئیس کی کر آئیس کی کر آئیس کی کر اسٹین کوئیس کی کر آئیس کر آئیس کی کر آئیس

پرروشی دانی ساتھ ہی تدابیرا دویہ اور ویلیٹریش پر بھی بات کی۔ پروفیسر ڈاکٹر محد افشار عالم، وائس بھی بات کی۔ پروفیسر ڈاکٹر محد افشار عالم، وائس بھی بات کی۔ پروفیسر افرائس خطیل افرائس کے افرائس کے افرائس کے افرائس کے افرائس کے افرائس کے افرائس کی افادیت پرائی خیال نے افرائل کی افادیت پرائی خان نے اظہار کیا۔ آخیر میں پروفیسر افرائسین نے اظہار کیا۔ آخیر میں پروفیسر افرائسین کے افرائل برائے طب بیانی (فارائلیوی) جو کہ ایک واقعاد مرکز افرائل برائے طب بدیا تی وائس کی افرائلیوی کا موائن کے افرائل برائے طب بدیا تی افرائس کی افرائلیوی کا موائن کے افرائل برائے طب وزارت آبیش کی گرافتگر اپنی ہندوستا تی وزارت آبیش کی گرافتگر اپنی ہندوستا تی طبوں پاکھوسوس طب بونائی ہے متعلق وسیح بندر روا بی ہندوستا تی طبوں پاکھوسوس طب بونائی ہے متعلق وسیح بندر روا بی ہندوستا تی فرائس کی تعلق اس کے دونوس کے افرائس کے دونوس کی موسیح فروری کو آبیش کی ہر شعن کے ایک وقتی فروری کو آبیش کی ہوئیشنلز کی سلاحیت سازی پر مین میں

روزه و دوسری توی و رشن پی کا بسی انعقا دایا جایگا۔

جلکا افراس محمومی تا تاہمید کی آبیر سواستیا پو جنا کے

جلکا افراس محمومی تا تاہمید کی آبیر سواستیا پو جنا کے

بیس سائنسی حقیق کے موجود و رفقا ناست پر سرگون ہے

داوراس میں غیر محکی محموری نیا دورست کے رجما کا

کی اعلی حلی محلیری تقریر ہیں جول کی جس کے بعد

داورا بی بندور متا فی اور پائے کے موجود و اہم مسائل

خاص طور پر دائی محوارش کے انتظام کے ساتھ ساتھ

مسائل پر چیش میا ہے جو برائی اور شخصر کیے

شکلوں کو جدید بنا نے پر پر پسٹر زبانی اور شخصر بیکی

شکلوں کو جدید بنا نے پر پر پسٹر زبانی اور شخصر بیکی

ایوارڈز (ہر ایک بیس تیمن) مجمی پر گورام کی ایک

پر پر خیشتر کے کیا موجود کی کا مقارف کی افرام کی ایک

معروف مقررین کی موجود کی کا مشاہدہ کیا جائے گا

دور آب ہوارک کی کا مشاہدہ کیا جائے گا

دور آب ہوارک بی دور بیرون کما لگ ہے 100 ہے زیادہ

معروف مقررین کی موجود کی کا مشاہدہ کیا جائے گا

دور آب ہوارکلیدی تقاریر ادر دیرون کما لگ ہے

بر دور ام ہوارکلیدی تقاریر ادر دیرون کما لگ ہے

بردور ام ہوارکلیدی تقاریر ادر دیرون کما لگ ہے

بردور ام ہوارکلیدی تقاریر ادر دیرون کما لگ ہے

بردور ام ہوارکلیدی تقاریر ادرور کیا جائے گا

باشدا اوں کے جائزہ کا دوں کے عادہ و جوان ساتھ ساتھ

سائنسدا لوں کے جائزہ کا دوں کے عادہ و جوان اور بیالے بید

سائنسدالوں کے جائزہ کا دور کے عادہ و جوان اور بیالے بید

سائنسدالوں کے جائزہ کا دور کے عادہ و جوان اور بیالے بید

ایوارڈ بیکر دوں گے۔

ایوارڈ بوں کے۔

" اواري" "علم العالميات" " كتاب كي بات" " تعليق وتتقيد " اسلاميات " مع

ادوبیاورجدید دوریس کیشر کے علاج میں افادیت



نبومه جامعہ ہمدر دمیں "یونانی طب کی ترقی کے لیے سائنسی تحقیق کے موجودہ رجھانات"عنوان پر دو روزہ بین الاقوامی کانفرنس کا انعقاد ماہم مدرد میں "یونانی طب کی ترقی کے لیے سائنسی تحقیق کے موجودہ رجھانات"عنوان پر دو روزہ بین الاقوامی کانفرنس کا



مور قد ۱۶ طروری ۱۶۰۶ تا تا جامعہ معرودی ولل میں میونانی طب کی ترقی کے لیے سائنسی تحقیق کے موجودہ محتانات ''متوان پر دو روزہ ہیں الاقوامی کانقراس کا افتتاح معرز مهمانان کی موجود کی میں ملکیم عبدالحجیہ ہال میں منعقہ ہوا۔

ا فتتا ہی تقریب کی صدارت تبتع الجامعہ پر وقیر واکثر محمد افتار عالم نے کی اور مہمان خصوصی کی طور پر سنزل کاؤنسل برائے تحقیق طبنہ یونائی۔ گورمنٹ آف انڈیا کے ذاتر کئر چنرل جناب واکثر این عبیر احمد صاحب نے شرکت کی۔

لورسنت الحد الرئاسية المراجع المراجع

مہمان خصوصی بیناب واکٹر این غیبر احمد، وائرکٹر جنرل، مرکزی کو تسل ہوائے تحقیق طب بودن کی نے اپیٹہ خطاب میں سی سی آریو ایک اور جامعہ جمدرہ کے کلاپوریشن اور اشتراک سے ہوئے والے تحقیقی برہ جیکٹر پر مبارکیا دینٹر کرتے ہوئے طب برنائی کی نظریہ اطفاط یا تحصوص مودا اور اس

