M. Aitkhozhin Institute of Molecular Biology and Biochemistry

The international scientific conference of

young scientists

«FUNDAMENTAL RESEARCH AND INNOVATIONS IN MOLECULAR BIOLOGY, BIOTECHNOLOGY, BIOCHEMISTRY»

dedicated to the 80th anniversary of academician

Murat Aitkhozhin

28-29th November

Almaty 2019r.

RECOGNITION AND IMPORTANCE OF THE DRUG PLANTS

Mukatay U.¹, Kemelbek M., Zhubanova A., Jenis J., Akimbekov N.Sh., Samir A.R.

1-al-Farabi Kazakh National University, Almaty, Kazakhstan e-mail: <u>umit.muhatai@gmail.com</u>

Key words: Kazakh medicine; medical plants; identification

Traditional Kazakh medicine has a long history of inheritance. It has a long history of treatment, and the medicinal diet formula is unparalleled.

It is often said that medicated food and medicated diet is a treasure, health care can not be lack of health, medicinal diet has a unique flavor, unique medicinal effects can always meet people's "disgusted with medicine, like foods" nature. Therefore, as learning the subject of "the identification of medicinal plants", it was extremely important to learn how to distinguish the medicinal plants.

Throughout the new century, with the trend of health care, natural medicines are increasingly receiving the attention of the scientific community. With the research, medicated diet treatment has been increasingly praised and recognized by people, and the potential medicinal value of traditional Kazakh medicine has become more revealed by modern medical science. It is undeniable that with the exchange and dissemination of culture, some medicinal plants with better curative effects are not only gradually applied by traditional Kazakh medicine, but also gradually popularized in many Asian countries, which provides more for the development and inheritance of traditional Kazakh medicine. At the same time, this also provides a lot of guidance information for the development of new drugs, greatly reducing the huge cost investment in the development of new drugs, increasing the success rate of drug screening, and has to say that this is a benefit. A major project for all mankind.

In addition, how to identify medicated plants? First, the identification of medicinal plants must be personally involved in the process of collecting medicinal materials. Of course, for those professionals, it is a true expert to participate in the practice of dare to take medicine and diligently using drugs. In short, the identification of medicated plants is a matter of practice, understanding and then recognize such a constant accumulation, continuous improvement. Secondly, in order to identify the medicinal materials, it is necessary to understand the main characteristics of the medicinal plants through the eyes, nose, tongue and hands. Third, when we know medicinal plants, we must compare them with the control. We can compare them with the so-called comparison. When we distinguish similar medicinal plants, we can only find out the special points through comparison.

In short, if we want to make a difference in the path of medicinal plants, we must look for opportunities to get in touch with the real medicinal plants, feel their traits and experience their effects so that they can fundamentally recognize drugs and medicinal plants.

