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Affiliated to the Tamilnadu Dr. M.G.R. Medical University,

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REF.NO:SSIP/ REQ/2023/001

Date: 12/06/2023

#### From

Department of Pharmacology,

SS institute of pharmacy,

Sankari, Salem (DIST) - 637301.

To

The principal,

SS institute of pharmacy,

Sankari, Salem (DIST) – 637301.

Subject: Letter for requesting permission to conduct ADD ON COURSE -Reg.

#### Respected sir,

We are requesting you to grand permission to conduct add-on course in the seminar hall on 21/06/2023 to 28/06/2023. We wish to conduct add on course on the title "Advanced Therapy Topics In Immunotherapy". This add-on course program would be a great opportunity for students to learn and that would help to shape the students.

Thanking you,

Yours truly,

PRINCIPAL.
SS INSTITUTE OF PHARMACY.
KUPPANUR (PO), SANKARI (TIQ.
SALEM - 637301.

SANKARI \*

PRINCIPAL, SS INSTITUTE OF PHARMACY, KUPPANUR (PO), SANKARI (TK), SALEM - 637301.

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) – 637301, Tamilnadu, India Phone: 04283 241080 | E-mail: ssip1718@gmail.com | Website: www.ssip.edu.in



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21

**DATE:** 12/06/2023

#### **CIRCULAR**

This is to inform that will B.PHARM students have the schedule of following value - added course to be conducted by our SS Institute of Pharmacy and it as mentioned below.

COURSE NAME	SCHEDULE	DURATION	VENUE	RESOURCE PERSON
ADVANCED THERAPY TOPICS IN IMMUNOTHERAPY	21/06/2023 to 28/06/2023	35 HOURS	SEMINAR HALL	DR.G.SEKAR

All the above-mentioned students must enroll and actively participate in the course without fail.

**Note**: Certificates will be issued for the eligible students after completion of the course and examination.

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SALEM - 637301

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KUPPANUR (PO), SANKARI (TK).
SALEM : 637301.

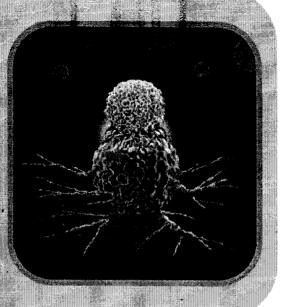
NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) – 637301, Tamilnadu, India Phone: 04283 241080 | E-mail: ssip1718@gmail.com | Website: www.ssip.edu.in

## SSINSTITUTE OF PHARMACY SANKARI



## **DEPARTMENT OF** PHARMACOLOGY

**VENUE** - Seminar Hall DATE -21/6/2023 to 28/6/2023 TIME - 10.00 a.m -1.00p.m



#### **COURSE TITLE**

**ADVANCED THERAPHY TOPICS** IN IMMUNOTHERAPHY

#### **RESOURCE PERSON**

Mr.G.SEKAR M.Pharm Assistant. Professor SS Institute of Pharmaco

#### **TOPICS**

- Introduction to Immunotherapy
- Mechanisms of Immune System Activation
- CAR-T Cell Therapy
- Cancer Vaccines
- · Oncolytic Virus Therapy
- Combination Therapies
- Biomarkers and Personalized Medicine
- Case Studies and Clinical Trials
- Laboratory and Hands-On Sessions
- Review and Discussion