جامعه بمدردمين دوروزه بين الاقوامي كانفرنس كاانعقاد



مجی پردگرام کی ایک بڑی توجہ ہوں سے جس بیں سیکڑوں محصین شرکت کریں سے۔اس بین ال قواى كانفرنس مي مندوستان اور بيرون مما لك ے 100 سے نہادہ مروق عظردین کی موجودی کا مشاہدہ کیا جائے کا اور تو تع ہے کہ مندوستان اور میرون ممالک سے 900 سے نہادہ متدوین کی مطالبہ نا بات 5 اوروں ہے در معدسان سد بیرون کمالک سے 900 سے زیادہ متعددین کی فرکرے ہوئی ہے بہر کمام جارگلیدی تقاریر اور تین ممل کیکرز پر مشتل جوگا جس شمن 60 سے زائد وظامش سیکساتھ ساتھ 70 سے ذیادہ عیش تغییز اورمعروف سائتسدانوں کے جائزہ کاروں کے علاوہ نوجوان سائنسدانوں کے 28 سے زیادہ مختفر تکیم عبدالحبيدالوارة يحرز مول عدسريد برآل تقريبا مریافیدی ایجاری جول سے مرید برا مریط 90 زبانی پر پر کلیستو اور 225 سے زائد ہوسر پر پر کلیستو بوری و نیا سے فوجوان خشتین ۱ ساکرز ا جور پوسٹ ڈاک فیلوز کرنے کے علقت میانی اور آجرو بیک دوائیوں کے میٹونیکچررڈ دواساز اواروں کی جانب سے مختلف مندوستانی نظام طب کی دواوں کی نمائش بھی کی جا گئی۔

بدید ترین تحقق میدات به شد محدت بندگی دراست آیال کی گرافقد امها افر شهر به بنایا کیا به محدت بندروای بندوستانی طبول پانسوس خدم بیانی به محقق و بینائے پر سائشی محقیق کرنے کے لیے وقوب بسال کافران کی صلاحت سازی پر تین دورہ و دوری توی کی صلاحت سازی پر تین دورہ و دوری توی در اور اس مالی پر تین دورہ و دوری توی کٹیارری ای او ایڈ ایڈ وائز رابا می میمان احرازی نے مومت بعد کے وان بیشن وان مولوگراف کے مختلی اتحات پرروشن والی میمان خصوصی واکٹر این طبیر احمد وائز کنز جبرل، مرکزی کوسل برائے مختیق وركشاب كالجحى العقادكما جائيكا ببلسكا نفرنس مكومت قائم مند کی آبورسواستیا بوجنا کے تحت شدول سے بین القوامی کانفرس بونانی طب می سائنسی ے بین الاقوای کا تقریمی ہیں جب میں سے میں میں حقیق کے موجودہ ریخانات پرمرکوز بیدادہ اس پیش فیرکل مقرر بن اور صفعت کے دیمان کا کا کئی گئی کلیدی تقریری ہوگی جس کے بعدرواجی ہندے مر را سے سیسر در میں جو بی بی بی بی بی کا کہ اسٹر کے اسٹریٹ بیان کی کا در اسٹریٹ کی اسٹریٹ کے اسٹریٹ کی اسٹریٹ میزال سے کا اظہار کرایا۔ آئیر کی سی پروشیسر افور مسٹرین خاان کے اظہار کھٹر جیش کیا ہائی وہ روزہ میں الداؤل کی کافران کا انستان مرکز افزال کرادائی کا بدائیا کہ ایونائی (قارباً لکنوی اجذ قارباً کواوی) جو کہ ایک ادویات کے موجودہ اہم سائل خاص طور پر دائی موارض كانتقام كماجدماته سأكل يرويل مہاستے ہوں گے۔ توراک کی شکوں کوید یہ بنائے پرر بہتر دنیاتی اود کھر پر بڑھیھو کے لیے تکسم عبدالحدید نگلہ راس جے اجادہ ڈ (جرایک علی تھی)

جدا معد دو هرمز بحزن اسم رس و سر براسته سیلی طب میزان نے اسپیر قطاب میش کا کی آر و پائیکا اور جامعہ بعدد سے کار پارستان اور اشتراک سے ہوئے والے تحقیقی برخ تحکملس پر مهار کراوچی کارتے ہوئے طب میزان کی انظر بیا اطلاع کی تعریب وادور اس متعلق اور جدید ور میش کی تعریب طابق میں اور جدید در میش کا تعریب طابق میں اور جدید در میش کا ماتھ میں تعالیب ادریہ اور اور جدید در میش کا ماتھ میں تعالیب ادریہ اور

کے موجودہ ر تانات معنوان پر دوروزہ بین الاقوا ی کافزنس کاافتاح معززمہانان کی موجودگی بی سیم ہ سراس استان سرر ہماہای کا دیوروں میں ہے۔ حیدالحمید بال میں منعقد ہوا۔افتاعی تقریب کی صدارت منتی الجامعہ پروفیسرڈ اکٹر محدافشار عالم نے کی میداحد ، آرگنائز تک سکرینری اور ڈائز کار مرکز اعمیاز برائے طب بیتائی نے مہاتوں اور متدویین کا فیرمقدم کیا اور کافٹرنس کے افراض ومقاصد روشاس کرایا۔ پروفیسر عاصم علی خان، ڈین اسکول آف ہونانی میڈیکل ایجیشن اینڈریسری نے اس اف چین میدید می اجیدسی این در شری سال اس مرکز اجازات کے جامعہ تصدید میں قام ہے مراکب اور خب مینانی کی افادیت پر مشتشل رقتی ڈائی۔ کا آفونس کے آرگنا کڑنگ کو چیئز شمن پر دفیمر فرصان مجلس اجد نے خب مینانی کے نظریہ طراق اور مدرورات دو اس کا معرفی جیش کی دیگریہ طراق اور يرمونال الزومية من كا تقالى تجويد وث كيا- يدوفيس يلوك كي محصر جي، ۋائز كثر، آئي في ايس ۋى، امقال نے بطور مہمان اعزازی خطاب کیا اور جامعہ مدرد کی سائنس کاوشوں کو سرایا اور اعتنو فارسکولو تی، بعالی ادوسيكي طبعي تصوصيات اورجندوستاني طريقه علاج كى موجوده دور على افاديت يرروشى دالى پروفسر عيدالودود، سايل وائز يكثر بيشل استيبوت آف العانى ميوس، بظور نے مركز كى ترقى كم مصوبوں ہاں میدان مسورے مرمر فامر فاع سے مسولوں کاتعریف کی۔افلی کی یو ٹیورسٹی آف کا گلیاری ہے تحریف لاے پروفیسر مارکو لیوی نے کا تفونس کے انعقاد پرنیک خوابشات کا عبارکیا۔ پروفیسری کے

ئى دىلى 1 2 فرورى (نمائده) آج جامعه جدرد تى دىلى مى يونانى طب كى ترتى ك ليسائنى تحقيق

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یونانی طب کی ترقی کے لیے سائنسی تحقیق کے موجودہ رجحانات "عنوان پر دوروزہ بین الاقوامی کانفرنس کا انعقاد

. " عنوان پر دور د زوین الاقوای کانفرنس کاافتتاح معزز مهمانمآن کی موجود گی بین تیکیم عبدالحبید بال بین منعقد ه افتتا کی روفيسر نسوسي

