

# Samarth Kumar

<https://orcid.org/0009-0009-4023-5684>

---

## Country

India

## Keywords

Large Volume Parenterals, Parenterals, Protein & Peptides, Liposome, Quality by design

## Other IDs

Scopus Author ID: 57211648173 (<http://www.scopus.com/inward/authorDetails.url?authorID=57211648173&partnerID=MN8TOARS>)

## Biography

Formulation Development Group Lead for Small & Large Volume Parenterals at SUN PHARMA. Focused on identification, selection, Proof of Concept, unmet needs, differentiation, market needs, value addition and ensuring successful products for InfuSMART® and other platform technologies. Responsible for idea to market (I2M) for SVP & LVP portfolio of Sun Pharmaceutical.

## Employment (1)

---

### Sun Pharmaceutical Industries Ltd R&D Centre: Vadodara, Gujarat, IN

2003 to present | General Manager R&D (Formulation Research & Development)

Employment

**Source:**Samarth Kumar

## Works (229 of 229)

---

### Intravenous infusion dosage form

2025-09-02 | patent

LENSID: 025-821-477-687-408

URI: [lens.org/025-821-477-687-408](https://lens.org/025-821-477-687-408)

PAT: US 12403070 B2

**Source:**Samarth Kumar *via* The Lens

### PARENTERAL DOSAGE FORM OF CARBOPLATIN

2025-04-16 | patent

LENSID: 138-027-307-770-865

URI: [lens.org/138-027-307-770-865](https://lens.org/138-027-307-770-865)

PAT: ES 3014002 T3

**Source:**Samarth Kumar *via* The Lens

**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2025-04-07 | patent

LENSID: 071-633-241-604-581

URI: lens.org/071-633-241-604-581

PAT: PL 3826613 T3

**Source:**Samarth Kumar via The Lens**INTRAVENOUS INFUSION DOSAGE FORM COMPRISING PEMETREXED**

2025-03-20 | patent

LENSID: 166-073-503-745-133

URI: lens.org/166-073-503-745-133

PAT: ES 3007633 T3

**Source:**Samarth Kumar via The Lens**INTRAVENOUS INFUSION DOSAGE FORM COMPRISING PEMETREXED**

2025-03-03 | patent

LENSID: 092-005-438-862-685

URI: lens.org/092-005-438-862-685

PAT: PL 4011377 T3

**Source:**Samarth Kumar via The Lens**INTRAVENØS INFUSIONS DOSERINGSFORM OMFATTENDE PEMETREXED**

2025-01-20 | patent

LENSID: 134-252-071-049-080

URI: lens.org/134-252-071-049-080

PAT: DK 4011377 T3

**Source:**Samarth Kumar via The Lens**INTRAVENOUS INFUSION DOSAGE FORM COMPRISING PEMETREXED**

2025-01-07 | patent

LENSID: 135-052-348-863-713

URI: lens.org/135-052-348-863-713

PAT: FI 4011377 T3

**Source:**Samarth Kumar via The Lens**Breast cancer: Advances in diagnostic research***Diagnostic Landscape in Cancer Research*

2025 | book-chapter

Part of DOI: 10.1016/B978-0-443-33849-6.00010-6

EID: 2-s2.0-105011224799

Part of ISBN: 9780443338502 9780443338496

**Source:**Samarth Kumar via Scopus - Elsevier

**Breast cancer: Drug delivery system landscape***Drug Delivery Landscape in Cancer Research Volume 1*

2025 | book-chapter

Part of DOI: 10.1016/B978-0-443-29168-5.00005-2

EID: 2-s2.0-105006569150

Part of ISBN: 9780443291692 9780443291685

**Source:**Samarth Kumar via Scopus - Elsevier**Exosomes in glioma: mechanistic insights on biological, therapeutic, and diagnostic perspective***Therapeutic Delivery*