#### **ADDRESS**

7, Manjakalpati Famil Nadu 637s

Contact Us

SSIP1718@gmail.com

Mobile: 9443026056

Website: www.ssip.edu.in



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#### **SYLLABUS**

#### ADVANCED THERAPY TOPICS IN IMMUNOTHERAPY

Sl.	Topic	DATE
No.		
1	Foundations and Applications of Immunotherapy	21/6/2023
	- Cancer Immunotherapy: Mechanisms, types, and clinical	
	applications, including checkpoint inhibitors and CAR-T cell therapy.	
	- Immunomodulatory Therapies: Use of therapies to enhance or	
	suppress the immune response in various diseases	
2	Innovative Approaches in Immunotherapy	22/6/2023
	- Cell-based Therapies: Development and application of therapies	
	using immune cells, such as T-cells and dendritic cells.	
	- Gene Editing and Immunotherapy: CRISPR and other gene-editing	
	technologies to enhance immunotherapy effectiveness	
3	Immunotherapy in Disease Treatment	23/6/2023
	- Immunotherapy and Autoimmune Diseases: Tailoring immune	
	responses to treat autoimmune conditions.	
	- Immunotherapy and Infectious Diseases: Leveraging the immune	
	system to combat infectious diseases.	
4	IntegrationImmunotherapy with Other Medical Strategies	24/6/2023-
	- Immunotherapy and Combination Therapies: Combining	26/6/2023
	immunotherapy with chemotherapy, radiotherapy, or other treatments	
	for enhanced efficacy.	
	- Immunotherapy and Precision Medicine: Personalized approaches	
19.34	to immunotherapy based on genetic and molecular profiling.	
5	Emerging Trends and Future Directions	27/6/2023-
	- Immunotherapy and Transplantation: Balancing immune tolerance	28/6/2023
	and rejection in organ and tissue transplantation.	
17.5	- Future Directions in Immunotherapy: Exploring new frontiers,	
144	including novel therapeutic targets, biomarkers, and emerging	
	technologies.	
	OLID CE DED COST D. C SA	

RESOURCE PERSON: Dr.G.Sekar

TOTAL HOURS:35 Hr

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SALEM - 637301.

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ADD ON / CERTIFICATE VALUE ADDED COURSES ACADEMIC **YEAR 2023-2024** 

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) - 637301, Tamilnadu, India



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#### **ACADAMIC YEAR 2023-2024**

CERTIFICATES	I		
CERTIFICATES	CODE	ENROLLED	ON CERTIFICATE
PROGRAMS			PROGRAMS
Advanced therapy topics in	23 A T T I O 1	55	Self-framed course
immunotherapy	237111101	33	
Green cell factories	23GCF02	58	Self-framed course
Advanced techniques in enzymology.	23ATE03	70	Self-framed course
Biomechanics and orthopaedic implants	23BOI04	58	Self-framed course
Blockchain technology in	23BTP05	30	
pharmaceuticals	23011 03	30	Self-framed course
Cell designer modeling tool for			Self-framed course
gene-regulatory & biomedical networks	23CDMTGRB	27	
Computational protein modeling and analytics	23CPMA07	59	Self-framed course
Scientific writing in health research	24SWHR08	54	Self-framed course
Systematic reviews for pharmacy health professionals	24SRPHP09	57	Self-framed course
Advanced bioinformatics: Tools & applications	24ABTA10	111	Self-framed course
Telemedicine: Principles & practices	24TPP11 SS	INSTITUTE OF P	Self-framed course HARMACY. NKARI (TK).
	Advanced therapy topics in immunotherapy Green cell factories  Advanced techniques in enzymology.  Biomechanics and orthopaedic implants  Blockchain technology in pharmaceuticals  Cell designer modeling tool for gene-regulatory & biomedical networks  Computational protein modeling and analytics  Scientific writing in health research  Systematic reviews for pharmacy health professionals  Advanced bioinformatics: Tools & applications  Telemedicine: Principles & Telemedicine: Principles & Telemedicine:	Advanced therapy topics in immunotherapy  Green cell factories  23GCF02  Advanced techniques in enzymology.  Biomechanics and orthopaedic implants  Blockchain technology in pharmaceuticals  Cell designer modeling tool for gene-regulatory & biomedical networks  Computational protein modeling and analytics  Scientific writing in health research  Systematic reviews for pharmacy health professionals  Advanced bioinformatics: Tools & applications  Telemedicine: Principles & 24TPP11  practices	Advanced therapy topics in immunotherapy  Green cell factories  23GCF02  58  Advanced techniques in enzymology  Biomechanics and orthopaedic implants  Blockchain technology in pharmaceuticals  Cell designer modeling tool for gene-regulatory & biomedical networks  Computational protein modeling and analytics  Scientific writing in health research  Systematic reviews for pharmacy health professionals  Advanced bioinformatics: Tools & applications  Telemedicine: Principles & 24TPP11  PBN IPP practices

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#### ADD ON COURSE - ENROLLMENT LIST