ن طب وانزكتر 50 Lu ا فراض ومتناصد سے روشتاس کرایا۔ پروفیسر عاصم علی خان، ڈین اسکول آف بع ڈنی میڈ نکل ایجویشن اینڈ ریسری نے

چائی میز تال ایجیستان این در ایر بی سے
اس مرکز اعزاز کے جاسد پیرورد میں تیا
سے مراکز اعزاز کے جاسد پیرورد میں تیا
سے مراکل اور طب پیچائی کی اقاویت پ
بیلیس اعمد نے طب پیچائی کے تظریم حرات
بعلیس اعمد نے طب پیچائی کے تظریم حرات
اور پسوالائز و میزائن کا قابلی آئی کی تجریم خائی کے
اور پسوالائز و میزائن کا قابلی آئی کی بیلیستان کی بیلیستان کی بیلیستان کی ایسیستان کے بیلیستان کے بی الووى زيب رايک ہے۔ اِل آور اُن کل ب اور ای طلباء امیمان اعزازی خطاب کیا اور جامعه جدرد کی سامنسی کاوشول کو سراما اور اعتقا قارمیکولوگی دیونانی ادوسیکی شینی تحصوصیات باحل ر ہے رراس ن کے لیکل برنٹ همیافودودسای دائر بیشرسس استیکیوی آف بیانی میدس، بنگور نے مرکز کی ترق سے منصوبوں کی افریف کی۔ افلی ک میدورستی آف کا کھیاری سے تشریف لاست پروضر مارکو لیونی نے کا تفوانس سے 03. ستدی انعقاد بر تیک خوایشات کا اظهار کیا۔ پروفیسری کے کتیار می ای اوایڈ ایڈ وائزر

امای مهمان احزازی فے مکومت بندے

خیالات کا انتہار کیا۔ آخیر میں پروفیر انور حسین خان نے انتہار تظر چیش کیا انور حسین خان نے انھیار تختر ہیں کیا۔ اس دو روز و جن الااقوامی کا نفرنس کا انسقاد مرکو اعزاز برائے طب یوی فی (قارباً لکوی این قارباً کودی) بوکدایک جدیدترین تحقق موات سے مصحصت بعد کی وزارت آبایش کی عمرانقدر اسیانسرشپ سے بنایا حمیا ہے محکومت بند

رواجی ہندوستانی طیوں پاکسوس طب بونائی سے متعلق وسیع پیانے پر سائنسی تحقیقات کرتے کے لیے وقعب ہے۔اس میعات ارئے کے لیے وقعی ہے۔ اس کا توشق کے اعتمام م ۱۳۳ سات کا فروری کو آئیش پر پیشنو کی صلاحیت سازی پر نگن دورود دوری فری ورکشاپ کا محی انستان کیا جائےگا۔ والمعتقا وكهاجا نيكار

جلد کانترنس حکومت قاعبد کی بر و جام سوست و مهد ی این است و مهد ی است و است و مهد ی است و مراوز می است و است و براوز و است و است و مراوز و است و است و مراوز و است و مساکل پر پیشل مہاستے ہول سے حوداک کی شکلوں کو جدید بنانے ہے۔ چہٹر و باتی اور محتفر میگر پر پر بیشنو کے لیے سیسم معدا تحدید میک در برج اجرار در کر ایک عبدا تحدید میک در برای کا کیا در در ایک چس تین کمی برد کرام کی ایک بدی قدید میول کے جس میں تنظر ول محصفین شرکت کریں گے۔اس جی الاقوامی کا تورنس عل بعدومتان اور بيرون ممالك ي

0 0 1 سے زیادہ معروف مترر بن کی موجود کی کامشاہدہ کیا جائے گااور و تھے ہے کہ معدوستان اور ورون عمالک ہے۔ 0 0 9 سے زیادہ معدوثان کی شرکت

میں ہے پروگرام جار کلیدی تقاریر اور تین مسل میگرز پر مشکل ہوگا جس میں 60 سے دائد وشکسٹس کے ساتھ ساتھ ساتھ ے والدولین کی ساتھ ساتھ کا دو معروف ے زیادہ سیمن بھیٹرز اور معروف سائنسدائوں کے جائزہ کا دوں کے ماوہ تو جوان سائنسدائوں کے 28 سے داوہ مخصرتیم میرائے بیارا اور گیٹرز جوں کے حرید براس کا بھیٹر بیان کی پر پیکیشنو اور 22 سے ذائد ہو مزر پر پیکیشنو پین دنیا سے فوجان میں اسکائرز ا بیور دنیا سے فوجان میں کے سائنر ا بیور دنیا سے فوجان کی کے مختلف دنیا ہے اور آلیم وہاک دوائیں کے دنائی اور آلیم وہاک دوائیں کے مینانی اور آجردیاک دوائیل کے مین محررز دواساز دارول کی جانب سے پرویز احمد خال راطب بینانی کمینی نادش اختشام اعظمی علیم معراج الت وی احمد مديقي وغيره فيشركت كي

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جامعہ ہمدر دمیں" یونانی طب کی ترقی کے لیے سائنسی تحقیق کے موجودہ رجحانات" عنوان پر دوروزہ بین الاقوامی کانفرنس کا انعقاد

ے بنایا گیا ہے، حکومت ہندروا بی ہندوستانی طبول بالخصوص طب یونانی کے متعلق وسیع بیانے پرسائنس تحقیقات کرنے کے لیے و تیب ہے۔اس کانفرنس کے اختتام پر 22 ہے 25 فروری کوآپوش پر وفیشنگز کی صلاحیت سازی پرتین روزه دوسری قومی ورکشاپ کا بھی انعقاد کیا جائيگا۔ جمله كانفرنس حكومت قائم مندكى آيورسواستھيا يوجنا كے تحت شیرول ہے۔ بین الاقوامی کانفرنس یونانی طب میں سائنسی تحقیق کے موجودہ رجحانات پرمرکوز ہاوراس میں غیرملی مقررین اورصنعت کے رہنماؤں کی اعلی سطحی کلیدی تقریریں ہوں گی جس کے بعد روایق ہندوستانی ادویات کے موجودہ اہم مسائل خاص طور پر دائمی عوارض کے انظام كساته ساته سائل پرنينل مباحية مول گــ خوراك كى شکلوں گوجدید بنانے پر۔ پوسٹر، زبانی اور مخضر کیچر پر پر بطیشتر کے لیے عليم عبدالحميدينگ ريسرچرايوار ژز (هرايک ميس تين) بھي پروگرام کي ایک بڑی توجہ ہوں گے جس میں سینکروں محققین شرکت کریں گے۔اس بین الاقوامی کانفرنس میں ہندوستان اور بیرون مما لک ہے 100 سے زیادہ معروف مقررین کی موجود کی کا مشاہدہ کیا جائے گااور توقع ہے کہ ہندوستان اور بیرون ممالک سے 900 سے زیادہ مندویین کی شرکت ہوگی۔ یہ پروگرام چار کلیدی نقار پر اور تین تمثل لیکچرز پر مشتل ہوگا جس میں 60 نے زائد شناسٹس کے ساتھ ساتھ 70 ے زیادہ سیشن چیئرز اورمعروف سائنشدانوں کے جائزہ کاروں کے عِلاوہ نوجوان سائنسدانوں کے 28 سے زیادہ مخضر تکیم عبدالحمید ایوارڈ لیکچرز ہوں گے۔ مزید برآ ل، تقریباً 90 زبانی پر بر تعلیشنز اور 225 ے زائد اپسٹر پر بر میشنز پوری دنیا نے جوان مختلفین، اسکالرزامیور یوسٹ ڈاک فیلوز کریں گے۔مختلف یونانی اور آپورویدک دوائیوں کے مینونیچررز دواساز ا دارول کی جانب سے مختلف ہندوستانی نظام طب کی دواؤل کی نمائش بھی کی جا گیگی نے شرکا وسید منبر عظمت نسرینا میئر آئل محمد جلیس لمراهمپنی پرویز احمد خال راطب بونانی سمپنی نازش احتشام اعظمی تحکیم معراج الحق ذکی احمرصدیقی جمیرتو حید عالم وغیرہ نے شرکت کی۔