2025 | journal-article

DOI: 10.1080/20415990.2025.2466410

EID: 2-s2.0-85218187466

Part of ISSN: 20415990 20416008

**Source:**Samarth Kumar via Scopus - Elsevier**Dosage form of vinca alkaloid drug**

2024-12-31 | patent

LENSID: 139-208-682-488-940

URI: lens.org/139-208-682-488-940

PAT: US 12178812 B2

**Source:**Samarth Kumar via The Lens**PERFUSION SYSTEM**

2024-12-12 | patent

LENSID: 136-635-480-119-546

URI: lens.org/136-635-480-119-546

PAT: US 2024/0408295 A1

**Source:**Samarth Kumar via The Lens**OXYTOCIN READY TO INFUSE DOSAGE FORM**

2024-12-11 | patent

LENSID: 100-224-168-650-946

URI: lens.org/100-224-168-650-946

PAT: EP 4288078 A4

**Source:**Samarth Kumar via The Lens**Infusion dosage form of norepinephrine**

2024-12-03 | patent

LENSID: 198-653-056-928-844

URI: lens.org/198-653-056-928-844

PAT: US 12156855 B2

**Source:**Samarth Kumar via The Lens

**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2024-11-20 | patent

LENSID: 137-017-838-351-947

URI: [lens.org/137-017-838-351-947](https://lens.org/137-017-838-351-947)

PAT: EP 3826613 B1

**Source:** Samarth Kumar *via* The Lens**Perfusion system**

2024-11-12 | patent

LENSID: 160-221-119-657-327

URI: [lens.org/160-221-119-657-327](https://lens.org/160-221-119-657-327)

PAT: US 12138419 B2

**Source:** Samarth Kumar *via* The Lens**Forma de dosificación de perfusión**

2024-11-07 | patent

LENSID: 164-020-135-577-17X

URI: [lens.org/164-020-135-577-17X](https://lens.org/164-020-135-577-17X)

PAT: ES 2985740 T3

**Source:** Samarth Kumar *via* The Lens**A method for preparing perfusion dosage form**

2024-11-01 | patent

LENSID: 144-713-504-527-212

URI: [lens.org/144-713-504-527-212](https://lens.org/144-713-504-527-212)

PAT: TW I860522 B

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM COMPRISING PEMETREXED**

2024-10-23 | patent

LENSID: 139-119-779-017-673

URI: [lens.org/139-119-779-017-673](https://lens.org/139-119-779-017-673)

PAT: EP 4011377 B1

**Source:** Samarth Kumar *via* The Lens**Infusion bag of Midazolam for intravenous use**

2024-10-01 | patent

LENSID: 191-359-059-740-386

URI: [lens.org/191-359-059-740-386](https://lens.org/191-359-059-740-386)

PAT: US 12102594 B2

**Source:** Samarth Kumar *via* The Lens

**Application of lyophilization in pharmaceutical injectable formulations: An industry and regulatory perspective***Journal of Drug Delivery Science and Technology*

2024-10 | journal-article

DOI: 10.1016/j.jddst.2024.106089

**Source:**Crossref**Application of sphingolipid-based nanocarriers in drug delivery: an overview***Therapeutic Delivery*