NAME OF ADD ON COURSE

: ADVANCED THERAPHY TOPICS IN

**IMMUNOTHERAPHY** 

**COURSE INSTRUCTORS** 

: SEKAR.G

YEAR OFFERED

: 2<sup>nd</sup> SEM B.PHARM

**COURSE DURATION** 

: 35 HRS

s.NO	NAME OF THE STUDENT	REGISTER NO	COURSE
1.	ABINESH. S	560021523501	2 <sup>nd</sup> B.PHARM
2.	ABISHEK.B	560021523502	2 <sup>nd</sup> B.PHARM
3.	ABISURYA .C	560021523503	2 <sup>nd</sup> B.PHARM
4.	ANANDASIVAM.T	560021523504	2 <sup>nd</sup> B.PHARM
5.	ANBU .R	560021523505	2 <sup>nd</sup> B.PHARM
6.	ARAVINTH.M	560021523506	2 <sup>nd</sup> B.PHARM
7.	ARCHANA.A	560021523507	2 <sup>nd</sup> B.PHARM
8.	ARIVILKUMAR.P	560021523508	2 <sup>nd</sup> B.PHARM
9.	ARUN .A	560021523509	2 <sup>nd</sup> B.PHARM
10.	ARUN KUMAR .K	560021523510	2 <sup>nd</sup> B.PHARM
11.	ARUNKUMAR.M	560021523511	2 <sup>nd</sup> B.PHARM
12.	BALAMURUGAN.B	560021523512	2 <sup>nd</sup> B.PHARM
<u> </u>	BATHRINATH.A	560021523513	2 <sup>nd</sup> B.PHARM
14.	BOOPATHI.G	560021523514	2 <sup>nd</sup> B.PHARM
15.	BOOPATHI.P	560021523515	2 <sup>nd</sup> B.PHARM
16.	CHITHARTHA.M	560021523516	2 <sup>nd</sup> B.PHARM
17.	DEVIPRIYA.K	560021523517	2 <sup>nd</sup> B.PHARM
18.	DHATCHNAMOORTHLK	560021523518	2 <sup>nd</sup> B.PHARM
19.	DHIVYA.N	560021523519	2 <sup>nd</sup> B.PHARM
20.	GAYATHRI.S	560021523521	2 <sup>nd</sup> B.PHARM
21.	GOPIKA.K	560021523522	2 <sup>nd</sup> B.PHARM
22.	GOPI.K	560021523523	2 <sup>nd</sup> B.PHARM
23.	GURUMOORTHI.M	560021523524	2 <sup>nd</sup> B.PHARM
24.	HARIPRIYA.K	\$60021523525	2 <sup>nd</sup> B.PHARM
25.	JOTHIPRAKASH.P	500021523526	2 <sup>nd</sup> B.PHARM
.26.	KARTHICK KANNAN.S	NSTITUTE COP21522577ACY.	2 <sup>nd</sup> B.PHARM
27.	KARTHICK.K	PANUR (P560621523818TK).	2 <sup>nd</sup> B.PHARM
	SANKAR!*	SALEM - 637301	

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28.	KARTHIKEYAN.M	560021523529	2 <sup>nd</sup> B.PHARM
29.	KAVIBHARATHI.S	560021523530	2 <sup>nd</sup> B.PHARM
30.	KAVIYA .S	560021523531	2 <sup>nd</sup> B.PHARM
31.	KESAVAN.P	560021523532	2 <sup>nd</sup> B.PHARM
32.	KIRUBANIDHI.R	560021523533	2 <sup>nd</sup> B.PHARM
33.	KIRUTHIKA.P	560021523534	2 <sup>nd</sup> B.PHARM
34.	MEGALA.G	560021523535	2 <sup>nd</sup> B.PHARM
35.	MOHAMMED KABEER.A	560021523536	2 <sup>nd</sup> B.PHARM
36.	RANISH.G	560021523537	2 <sup>nd</sup> B.PHARM
37.	SARAN MOHAN.R	560021523538	2 <sup>nd</sup> B.PHARM
38.	SASIKALA.G	560021523539	2 <sup>nd</sup> B.PHARM
39.	SATHYA JASMINE.A	560021523540	2 <sup>nd</sup> B.PHARM
40.	SETHURAMAN.P	560021523541	2 <sup>nd</sup> B.PHARM
41.	SOWMIYA.D	560021523542	2 <sup>nd</sup> B.PHARM
42.	SRIGANTH.K	560021523543	2 <sup>nd</sup> B.PHARM
43.	SUGASHINI.M	560021523544	2 <sup>nd</sup> B.PHARM
44.	SUNDHAR.S	560021523545	2 <sup>nd</sup> B.PHARM
45.	SURIYA.M	560021523546	2 <sup>nd</sup> B.PHARM
46.	SYED ABDULLA.A	560021523547	2 <sup>nd</sup> B.PHARM
47.	TAMILMANI.P	560021523548	2 <sup>nd</sup> B.PHARM
48.	THIRUMALAI.R	560021523549	2 <sup>nd</sup> B.PHARM
49.	THIRUMENINATHAN.M	560021523550	2 <sup>nd</sup> B.PHARM
50.	UMA SHANKARI.E	560021523551	2 <sup>nd</sup> B.PHARM
51.	VAITHEESWARI.V	560021523552	2 <sup>nd</sup> B.PHARM
52.	VIGNESH.C	560021523553	2 <sup>nd</sup> B.PHARM
53.	VIGNESH.S	560021523554	2 <sup>nd</sup> B.PHARM
-54.	VIJAYASARATHI.S	560021523555	2 <sup>nd</sup> B.PHARM
55.	VIMAL.R	560021523556	2 <sup>nd</sup> B.PHARM