ڈائر یکٹر پیشنل انسٹیٹیوٹ آف یونانی میڈس، بنگلورنے مرکز کی ترقی کے منصوبوں کی تعریف کی۔ اٹلی کی یونیورسیٹی آف کا گلیاری سے تشریف لائے پروفیسر مارکو لیونتی نے کانفرنس کے انعقاد پرنیک خواہشات کا اظہار کیا۔ پروفیسری کے کٹیار، سی ای اوائیڈ ایڈوائز رامامی، مہمان اعزازی نے حکومت ہند کےون نیشن ون مونو گراف کے تکنیکی نکات پر روشى وإلى مهمان خصوصى جناب واكثر اين ظهير احد، والرّكثر جزل، مرکزی کوسل برائے محقیق طب یونانی نے اپنے خطاب میں ی آریو ایم اور جامعہ ہمدرد کے کلا بوریشن اور اشتر اک سے ہونے والے تحقیقی پروجیکش پر مبار کباد پیش کرتے ہوئے طب یونانی کی نظرید اخلاط بالخصوص سودا اوراس ہے متعلق ادوبیہ اور جدید دور میں کینسر کے علاج میں افادیت پرروشن ڈالی ساتھ ہی تدا بیرادو پیاورویلیڈیشن پر بھی بات کی۔ پروفیسر ڈاکٹر محمد افشار عالم، وائس چاسلر جامعہ بمدرد نے اپنے صدارتی خطبہ میں کانفرنس کے انعقاد پر مبار کباددی اور طب یونانی کی تيجيرل اور مواسلك طريقه علاج كى افاديت يرايخ خيالات كا اظهار كيا_آخيريس يروفيسرانورحسين خان في اظبهارتشكر پيش كيا_اس دو روزہ بین الااقوامی کانفرنس کا انعقاد مرکز اعزاز برائے طہ یونانی(فارما ککنوی اینڈ فارما کولوجی) جو کہ ایک جدید ترین محقیقی سہولت ہے جھے حکومت ہند کی وزارت آ ہوش کی گرانفذراسیانسرشپ ئ دبلی 21 /فروری- آج جامعه بهدردنی دبلی مین" یونانی طب کی ترقی کے لیے سائنسی تحقیق کے موجودہ رجمانات" عنوان پر دو روزہ بین لاقوامي كانفرنس كاافتتاح معززمهمانان كي موجود كي مين ڪيم عبدالحميد إل ميں منعقد ہوا۔افتاحی تقریب کی صدارت شیخ الجامعہ پروفیسرڈ اکٹر محدافشار عالم نے کی اورمہمان خصوصی کی طور پرسنٹرل کا ونسل برائے تحقیق طب یونانی، گورمنٹ آف انڈیا کے ڈائر کٹر جزل جناب ڈاکٹر ین ظہیر احمد صاحب نے شرکت کی۔ پروفیسر سعید احمد، آرگنائزنگ سكريٹرى اور ڈائركٹر مركز امتياز برائے طب يونانى نے مہمانوں اور مندوبین کا خیرمقدم کیا اور کانفرنس کے اغراض ومقاصد سے روشناس كرايا- يروفيسر عاصم على خان، دُين اسكول آف يوناني ميدُيكل یجوکیشن اینڈریسرچ نے اس مرکز اعزاز کے جامعہ بھدردمیں قیام کے مراحل اورطب یونانی کی افادیت پرمفصل روشی ڈالی۔ کانفرنس کے آرگنائزنگ کوچیزمین پروفیسر فرحان جلیس احد نے طب یونانی کے نظر بیه مزاج اور پرسونالائز ڈ میڈس کا تقابلی تجزبیہ پیش کیا۔ پروفیسر پلوک کے متھرجی، ڈائرکٹر، آئی بی ایس ڈی، امفال نے بطورمہمان عزازي خطاب كيا اور جامعه جمدردكي سائنسي كاوشوں كوسراہا اور ائقنو فارمیکولو جی ، یونانی ادوبه کی طبعی خصوصیات اور مندوستانی طریقه علاج كى موجوده دوريس افاديت يرروشي دالى يروفيسر عبدالودود، سابق





DAY 2

HALL 1

It comprised a series of keynote addresses and panel discussions on various aspects and challenges of scientific research in Unani medicine. The keynote speakers were renowned experts and professionals from national and international institutions and organizations, who shared their knowledge and experience on topics such as the evaluation of efficacy and safety of Unani formulations and their constituents, identification and quality control of medicinal plants and other traditional resources.

KEYNOTE ADDRESS

Keynote address by Dr M Rashid, University of Dhaka, Bangladesh



In his presentation titled "Bioactive Compounds from Medicinal Plants," Dr M. Rashid from the University of Dhaka, Bangladesh highlighted the remarkable potential of natural sources in providing therapeutic compounds, emphasizing the significance of traditional medicines in global healthcare. Dr Rashid underscored the pressing concern of antimicrobial resistance and the emergence of superbugs, emphasizing the urgent need for novel antimicrobial agents. Drawing

from both scientific research and traditional wisdom, he noted the growing scientific interest in exploring natural sources for antimicrobial products. He referenced a Hadith regarding the healing properties of Black Cumin, exemplifying the longstanding recognition of medicinal plants in various cultures. Specific compounds like Usnic acid, found in False Ashoka and Red Jasmine, were discussed for their potential medicinal benefits, including antibacterial, anti-cancer, anti-diabetic, and analgesic properties. Dr Rashid advocated for further research into promising candidates such as *Nigella sativa*, particularly for isolating constituents effective against multi-drug-resistant microbes. Additionally, he stressed the importance of exploring compounds like Usnic acid and constituents of *Eclipta protista* for their therapeutic potential. Dr Rashid's presentation provided valuable insights into the rich pharmacological reservoir offered by medicinal plants, underscoring the need for continued exploration and research to harness their healing properties effectively.