46	И.А Музыченко, Г.В. Курбанова, Т. М Джусубалиева. СРАВНЕНИЕ ТРАДИЦИОННОГО IVF C ICSI В ПРОГРАММАХ БЕЗ МУЖСКОГО	56
	ФАКТОРА БЕСПЛОДИЯ Д.Б.Тастанбеков, М.М. Турсынбекова. МЕТОДЫ ПЕРЕРАБОТКИ	
47	БИОРАЗЛАГАЕМЫХ ПОЛИМЕРОВ В МЕДИЦИНСКИЕ ИМПЛАНТЫ	57
СЕКЦИЯ 5. СИНТЕТИЧЕСКАЯ БИОЛОГИЯ		
	B.T. Berdikulov, C. Piedallu. ESSENTIAL OF KNOWING SOIL WATER	
48	BALANCE TRENDS FOR PLANT GROWTH USING CALCULATED GIS	59
	MAPS	
49	I. Kliuchka, L. Kliuchka, T. Pirog. ANTIMICROBIAL EFFECT OF SURFACTANTS, ESSENTIAL OILS AND THEIR MIXTURES	60
50	Mukatay U., Kemelbek M., Zhubanova A., Jenis J., Akimbekov N.Sh., Samir	(1
	A.R. RECOGNITION AND IMPORTANCE OF THE DRUG PLANTS	61
51	N.M. Petrenko, T.P. Pirog. ANTIMICROBIAL ACTIVITY OF	62
	SURFACTANTS OF RHODOCOCCUS ERYTHROPOLIS IMV AC-5017	02
52	R.S. Samet, Q.T. Tastambek, N.Sh. Akimbekov, A.A. Zhubanova. STUDYING	
	THE IMPORTANCE OF THE BIODESULFURIZATION PROCESS FOR	63
	IMPROVING THE QUALITY OF LIGNITE IN KAZAKHSTAN COAL	
	DEPOSITS A.S. Seilkhan, N.O. Kudrina, N. Terletskaya, M.S. Kurmanbayeva,	
53	T.E. Kulmanov. EFFECT OF <i>P. HARMALA</i> ON RAT LIPID PROFILE	64
	P.O. Teplova, V.V. Minaychev, A.S. Odintsova, I.S. Fadeeva, A.I. Zvyagina,	
54	V.S. Akatov. ASSESSMENT OF BIOINTEGRATIVE ABILITY OF SODIUM	
	ALGINATE COMBINED WITH DEMINERALIZED BONE MATRIX AND	65
	BMP-2	
55	Ж.Ж. Есенбаева, Г.В. Курбанова, А.Д. Акбасова. EISENIA FOETIDA	66
55	ЖАУЫН ҚҰРТЫН ҚОЛДАНУ АРҚЫЛЫ ТҮПТІК ШӨГІНДІНІ ӨҢДЕУ	00
	М.Ә. Есенова, Г.Ж. Абдиева. ҚАЗАҚСТАННЫҢ КӨМІР КЕН ОРНЫНЫҢ	
56	БИОСОЛЮБИЛИЗАЦИЯЛАНҒАН ҚОҢЫР КӨМІРІНЕН АЛЫНҒАН	67
	ГУМИНДІ ЗАТТАРДЫҢ БИОЛОГИЯЛЫҚ БЕЛСЕНДІЛІГІН ЗЕРТТЕУДІҢ МАҢЫЗЫ	
57	Б. Р. Кали, Л.С. Абеуова, А.Ө. Рахимжанова, Ш.А. Манабаева. КАРТОП	
	КУЛЬТУРАСЫ ЖАСУШАЛАРЫНЫҢ МОРФОГЕНЕТИКАЛЫҚ	68
	ҮРДІСТЕР ЕРЕКШЕЛІКТЕРІ	
58	Н.Қ.Өмірзақова, А.С.Тойтанова, Қ.Е.Кәдірбек, И.Р. Худайкулов.	69
50	ҚАРАКӨЛ ҚОЙЛАРЫНА ЦИТОГЕНЕТИКАЛЫҚ ТАЛДАУ ЖАСАУ	07
59	Қ.Т.Тастамбек, Р.Самет, Б.Бердіқұлов, А.Мәлік, Р.Р.Немкаева,	70
	Н.Ш.Акимбеков, А.А.Жұбанова. ЛЕНГЕР КӨМІР КЕН ОРНЫН ЗЕРТТЕУ	70
	ЖӘНЕ ОЛАРДЫ ҚОЛДАНУ ПЕРСПЕКТИВАЛАРЫ Б. Алжанулы, Ж.Е. Мухатаев, Д.М. Ботбаев, К.О. Шарипов. ПОЛУЧЕНИЕ	
60	инсулин синтезирующих β-подобных клеток из	
	ЧЕЛОВЕЧЕСКИХ КЛЕТОК ДЛЯ КЛЕТОЧНОЙ ТЕРАПИИ ПРОТИВ	71
	САХАРНОГО ДИАБЕТА	
61	Д.К. Бейсенов, Г.Э. Станбекова, Б.К. Искаков. ЭКСПРЕССИЯ БЕЛКОВ	
	А27L И L1R ВИРУСА ОСПЫ ОВЕЦ В ПРОКАРИОТИЧЕСКИХ И	72
	ЭУКАРИОТИЧЕСКИХ СИСТЕМАХ	
62	П.А. Бухтиярова, Д.В. Анциферов. ПОЛУЧЕНИЕ НОВЫХ ШТАММОВ СУЛЬФАТВОССТАНАВЛИВАЮЩИХ БАКТЕРИЙ ПЕРСПЕКТИВНЫХ ДЛЯ	73
	БИОТЕХНОЛОГИИ	15
	А.А. Вороненко, М.Б. Ярош, Т.П. Пирог. БИОСИНТЕЗ МИКРОБНОГО	
63	ЭКЗОПОЛИСАХАРИДА ЭТАПОЛАНА НА СМЕСИ АЦЕТАТА НАТРИЯ	74
	И РАФИНИРОВАННОГО ПОДСОЛНЕЧНОГО МАСЛА	