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SALEM -637301.

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NAME OF ADD ON COURSE

: ADVANCED THERAPHY TOPICS IN

**IMMUNOTHERAPHY** 

**COURSE INSTRUCTORS** 

: SEKAR.G

YEAR OFFERED

: 2<sup>nd</sup> SEM B.PHARM

COURSE DURATION

: 35 HRS

S.NO		DECICOTED.			ATT	ENDA	NCE	an-q	
	NAME OF THE STUDENT	REGISTER NO	21/6/23	22/6/23	23/6/23	24/6/23	26/6/23	27/6/23	28/6/23
1.	ABINESH. S	560021523501		W	HOX	JAN .	J. A.	M/S	All I
2.	ABISHEK.B	560021523502	6.AF	مهلو. د	16 AV 7	9-3kg	3 she	6 Year	B
3.	ABISURYA .C	560021523503	1/20	00%	1	14	a	ON	ar
4.	ANANDASIVAM.T	560021523504	AS	A	af	侧	449	41	auf
5.	ANBU .R	56002152350 <b>\$</b>	R	X	<i>y</i>	<u>X</u>	1	W	
6.	ARAVINTH.M	560021523506	A-R	A	予	R	#	-	<b>‡</b> .
7.	ARCHANA.A	560021523507	M	Wo	1800	M.V	An	<b>X</b>	<b>W</b> -
8.	ARIVILKUMAR.P	560021523508	Aj	4	A	BA	Ay	A)_	Ay
9.	ARUN .A	560021523509	R-A	1	100		SA	A/A	47
10.	ARUN KUMAR .K	560021523510	CA	M	100	166	1 Kil	r kil	CO
11.	ARUNKUMAR.M	560021523511	hoy	Why	IM	W	M	MY	M
12.	BALAMURUGAN.B	560021523512		10 25	63	(Qa)		000	REGIO
13.	BATHRINATH.A	560021523513	3>	95	3/2	图	B	18/2	St
14.	BOOPATHI.G	560021523514	TG.	912	903	80	FB-	90	GB.
15.	BOOPATH, P	560021523515	P.B	120	PI	178 AG	m,	PD	P. K
16.	CHITHARTHA.M	560021523516	Nu	M55	P UTSTŲ	RINC Wite	ipal. F Pha	RMAC	MIC
<u> </u>	SANKARI			KU	PPANU SA	R (PO). J.EM -	, SANK. 637301	garu (12)	<b>.</b>