Keynote address by Dr C.K Katiyar, Emami

In his presentation, Dr. C.K. Katiyar discussed the opportunities and challenges in the AYUSH industry, highlighting several key points. India holds a significant 2.8% share of the global market in AYUSH products and stands as one of the leading exporters alongside China. Despite challenges such as the lack of standardized evaluation models and parameters for herbal raw materials, the industry has shown remarkable growth, surpassing even India's niche industries. However, issues like the rejection of raw materials due to poor cultivation practices and discrepancies in product composition pose significant hurdles.



Dr. Katiyar emphasized the need for phytochemical marker-based standardization, with a focus on water-based extracts and complete chemical profiling. To address gaps in product consistency, revisiting marker compounds and improving chemistry methods were proposed. Furthermore, the role of bioassay and validation was stressed for both classical and proprietary AYUSH medicines. Looking ahead, Dr. Katiyar suggested integrating herb-drug interaction protocols, developing natural additives, identifying biological activity markers, and enhancing measures for microbial quality assurance. Overall, the presentation outlined a comprehensive strategy to overcome challenges and capitalize on the immense potential of the AYUSH industry.

Keynote sessions were followed by high tea.

PANEL DISCUSSIONS



The panel discussions were focused on specific themes and issues related to the management of chronic diseases (especially liver and kidney diseases) in Unani medicine, the role and scope of Unani medicine in public health, the integration of Unani medicine with modern medicine, and the future prospects and opportunities of Unani medicine. The panelists were representatives from different sectors and stakeholders of Unani medicine, such as regulatory authorities, industry associations, academic institutions (both modern and Unani), and research organizations. They engaged in lively and constructive debates and discussions with the moderators and the audience,

and offered their suggestions and recommendations for the improvement and growth of Unani medicine.

PANEL 1: Management of Chronic Diseases (esp. Liver and Kidney) in Unani Medicine: Opportunities and Challenges

The panel discussion on the management of chronic kidney disease (CKD) addressed key issues related to the regulation of traditional medicine and steps to improve its efficacy and safety.



Lacunas in Regulation of Traditional Medicine:

Lack of Standardization: Ensuring batch-to-batch consistency of herbal products remains a major challenge.

Authentication of Drugs: Identification and authentication of herbal drugs are crucial but often overlooked aspects.

Compliance with Guidelines: While guidelines for safety and efficacy parameters exist, adherence to them needs improvement.

Understanding Regulation: Merely following regulations without understanding their implications poses a significant issue.

Steps for Improvement:

Collaboration Between Academia and Industry: Dr. Arun Gupta emphasized the importance of collaborative efforts between academia and industry for enhanced research and development.



Formulation Adherence to GMP Guidelines: Dr. Deepika Gunawaht stressed the need for formulations to adhere strictly to Good Manufacturing Practice (GMP) guidelines for efficacy and safety.



Research in Accordance with Regulations: **Dr. Surender Singh** highlighted the necessity of conducting research in line with regulatory requirements, ensuring efficacy and safety.

Focus on Basic Principles: Emphasizing the practical application of basic principles in research and development processes.



Synergistic Study in Traditional Medicines: Exploring synergistic effects between different traditional medicine systems like Unani and Ayurveda for improved efficacy.

Mechanistic Study for Drug Evaluation: Conducting mechanistic studies to better understand the mode of action and effects of traditional medicines.

Enhanced Identification and Authentication: Dr. Surender Singh pointed out the need for improved identification and authentication processes, particularly in Unani medicine.

Pre-clinical and Clinical Trials: Conducting robust pre-clinical and clinical trials to validate the safety and efficacy of traditional medicines. Overall, the panel highlighted the importance of regulatory compliance, collaborative research efforts, and adherence to standardization and authentication processes to ensure the effectiveness and safety of traditional medicines in managing chronic kidney disease and other health conditions.









The discussion highlighted several lacunas in the regulation of traditional medicine, including issues with batch-to-batch consistency of herbal products, lack of understanding and implementation of regulations, and the need for better identification and authentication of drugs. Despite these challenges, panelists emphasized the safety and efficacy of AYUSH medicines, advocating for adherence to GMP guidelines, rigorous research studies, and collaboration between academia and industry. Dr. Arun Gupta stressed the importance of collaboration and in vivo research studies, while Dr. Deepika Gunawaht emphasized the need for effective formulations that comply with GMP guidelines. Dr. Surender Singh highlighted the progression of chronic liver diseases and underscored the importance of following ICMR and OECD guidelines. He emphasized the necessity of understanding and implementing regulations, conducting mechanistic studies, and focusing on the selection of effective drugs. Overall, the panel discussion emphasized the importance of addressing regulatory lacunas, conducting robust research, and enhancing collaboration to ensure the safety and efficacy of traditional medicines for chronic diseases.

PANEL 2: Modernization of Unani dosage forms: Current need and Unani principles

The panel discussion on the modernization of Unani dosage forms delved into the current needs and principles of Unani medicine, aiming to strike a balance between preserving traditional wisdom and integrating contemporary scientific advancements to enhance the efficacy and accessibility of Unani treatments.

Dr. Khalid set the stage by providing an insightful overview of Unani medicine, highlighting its historical significance and core principles. He elucidated the classification of Herbal drug BCS class and expounded on Rule 158-B of drug rules, laying a solid foundation for the subsequent discussions.



Importance of Modernization:

Dr. Sayeed expanded on the necessity of modernization within the Unani system. He underscored the importance of embracing modern advancements while retaining the essence of traditional knowledge. Dr. Sayeed delineated dos and don'ts in the modernization process, emphasizing the need for a delicate balance to ensure the preservation of traditional wisdom.



Insights and Recommendations:

Insights from Dr. Srikant focused on optimizing dosage form delivery systems in Unani medicine. He stressed the importance of understanding bioavailability and retention time to enhance efficacy, advocating for the incorporation of complex scientific approaches in refining Unani formulations.



Dr. Abid highlighted advances in Unani formulation to address existing shortcomings. He emphasized the significance of reducing formulation size and developing sugar-free alternatives, signaling a departure from traditional practices to meet contemporary standards.