2024-08-02 | journal-article

DOI: 10.1080/20415990.2024.2377066

**Source:**Crossref**PERFUSION DOSAGE FORM**

2024-07-17 | patent

LENSID: 067-928-872-096-433

URI: lens.org/067-928-872-096-433

PAT: EP 4368175 A3

**Source:**Samarth Kumar via The Lens**PERFUSION DOSAGE FORM**

2024-07-02 | patent

LENSID: 107-336-231-213-038

URI: lens.org/107-336-231-213-038

PAT: JP 2024088701 A

**Source:**Samarth Kumar via The Lens**PERFUSION DOSAGE FORM**

2024-06-10 | patent

LENSID: 092-305-097-551-68X

URI: lens.org/092-305-097-551-68X

PAT: PL 3363428 T3

**Source:**Samarth Kumar via The Lens**Perfusion system**

2024-06-01 | patent

LENSID: 181-934-622-363-897

URI: lens.org/181-934-622-363-897

PAT: IL 261038 B2

**Source:**Samarth Kumar via The Lens

**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2024-05-23 | patent

LENSID: 180-354-448-860-232

URI: lens.org/180-354-448-860-232

PAT: US 2024/0165016 A1

**Source:**Samarth Kumar*via*The Lens**PERFUSIONSDOSERINGSFORM**

2024-05-21 | patent

LENSID: 060-308-949-862-641

URI: lens.org/060-308-949-862-641

PAT: DK 3363428 T3

**Source:**Samarth Kumar*via*The Lens**PERFUSION DOSAGE FORM**

2024-05-15 | patent

LENSID: 051-767-071-728-773

URI: lens.org/051-767-071-728-773

PAT: EP 4368175 A2

**Source:**Samarth Kumar*via*The Lens**PERFUSION DOSAGE FORM**

2024-05-10 | patent

LENSID: 037-626-017-989-212

URI: lens.org/037-626-017-989-212

PAT: FI 3363428 T3

**Source:**Samarth Kumar*via*The Lens**Sistema de perfusión**

2024-05-09 | patent

LENSID: 178-610-564-402-579

URI: lens.org/178-610-564-402-579

PAT: ES 2968415 T3

**Source:**Samarth Kumar*via*The Lens**INFUSION DOSAGE FORM OF NOREPINEPHRINE**

2024-04-11 | patent

LENSID: 086-171-498-920-118

URI: lens.org/086-171-498-920-118

PAT: US 2024/0115523 A1

**Source:**Samarth Kumar*via*The Lens

**MACHINE-LEARNING TECHNIQUES FOR CARBON FOOTPRINT OPTIMIZATION  
FROM IMPROVED ORGANIZATION OF MEDIA**

2024-04-04 | patent

LENSID: 057-302-689-197-511

URI: lens.org/057-302-689-197-511

PAT: US 2024/0112079 A1

**Source:**Samarth Kumar*via*The Lens**OXYTOCIN READY TO INFUSE DOSAGE FORM**

2024-03-28 | patent

LENSID: 116-039-116-068-299

URI: lens.org/116-039-116-068-299

PAT: US 2024/0099965 A1

**Source:**Samarth Kumar*via*The Lens**PERFUSION SYSTEM**

2024-03-18 | patent

LENSID: 053-530-872-604-647

URI: lens.org/053-530-872-604-647

PAT: PL 3413862 T3

**Source:**Samarth Kumar*via*The Lens**PERFUSION SYSTEM**

2024-03-13 | patent

LENSID: 155-146-465-197-660

URI: lens.org/155-146-465-197-660

PAT: EP 3413862 B8

**Source:**Samarth Kumar*via*The Lens**Forma de dosificación para infusión intravenosa de pemetrexed**

2024-02-29 | patent

LENSID: 176-778-527-276-565

URI: lens.org/176-778-527-276-565

PAT: ES 2959975 T3

**Source:**Samarth Kumar*via*The Lens**PERFUSION DOSAGE FORM**

2024-02-14 | patent

LENSID: 171-508-372-939-982

URI: lens.org/171-508-372-939-982

PAT: EP 3363428 B1

**Source:**Samarth Kumar*via*The Lens

**Perfusion system**

2024-02-01 | patent

LENSID: 135-921-315-582-749

URI: lens.org/135-921-315-582-749

PAT: IL 261038 B1

**Source:**Samarth Kumar via The Lens**Intravenous infusion dosage form for pemetrexed**

2024-01-18 | patent

LENSID: 076-034-623-727-445

URI: lens.org/076-034-623-727-445

PAT: AU 2018/349426 B2

**Source:**Samarth Kumar via The Lens**Infusion dosage form of norepinephrine**

2024-01-09 | patent

LENSID: 040-256-789-775-081

URI: lens.org/040-256-789-775-081

PAT: US 11865089 B2

**Source:**Samarth Kumar via The Lens**Emerging therapeutic landscape on delivery of oxytocin to brain for treating neurological disorders***Journal of Drug Delivery Science and Technology*

2024 | journal-article

DOI: 10.1016/j.jddst.2024.105370

EID: 2-s2.0-85182912231

*Part of ISSN: 17732247***Source:**Samarth Kumar via Scopus - Elsevier**Glucagon: Delivery advancements for hypoglycemia management***International Journal of Pharmaceutics*

2024 | journal-article

DOI: 10.1016/j.ijpharm.2024.123785

EID: 2-s2.0-85183556183

*Part of ISSN: 03785173 18733476***Source:**Samarth Kumar via Scopus - Elsevier

**Novel Discoveries and Clinical Advancements for Treating Onychomycosis: A Mechanistic Insight***Advanced Drug Delivery Reviews*

2024 | journal-article

DOI: 10.1016/j.addr.2023.115174

EID: 2-s2.0-85181765206

*Part of ISSN: 0169409X 18728294***Source:**Samarth Kumar via Scopus - Elsevier**Recent progress in macromolecules: From current therapeutic strategies to theranostic applications***Journal of Drug Delivery Science and Technology*

2024 | journal-article

DOI: 10.1016/j.jddst.2024.105664

EID: 2-s2.0-85190351480

*Part of ISSN: 17732247***Source:**Samarth Kumar via Scopus - Elsevier**USFDA-approved parenteral peptide formulations and excipients: Industrial perspective***Journal of Drug Delivery Science and Technology*