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17.	DEVIPRIYA.K	560021523517	全	Did	Dog	Doch	Orel	)08-1	D\$A}-
18.	DHATCHNAMOORTHI. K	560021523518					Ko		2 <u>7</u>
19.	DHIVYA.N	560021523519	NQ	NØ	NB	QU	UB	NØ	NO
20.	GAYATHRI.S	560021523521	25	Q.1	(x)	6.0	2: P	Bib.	87
21.	GOPIKA.K	560021523522	KW	KCJ-	x4	K-W	K-GJ	KW.	VQ!
22.	GOPI.K	560021523523	R.K	K. D	K.B.	K Q	K &	K St	KSZ.
23.	GURUMOORTHI.M	560021523524	64	(3)	Culy		(orb)	(5el)	64
24.	HARIPRIYA.K	560021523525	此	FI	44	(P)	形	(f_)	44
25.	JOTHIPRAKASH.P	560021523526	Tolk:	Soll	Mi	( polic	W;	Jolh:	M:
26.	KARTHICK KANNAN.S	560021523527	84	81	8A	Sy)	8	Sy	200
27.	KARTHICK.K	560021523528	Q.	<u> </u>	(A)	(A)	(A)	B	<b>W</b> -
28.	KARTHIKEYAN.M	560021523529	Mil	MiR	Mik	MI	(M.K)	MR	Mr. A
29.	KAVIBHARATHI.S	560021523530	<u>d</u> b	Ş	ske.	Sko	& ka	åKe:	Str.
30.	KAVIYA .S	560021523531	star	Six	Ship	ghy-	thing.	8/4	Ship
31.	KESAVAN.P	560021523532	8.4	8-1	0.0	Q-1	$\mathbb{Z}^{\mathcal{H}}$	$\mathcal{Q}_{\mathscr{R}}$	8.6
32.	KIRUBANIDHI.R	560021523533	HAT.	levy	W.	Carlo	(M)	Gy.	104
33.	KIRUTHIKA.P	560021523534	M	P		1880	W	ETV.	学
34.	MEGALA.G	560021523535	W	AN)	ard	Wy.	Rox	Ry	Out
35.	MOHAMMED KABEER.A	560021523536	&	B	&	Ø	V	B	8
36.	RANISH.G	560021523537	08	(0)	08	OF	Ola	08	6287
37.	SARAN MOHAN.R	560021523538 PRI7	VCIPA	D.	<b>A</b>	0	0	6	型
<b></b>	*SANKARI*	SS INSTITUT KUPPANUR (F	FO), SA	HARM. NKARI	ACY, (TK),	· ' ' · ' · '	James		

NH-544, Kuppanur (Po), Sankari (Tk), Salem(Dt) - 637301 Tammuster, Heaven, Phone: 04283 241080 | E-mail: ssip1718@gmail.com | Website: www.ssip.edd. [J. Em. 637301.]

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ADD ON COURSE	ADVANCED THERAPY TOPICS IN IMMUNOTHERAPY
DEPARTMENT	PHARMACOLOGY
ACADEMIC YEAR	2023-2024
DATE	21/06/2023 to28/06/2023
VENUE .	SEMINAR HALL
NAME: Corgun Priori . 9	COURSE: II-lican

#### ANSWER ALL THE QUESTIONS:

DATE:28/06/2023

#### MULTIPLE CHOICE QUESTIONS

- 1. What is the primary goal of cancer immunotherapy?
  - a) To eliminate cancer cells
  - To stimulate the immune system to attack cancer cells
    - c) To reduce tumor size
    - d) To improve quality of life
- 2. Which of the following is an example of immunomodulatory therapy?
  - Cytokine therapy
    - b) Chemotherapy
    - c) Radiation therapy
    - d) Surgery
- 3. What is the primary mechanism of action of CAR T-cell therapy?
  - Recognizing and killing cancer cells
    - b) Stimulating the immune system to attack cancer cells
  - c) Inhibiting tumor growth
  - d) Enhancing immune checkpoint function

4. What is the purpose of gene editing in immunotherapy?

a) To enhance immune cell function

b) To eliminate cancer cells

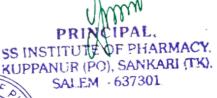
c) To modify genes to produce therapeutic proteins

d) To improve vaccine efficacy

MARKS:15







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- 5. What is the benefit of combining immunotherapy with other therapies?
  - a) Enhanced efficacy
  - b) Reduced toxicity
  - Improved patient outcomes
  - d) All of the above
- 6. How does precision medicine relate to immunotherapy?
  - a) It involves tailoring treatment to individual patients
  - b) It involves using biomarkers to predict treatment response
  - c) It involves using genomics to identify the rapeutic targets
  - All of the above
- 7. What is the primary goal of immunotherapy for autoimmune diseases?
  - a) To eliminate autoimmune cells
  - b) To suppress the immune system
  - To induce tolerance
    - d) To enhance immune function
- 8. How does immunotherapy address infectious diseases?
  - By enhancing immune function
    - b) By eliminating pathogens
    - c) By inducing tolerance
    - d) By suppressing the immune system
- 9. What is the primary goal of immunotherapy in transplantation?
  - To induce tolerance
  - b) To suppress the immune system
  - c) To eliminate immune cells
  - d) To enhance immune function
- 10. What is a future direction in immunotherapy?
  - a) Developing new targets for immunotherapy
  - b) Improving combination therapies
  - c) Enhancing personalized medicine approaches
  - All of the abov