Professor Asgar Ali defined key parameters critical for effective Unani formulations, particularly tablets. He emphasized bioavailability, disintegration time, identification of markers, and the improvement of pharmacokinetic parameters, stressing the need for precision in dosage delivery.



Dr. Sanjay contributed insights on innovation in Unani dosage delivery, emphasizing the importance of delivering medications conveniently and effectively. He highlighted the potential for maintaining composition while innovating in the delivery process, aiming to enhance patient experience and compliance.



Regulatory Considerations and Concluding Remarks:

Dr. Rachna Paliwaal emphasized the importance of adapting regulations to meet the evolving needs of the AYUSH system. She highlighted the significance of state regulations in enforcing AYUSH systems, underscoring the potential impact of regulatory modifications.



In concluding remarks, Chairpersons emphasized the importance of scientific validation, extensive research initiatives, and user-friendly formulations to fortify the foundations of the AYUSH system. They advocated for regulatory adaptability and robust research frameworks to ensure the continued evolution and credibility of Unani medicine.

Overall, the panel discussion underscored the imperative of modernizing Unani dosage forms while upholding its fundamental principles, aiming to enhance efficacy, accessibility, and acceptance in contemporary healthcare practices. The panel discussion on the modernization of Unani dosage forms focused on the current needs and principles of Unani medicine, highlighting various perspectives and approaches to enhance its effectiveness and accessibility. **Dr. M Khalid** provided an introduction to Unani medicine, discussing its categories as per Schedule T and explaining Rule 158-B of drug rules. He also discussed the classification of the Herbal drug BCS class.



Prof. Sayeed Ahmad addressed the limitations of converting all Unani medicines into nanomedicine due to inherent constraints. **Dr. M Aqil** emphasized the development of novel drug delivery systems such as NLC and Vesicle, along with the transformation of Unani formulations into nano size to improve efficacy and address issues like sugar content in traditional formulations.

Prof. Dr. Farhan advocated for modernizing old formulations and leveraging compounds formulated in the Unani pharmacopeia to enhance potency, particularly in diseases like cancer and hepatitis.



Prof. Asgar Ali discussed enhancing bioavailability and developing sustained release formulations using techniques like solid dispersion and layered tablets. Dr. Sanjay highlighted the importance of innovation in traditional medicine, emphasizing the need for hygienic routes of administration and exploring food technology for formulation development. The panel stressed the significance of compliance, convenience, and precise drug delivery mechanisms in modernizing Unani drugs, proposing approaches such as freeze-dried herbal formulations and layered tablets to address these challenges. Overall, the discussion underscored the importance of adapting traditional medicine to contemporary needs while preserving its fundamental principles. The panel discussion was followed by lunch.











Plenary Session

Chairpersons: Dr Ubaidullah Khan AMU, Aligarh Dr TK Mukherjee Former Editor, IJTK Dr Mahmooduz Zafar SCLS, JH

Speakers: Dr Ranjan Mitra Dabur India Dr Saif Ahmad JHMC, Pheonix, AZ, USA

Dr M Rizwanul Haque Central University of South Bihar

Dr. Ranjan Mitra delivered a comprehensive presentation on "Integrated Approach Towards Botanical Authenticity and Adulteration Management." During his talk, he covered various aspects related to ensuring the authenticity of botanical products and managing adulteration. These included discussions on different methods for assessing botanical authenticity, such as morphological and genetic identity tests, as well as targeted versus untargeted analysis approaches. Dr. Mitra also delved into the use of NMR-based metabolomic screening for botanicals, emphasizing the importance of fingerprints and quality control measures, using Euphorbia fischeriana as a case study.

Furthermore, he shed light on the standards and characterization of honey, particularly focusing on adulterated and polyfloral honey types. Dr. Mitra elaborated on various examples of authentication using turmeric extract, showcasing the diverse applications of authentication methods in botanical products. Overall, his presentation provided valuable insights into the complexities of ensuring botanical authenticity and effectively managing adulteration in the industry.

Next lecture was delivered by **Dr M Rizwanul Haque** on "Modulation of Apoptosis in Liver Cancer Cell Lines by Herbal Compound". He discussed the combined effects of three compounds on inducing apoptosis-mediated cell death in Hepatocellular Carcinoma (HCC). It was observed that this combination possibly led to downregulation of telomerase and inhibition induced, contributing to the observed apoptotic cell death in HCC. The research findings suggest that arsenic trioxide in combination with herbal compounds, at their optimized doses, hold promise as both chemopreventive and therapeutic agents for the treatment of liver cancer. Additionally, the study underscores the importance of further investigations to explore the potential relationship between natural products and the regulation of telomerase binding proteins. Specifically, there was a need to elucidate how these natural compounds may influence the inhibition of telomere/telomerase in advanced stages of cancer. Such studies could involve the use of animal models to provide valuable insights into the mechanisms underlying the therapeutic effects of these compounds in liver cancer treatment. The session concluded with felicitation of speakers by distinguished chairpersons followed by felicitation of chairpersons.

Short lecture session by young faculty members

Chairpersons: Dr M A Jafri, JH, New Delhi

Dr Zahid Ashraf, JMI, New Delhi

Dr S Raisuddin, JH, New Delhi

Dr Uma Bhandari, SPER, JH, New Delhi

Dr Kshipra Misra, DRDO, Delhi

Dr Mohammad Hussain, JMI, New Delhi

Dr Pradeep Kumar, IBSD Imphal

Dr Shibli Jamil Ahmad, SPER, JH, New Delhi

This session witnessed and appreciated the research work of young faculty members from different pharmaceutical colleges working on traditional medicine. They were provided with a platform to present their work, with each presentation allocated a total of 7 minute (5+2) for their presentation and questions and answers.









HALL 2

ORAL PRESENTATION SESSION (for Hakeem Abdul Hameed Oral Presentation Awards)

The oral presentation sessions for the Hakeem Abdul Hameed Oral Presentation Awards were conducted across four sessions, each covering a diverse range of topics in the field of Unani medicine.

Session 1



- **1. MD. FAISAL KHAN-** discussed about the hijama therapy, it's view on Unani system, the different types of hijama, epidemiology, previous studies about the hijama's and its efficacy. The questions discuss where about the dry and wet cup method and which one is better how to maintain the aseptic condition and what is the duration of hijama therapy.
- **2. DR. IRAM KHAN** discussed about the effect of e-spring variable on PLGA based nanofibres for delivery of Sustainable released drug in this topic she covered about the delivery approach of drug and the use of nano fibre as it is economical effective and produce control and targeted release

of drug. She discussed about the spring setup Nanofibres and its ranges. The question discussed was about the percentage of those for sustain release and what are the oral Nano fibres.