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- 11. What is the primary mechanism of action of checkpoint inhibitors?
  - a) Enhancing immune cell function
  - Inhibiting immune checkpoint molecules
  - c) Stimulating the immune system to attack cancer cells
  - d) Reducing tumor size
- 12. What is the benefit of using immunomodulatory therapies?
  - a) Enhanced efficacy
  - b) Reduced toxicity
  - c) Improved patient outcomes
  - All of the above
- 13. How does gene editing enhance immunotherapy?
  - a) By modifying genes to produce therapeutic proteins
  - By enhancing immune cell function
    - c) By eliminating cancer cells
  - d) By improving vaccine efficacy
- 14. What is the primary goal of immunotherapy and precision medicine?
  - a) To tailor treatment to individual patients
  - b) To use biomarkers to predict treatment response
  - c) To use genomics to identify therapeutic targets
  - All of the above
- 15. What is a potential application of immunotherapy?
  - a) Treating cancer
  - b) Treating autoimmune diseases
  - c) Treating infectious diseases
  - الم) All of the above

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ADD ON COURSE	ADVANCED THERAPY TOPICS IN IMMUNOTHERAPY
DEPARTMENT	PHARMACOLOGY
ACADEMIC YEAR	2023-2024
DATE	21/06/2023 to28/06/2023

#### **ANSWER KEY:**

DATE:28/06/2023

#### MULTIPLE CHOICE QUESTIONS

MARKS:15

- 1. What is the primary goal of cancer immunotherapy?
  - a) To eliminate cancer cells
  - b) To stimulate the immune system to attack cancer cells
  - c) To reduce tumor size
  - d) To improve quality of life
- 2. Which of the following is an example of immunomodulatory therapy?
  - a) Cytokine therapy
  - b) Chemotherapy
  - c) Radiation therapy
  - d) Surgery
- 3. What is the primary mechanism of action of CAR T-cell therapy?
  - a) Recognizing and killing cancer cells
  - b) Stimulating the immune system to attack cancer cells
  - c) Inhibiting tumor growth
  - d) Enhancing immune checkpoint function

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4. What is the purpose of gene editing in immunotherapy INSTITUTE WITH

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a) To enhance immune cell function

b) To eliminate cancer cells

c) To modify genes to produce therapeutic proteins

d) To improve vaccine efficacy

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- 5. What is the benefit of combining immunotherapy with other therapies?
  - a) Enhanced efficacy
  - b) Reduced toxicity
  - c) Improved patient outcomes
  - d) All of the above
- 6. How does precision medicine relate to immunotherapy?
  - a) It involves tailoring treatment to individual patients
  - b) It involves using biomarkers to predict treatment response
  - c) It involves using genomics to identify therapeutic targets
  - d) All of the above
- 7. What is the primary goal of immunotherapy for autoimmune diseases?
  - a) To eliminate autoimmune cells
  - b) To suppress the immune system
  - c) To induce tolerance
  - d) To enhance immune function
- 8. How does immunotherapy address infectious diseases?
  - a) By enhancing immune function
  - b) By eliminating pathogens
  - c) By inducing tolerance
  - d) By suppressing the immune system
- 9. What is the primary goal of immunotherapy in transplantation?
  - a) To induce tolerance
  - b) To suppress the immune system
  - c) To eliminate immune cells
  - d) To enhance immune function

10. What is a future direction in immunotherapy

a) Developing new targets for immunotherapy

b) Improving combination therapies

c) Enhancing personalized medicine approaches

d) All of the above

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- 11. What is the primary mechanism of action of checkpoint inhibitors?
  - a) Enhancing immune cell function
  - b) Inhibiting immune checkpoint molecules
  - c) Stimulating the immune system to attack cancer cells
  - d) Reducing tumor size
- 12. What is the benefit of using immunomodulatory therapies?
  - a) Enhanced efficacy
  - b) Reduced toxicity
  - c) Improved patient outcomes
  - d) All of the above
- 13. How does gene editing enhance immunotherapy?
  - a) By modifying genes to produce therapeutic proteins
  - b) By enhancing immune cell function
  - c) By eliminating cancer cells
  - d) By improving vaccine efficacy
- 14. What is the primary goal of immunotherapy and precision medicine?
  - a) To tailor treatment to individual patients
  - b) To use biomarkers to predict treatment response
  - c) To use genomics to identify therapeutic targets
  - d) All of the above
- 15. What is a potential application of immunotherapy?
  - a) Treating cancer
  - b) Treating autoimmune disease
  - c) Treating infectious diseases

d) All of the above

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#### ADD ON COURSE - MARK LIST