3. DR. ATOOFA— from Bhopal discussed her review paper on the topic Unani drug and pharmacological action of their phytochemical constituent in the management of Acne Vulgaris which is an inflammatory disorder. She presented us the view point of Unani medicine on acne vulgaris, adverse effect of conventional medicine, drug use and its limitations. She also discussed about the treatment using Herbs and Minerals which poses bioactive compounds and anti-acne property.

Session 2





- **1.Yash Kalra** talked about the Implementing Network Pharmacology and Molecular Docking Studies to Investigate the Therapeutic Potential of different phytoconstituents isolated from Natural sources for the treatment of Seborrheic Dermatitis.
- **2. Amaan Rehman** discussed about the challenges associated with globalization of Unani medicine, raising awareness of Unani medicine and so on. He also pointed out the impact of Unani formulations when its interaction with allopathic medicines.
- **3. Dr. Quba Naaz** discussed about the role of Unani drugs in the management of Pharyngitis. In her presentation she explained about the risk factors and the prevalence of pharyngitis and how to differentiate between viral and bacterial pharyngitis. She further explained use of different Unani drugs in treatment of the above-mentioned diseases.
- **4. Dr. Gulnaz Azmi** discussed about Non-alcoholic fatty liver disease (NAFLD) the most ubiquitous Disease, its risk factors and possible solutions.

5. Divyanshu Srivastava talked about different Unani-Based Herbal Remedies for Alzheimer's Disease. In his presentation he explained the uses of different herbs like Jal brahmi, Turmeric and Aswagandha for treatment of Alzheimer.



- **6. Pearl Sharma** talked about the use of different Unani Herbal Remedies like safoof e rasha and Majoon e falsafa for the management of Parkinson's disease.
- **7. Rupali Verma** have shown her presentation on how to Design experiment, develop and optimize dual drug-loaded Nano emulsion gel of herbal drugs for the treatment of Psoriasis.



- **8. Dr.Gulistan Khanam** discussed on Physiological validation of Quwā Mudrika. She presented her review of literature on the above-mentioned topic.
- **9. Abdul Rafeh Wani** also presented his literature review on the Role of Miswak (Salvadora persica) in preventing Dental Caries. He explained the historical facts, prevention with unani medicine and pharmacological properties of different unani herbs.
- **10. Gauri Goyal** showed molecular docking results of Woodfordia fruticose Bioactive Compounds with Human Protein Kinase ZAK, a protein which has a role in Signalling cascade of cardiomyopathy via MAPK signaling pathway.



- **10. Parakh Basist** presented her work on analysis of metabolites and synergistic nephroprotective effects of Cinnamomum zeylanicum and Piper cubeba in counteracting Cisplatin-Induced Kidney toxicity. She showed different in vitro and in vivo studies.
- **11. Masheera Akhtar** discussed about the importance of oral hygiene, why it is importanct and use of different unani formulation and the evaluation of Herbal Tooth Powder for the Treatment of Plaque.

- **12. Richi Goel** discussed about the role of phytoconstituents in treatment of multi drug resistnce tuberculosis. In her presentation she explained about the mechanism of antimicrobial resistance and how phytoconstitunts can act synergistically with the antibiotics to overcome this resistance.
- 13. Varda Naaz presented case report study on the role of Unani composition in Menorrhagia.
- **14. Tanzeela Khan** talked about the concept of maternal health care through Asbab -e-Sitta zarooriya, which is an important concept in Unani medicine.
- **15. Ruhi Singh** explained about QBD based fabrication of herbal loaded nanoemulsion drug delievery system. She further discussed about the Selection of optimized formulation and its Characterisation.





Session 3

- **1- Varisha khan** talked about the improvement of nutrition, flavonoids, pharmacological uses of flavonoids and concluded her presentation in around 6-7 minutes then chairpersons asked some related questions about her topic
- **2- Mariya Khan** talked about novel lipid nanocarriers for intranasal delivery of anticancer drug combined with phytoconstituent for therapeutic intervention of globlastoma in that she talked about objective of study ,rationale of disease, rationale for selecting lipid polymer hybrid nano particle ,plan of work experimental work done and preparation of dual drug lphnps for intranasal delivery and factors.





- **3- Ayub Ahmad Khan** talked about liposomal intranasal delivery of tyrosine kinase inhibitor and phytoconstituent: Apporoach for parkinson's disease management in that he covered introduction of parkinson's disease, rational of disease, causes of disease, objectives of study, his experimental work done, preparation of drug and phytoconstituent also he told about the validation method and optimisation.
- **4- Tehzeeb Fatima** talked about the role of Vitamin D in allvitating primary dysmenorrhea: a comprehensive review, she enlighten broadly on dysmenorrhea and its need of study, also the procedure and literature review and lastly concluded her presentation.
- **5- Gufishan Fatima** discussed about Dysmenorrhea and its meaning in unani literature and its treatment using unani drugs, like Babuna, Camomile, azoline, its antiinflammatory and antiseptic properties and anti prostaglandins and its collection and preparation and also explained the assessment criteria and also represented the related case study and lastly concluded her presentation with a statement that dysmenorrhea ,presently has no cure but this unani treatment can be given for temporary pain relief and then the chairpersons asked her related question like this drug can be

used in some other diseases? and is any recurrence of pain recorded? And she replied the questions nicely.



6- Samra talked about effects of plant based collagen and animal based collegen in knee osteoarthritis patients in that she told about ostheoarthritis, its prevelance rate, collegen used for artheritis and also tells that animals based are directly originated from animal sources undenatured collagen and different type shows effectiveness of collegen, and plant based collegen are from plant derived ingredients and also plant based do not contain complete collegen and lastly concluded her presentation with answering the chairperson's question.





Session 4

- 1- Ramsha Anwar talked about the concept of antenatal care in Unani system of medicine a review in this topic she covered about the introduction the systematic care of women during pregnancy objective of antenatal care and its definition. She also talked about the antenatal advice dietary advice minor element in the pregnancy its management and the single drugs and compound drugs used. Discussions where held about the use of papaya either ripe or raw during the pregnancy and whats is it effect on pregnancy
- 2- Shubhangi Chauhan talked about the bio sensors for herbal medicine quality control she introduced biosensor and the element of biosensor and its elements. She also introduced about biosensors for antioxidant detection, biosensors for detection of bioactive compounds and toxins. She explained about the current trends and perspective in biosensors for herbal medicine quality control specific biosensors used for herbal medicine quality control such as electrochemical, optical and enzymatic.