NAME OF ADD ON COURSE

: ADVANCED THERAPHY TOPICS IN

**IMMUNOTHERAPHY** 

**COURSE INSTRUCTORS** 

: SEKAR.G

YEAR OFFERED

: 2<sup>nd</sup> SEM B.PHARM

**COURSE DURATION** 

: 35HRS

S.NO	NAME OF STUDENT	REGISTER NO	MARKS (15)	PERCENTAGE(%)
1.	ABINESH. S	560021523501	14	93%
2.	ABISHEK.B	560021523502	14	93%
3.	ABISURYA .C	560021523503	13	86%
4.	ANANDASIVAM.T	560021523504	13	86%
5.	ANBU .R	560021523505	12	80%
6.	ARAVINTH.M	560021523506	12	80%
7.	ARCHANA.A	560021523507	15	100%
8.	ARIVILKUMAR.P	560021523508	14	93%
9.	ARUN .A	560021523509	13	86%
10.	ARUN KUMAR .K	560021523510	12	80%
11.	ARUNKUMAR.M	560021523511	13	86%
12.	BALAMURUGAN.B	560021523512	14	93%
13.	BATHRINATH.A	560021523513	15	100%
14.	BOOPATHI.G	560021523514	12	80%
15.	BOOPATHI.P	560021523515	15	100%
16.	CHITHARTHA.M	560021523516	14	93%
17.	DEVIPRIYA.K	560021523517	13	86%
18.	DHATCHNAMOORTHI.K	560021523518	12	80%
19.	DHIVYA.N	560021523519	13	86%
20.	GAYATHRI.S	560021523521	14	93%
21.	GOPIKA.K	560021523522	13	100 86%
22.	GOPI.K	560021523523	12PRING SS INSTITUTE	TPAL, 80%

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23.	GURUMOORTHI.M	560021523524	13	86%
24.	HARIPRIYA.K	560021523525	14	93%
25.	JOTHIPRAKASH.P	560021523526	13	86%
26.	KARTHICK KANNAN.S	560021523527	12	80%
27.	KARTHICK.K	560021523528	14	93%
28.	KARTHIKEYAN.M	560021523529	13	86%
29.	KAVIBHARATHI.S	560021523530	13	86%
30.	KAVIYA .S	560021523531	12	80%
31.	KESAVAN.P	560021523532	13	86%
32.	KIRUBANIDHI.R	560021523533	13	86%
33.	KIRUTHIKA.P	560021523534	. 14	93%
34.	MEGALA.G	560021523535	12	80%
35.	MOHAMMED KABEER.A	560021523536	14	93%
36.	RANISH.G	560021523537	12	80%
37.	SARAN MOHAN.R	560021523538	12	80%
38.	SASIKALA.G	560021523539	13	86%
39.	SATHYA JASMINE.A	560021523540	12	80%
40.	SETHURAMAN.P	560021523541	14	93%
41.	SOWMIYA.D	560021523542	13	86%
42.	SRIGANTH.K	560021523543	13	86%
43.	SUGASHINI.M	560021523544	12	80%
44.	SUNDHAR.S	560021523545	14	93%
45.	SURIYA.M	560021523546	12	80%
46.	SYED ABDULLA.A	560021523547	14	93%
47.	TAMILMANI.P	560021523548	13	86%
48.	THIRUMALALR	560021523549	12 t M	M 80%
49.	THIRUMENTNATHAN	560021823550	14princi	PAL, 93%
50.	UMA SHANKARI.E	560021523551	SS INSTITUTE OF KUPPANUR (PO),	SANKARI (TX).
	100	THE OF PHARMACY.	SALEM -	537301

NH-544, Kuppanur (Po), Salatarf (Pk), Salem(Dt) – 637301, Tamilnadu, India Phone: 04283 241080 | E-mail: ssip1718@gmail.com | Website: www.ssip.edu.in



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51.	VAITHEESWARI.V	560021523552	13	86%
52.	VIGNESH.C	560021523553	12	80%
53.	VIGNESH.S	560021523554	13	86%
54.	VIJAYASARATHI.S	560021523555	13	86%
55.	VIMAL.R	560021523556	14	93%

TOTAL NUMBER OF STUDENT: 55

TOTAL NUMBER OF PERCENTAGE: 87.15%



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#### **ADD ON COURSE: SUMMARY REPORT**

Course code and Name: 23ATTI01/ Advanced Therapy Topics In Immunotherapy

Date Of Add On Programme: 21/06/2023 to 28/06/2023

**Course Duration**: 35 HOURS

Year Offered: 7th Sem B.Pharm

Course Instructors: Dr.G.Sekar., M.Pharm., Ph.D.

#### Course Outcomes:

The course covers current clinical applications and case studies, demonstrating the effectiveness and limitations of these treatments. It also addresses personalized immunotherapy approaches, including patient selection and biomarker utilization, and explores the management of side effects and adverse reactions associated with these therapies. Students will stay updated on emerging research, innovations, and regulatory considerations while learning how to integrate immunotherapy with other treatments. Additionally, the course emphasizes patient management, counseling, and the use of biomarkers in guiding treatment decisions.

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Course Type: Add on Course

**Assessment Mode:** 

**Total Duration**: 35 Hours

Number of Participants: 55

Scheme of Exam: MCQ type, offline Mode

Date of Exam: 28/06/2023

Course Coordinator

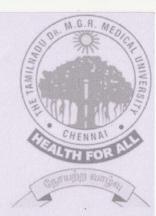
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Organized by
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PHARMACOLOGY

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HAS APPRICATED FOR HIS / HER
PARTICIPATION IN ONE DAY SEMINAR ON

**ADVANCED THERAPHY TOPICS IN** 

**IMMUNOTHERAPY** 

21/06/2023 TO 28/06/2023

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PRINCIPAL

COORDINATOR



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R. VIMAL

HAS APPRICATED FOR HIS / HER
PARTICIPATION IN ONE DAY SEMINAR ON
ADVANCED THERAPHY TOPICS IN

IMMUNOTHERAPY 21/06/2023 TO 28/06/2023

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COORDINATOR .



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Organized by
Department of
PHARMACOLOGY

S. GAYATHRI

HAS APPRICATED FOR HIS / HER
PARTICIPATION IN ONE DAY SEMINAR ON

**ADVANCED THERAPHY TOPICS IN** 

IMMUNOTHERAPY 21/06/2023 TO 28/06/2023

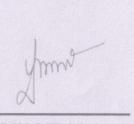
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#### STUDENT FEEDBACK FORM

STUDENT NAME:

P. Boopatri.

DATE: 28.6.2023 ·

YEAR/COURSE:

11 nd

- B. Pharm

NAME OF THE ADD ON COURSE: Advanted therap

therapy Topics in

COURSE CODE: 92ATTIO1

DURATION: 35 Ms.

#### **EVALUATE HONESTLY:**

Questions	Excellent	Good	Fair	Poor
How was the objectives of the training	₩.			
How satisfied are you with our seminar			7	
How would you rate the clarity and effectiveness of the presenter's delivery	1	*		
Was the seminar duration appropriate		ン		
How engaging and interactive was the seminar	1			
Usefulness of the information provided		1		
Overall quality of session	1			



SIGNATURE

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#### **PHOTOGRAPH**

DATE: 23/6/23

#### ADVANCED THERAPHY TOPICS IN IMMUNOTHERAPHY

NAME OF ADD ON COURSE : ADVANCE

: ADVANCED THERAPHY TOPICS IN

**IMMUNOTHERAPHY** 

**COURSE INSTRUCTORS** 

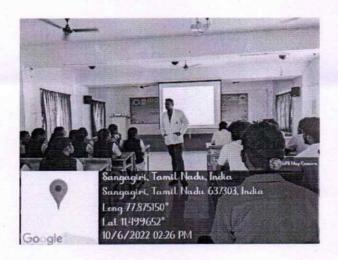
: SEKAR.G

YEAR OFFERED

: 2<sup>nd</sup> SEM B.PHARM

COURSE DURATION

: 35 HRS



Add-on course regarding the Topic Application of Advanced Theraphy Topics In Immunotheraphy 23/6/23 the speech delivered By **Dr.G.Sekar.,M.Pharm.,Ph.D.**.which was an interactive session and students could able to understand the Application of Advanced Theraphy Topics In Immunotheraphy in the fields of pharmaceutical sciences



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