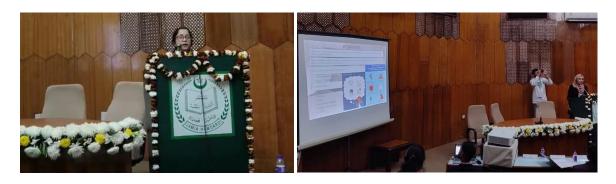
- 3- Chahat Tyagi discussed integration of herbal medicine with variable devices, introduce off to the wearable devices, its advantages and challenges. She also talked about the bioactive compound detection by close loop method personalized therapy she shows us the case studies and its result where the monitor the efficacy of a traditional Chinese herbal medicine for treatment of rheumatoid arthritis. The discussion was on the working of these devices.
- **4- Dr.Farheen khanam** explained effect of Unani drugs in WAZA-UL-MAFASIL (Rheumatoid Arthritis) A case study.
- **5- Swapnesh Bhaduri t**alked on the topic of evaluation of the antioxidant and anti-cancer activities of abutilon indicum basically known as Indian mallow. He presented about the

- extraction process partition of extract using the separating funnel by ethanolic extract, thin layer chromatography and his future objectives.
- **6- Ayesha Parveen** discussed evaluation of oral hygiene habits exploring herbal remedies among undergraduate medical studies. she talked about the world oral health day. She concluded it saying oral disease as communicable diseases and about the common risk factor associated with it.
- 7- **Dr. Mohammad Junaid** discussed about assessing the prevalence of chronic neck pain among the student at AMU a cross sectional online survey. He introduced about the neck paint and explained about the epidemiology of chronic neck pain in Unani system of medicine risk factors and the prevention of neck pain he also showed us the reports of demographic data collected through the online survey.
- **8- Ruqaiya Saifi** presented on topic on Unani concept of Multazima Baad Sinneya's a review. She talks about the expulsion power symptoms of menopause, hormonal changes and the management of it through various process such as Ilaaj bid Dava (treatment by drug), Ilaaj bid Giza (treatment by diet). She presented it beautifully.
- **9- Anam Habib** talked about the effect of Unani Polyherbal formulation on Sala-e-Reham a case report. She talked about the aetiology, symptoms & sign and its management through medical, surgical and non- surgical method, historical background in Unani and the classification of Sala-e- Reham, general principle of treatment, diagnostIc assessment, intervention-follow up and result and its observation.
- 10- Riyaz Alam, a research scholar from jamia hamdard talked about the unveiling Solanesol's neuroprotection in a tramadol induced Parkinson's zebrafish model- behavioural and Molecular insights. He talked about the experimental designs, effect of tramadol.





11-Uzma Farooq presented on the topic intravaginal myoinositol-metformin loaded mucus penetrating particles- based gel (MPPs gel) for PCOS Amelioration: an in- Vivo assessment on rat model. She covered graphical abstract formulation, about the confocal microscopy of coat vaginal tissue, it's treatment and post treatment effect on insulin. She also talked about the morphological condition of ovarian tissue and her studies.



Overall, the sessions provided insights into a wide array of Unani medicine topics, showcasing ongoing research and advancements in the field.





POSTER PRESENTATIONS

Considering the current trends and approaches in Unani Medicine, papers were called, and accordingly, speakers were invited. Therefore, the following larger topics were set for more specific and in-depth academic discourse.

- Evaluation of efficacy and safety of herbs and their formulations
- Identification and quality control of medicinal plants and other traditional resources
- Chromatographic analysis including HPTLC, metabolomics, network pharmacology, pharmacokinetics, and stability studies of raw materials and formulations
- Interdisciplinary and integrative approaches for the promotion and development of traditional medicines including detoxification and modification of dosage forms
- Multitargeted synergy-based approaches in drug development and phytopharmaceuticals
- National and international regulatory challenges of the current global market, IP rights, and patents
- Clinical evaluation and pharmacovigilance studies of traditional medicines
- Studies on dietary supplements, nutraceuticals, and functional foods

Under these broader themes, 200 posters were selected for presentations.







Largely the presenters discussed, and explored the current Quality and Regulatory aspects of Unani medicine in India and abroad, management of chronic diseases (Liver, Kidney etc.), Ayush Aahar as well as modernization of dosage forms will be discussed at large.

The scientific work of the scholars was evaluated by the galaxy of evaluators.

Felicitation of Evaluators



VALEDICTORY SESSION

The valedictory session marked the culmination of a successful event, celebrating excellence and innovation in Unani medicine. Under the esteemed presence of dignitaries and scholars from various prestigious institutions and organizations, the ceremony honored outstanding contributions to the field of Unani medicine and provided a platform for scholarly exchanges and discussions.



Highlights of the Event:

Chief Patron's Address: Janab Hammad Ahmed, Chancellor of Jamia Hamdard, delivered the opening remarks, emphasizing the importance of promoting traditional medicine and fostering collaborative research initiatives.



Keynote Speech by chief guest: Dr Mukhtar A Qasmi, Advisor (Unani) at the Ministry of Ayush, shared insights into the government's initiatives and policies to support and promote Unani medicine across the country.



Welcoming of Guests of Honor: Eminent scholars and experts, including Prof Pulok K Mukherjee, Prof Abdul Wadud, Prof Marco Leonti, Dr CK Katiyar, and Prof Mohammad F Alajmi, were welcomed with a planter.



Acknowledgment of Organizing Committee: The efforts of the organizing committee, led by Prof Asim Ali Khan, Prof Farhan Jalees Ahmad, and Prof Sayeed Ahmad, were acknowledged for their meticulous planning and execution of the event.

















Award Ceremony: The presentations were evaluated by a panel of judges, who awarded the best oral and poster presentations in each session. The prestigious **Hakeem Abdul Hameed Awards** were presented to deserving individuals and organizations for their outstanding contributions to the field of Unani medicine along with the distribution of the best 3 poster awards, best 3 oral presentations and best 3 short lecture awards.



Closing Remarks: The session concluded with expressions of gratitude to all participants, sponsors, and supporters for their invaluable contributions towards the success of the event.

The valedictory session of the Hakeem Abdul Hameed Awards & Felicitations served as a platform for scholarly discourse, knowledge dissemination, and recognition of excellence in Unani medicine. At the end, the session closed with a vote of thanks. As the event concluded, participants departed with renewed enthusiasm and a strengthened commitment to furthering the advancements and promotion of Unani medicine in the contemporary healthcare landscape.



The conference was a landmark event in the history of Unani medicine, as it showcased the scientific potential and achievements of Unani medicine, and provided a platform for interaction and collaboration among researchers, academicians, and industry professionals. The presenters were awarded with a certificate of appreciation. The conference also generated new ideas and insights for the future research and development of Unani medicine and highlighted the challenges and opportunities for Unani medicine in the global scenario. The conference also inspired and motivated the young researchers and scholars of Unani medicine to pursue research and innovation in this field, and to contribute to the advancement of science and society.