2024 | journal-article

DOI: 10.1016/j.jddst.2024.105589

EID: 2-s2.0-85189455841

*Part of ISSN: 17732247***Source:**Samarth Kumar via Scopus - Elsevier**PERFUSION SYSTEM**

2023-12-27 | patent

LENSID: 035-981-377-808-925

URI: lens.org/035-981-377-808-925

PAT: EP 4275673 A3

**Source:**Samarth Kumar via The Lens**OXYTOCIN READY TO INFUSE DOSAGE FORM**

2023-12-13 | patent

LENSID: 121-342-185-844-274

URI: lens.org/121-342-185-844-274

PAT: EP 4288078 A1

**Source:**Samarth Kumar via The Lens

**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2023-12-11 | patent

LENSID: 149-108-983-045-259

URI: [lens.org/149-108-983-045-259](https://lens.org/149-108-983-045-259)

PAT: PL 3804686 T3

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF DILTIAZEM**

2023-11-16 | patent

LENSID: 192-295-354-465-117

URI: [lens.org/192-295-354-465-117](https://lens.org/192-295-354-465-117)

PAT: US 2023/0364106 A1

**Source:** Samarth Kumar *via* The Lens**Perfusion dosage form**

2023-10-24 | patent

LENSID: 173-578-766-337-93X

URI: [lens.org/173-578-766-337-93X](https://lens.org/173-578-766-337-93X)

PAT: US 11793719 B2

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2023-10-18 | patent

LENSID: 067-111-229-007-861

URI: [lens.org/067-111-229-007-861](https://lens.org/067-111-229-007-861)

PAT: EP 3413862 B1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2023-09-12 | patent

LENSID: 112-677-418-282-574

URI: [lens.org/112-677-418-282-574](https://lens.org/112-677-418-282-574)

PAT: JP 2023126920 A

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2023-08-30 | patent

LENSID: 072-322-684-139-701

URI: [lens.org/072-322-684-139-701](https://lens.org/072-322-684-139-701)

PAT: EP 3804686 B1

**Source:** Samarth Kumar *via* The Lens

**Perfusion system**

2023-08-25 | patent

LENSID: 118-013-984-135-807

URI: lens.org/118-013-984-135-807

PAT: NZ 745728 A

**Source:**Samarth Kumar*via*The Lens**PERFUSION SYSTEM**

2023-07-04 | patent

LENSID: 078-066-384-375-671

URI: lens.org/078-066-384-375-671

PAT: CA 3014168 C

**Source:**Samarth Kumar*via*The Lens**PERFUSION SYSTEM**

2023-05-25 | patent

LENSID: 154-297-245-488-468

URI: lens.org/154-297-245-488-468

PAT: US 2023/0158226 A1

**Source:**Samarth Kumar*via*The Lens**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2023-05-04 | patent

LENSID: 045-351-261-922-458

URI: lens.org/045-351-261-922-458

PAT: US 2023/0140586 A1

**Source:**Samarth Kumar*via*The Lens**PERFUSION DOSAGE FORM**

2023-03-23 | patent

LENSID: 011-166-040-537-240

URI: lens.org/011-166-040-537-240

PAT: US 2023/0087099 A1

**Source:**Samarth Kumar*via*The Lens**Perfusion system**

2023-01-17 | patent

LENSID: 070-236-067-690-318

URI: lens.org/070-236-067-690-318

PAT: US 11554207 B2

**Source:**Samarth Kumar*via*The Lens

**Nanocarriers mediated delivery of methotrexate is instrumental in treating auto-immune diseases and cancer***Journal of Drug Delivery Science and Technology*

2023 | journal-article

DOI: 10.1016/j.jddst.2023.104969

EID: 2-s2.0-85171791797

Part of ISSN: 17732247

**Source:**Samarth Kumar via Scopus - Elsevier**Perfusion dosage form**

2022-12-01 | patent

LENSID: 088-646-519-595-262

URI: lens.org/088-646-519-595-262

PAT: TW 202245728 A

**Source:**Samarth Kumar via The Lens**Forma de dosificación para infusión intravenosa**

2022-11-15 | patent

LENSID: 077-018-750-331-327

URI: lens.org/077-018-750-331-327

PAT: ES 2928018 T3

**Source:**Samarth Kumar via The Lens**INTRAVENØS INFUSIONSDOSERINGSFORM**

2022-10-24 | patent

LENSID: 038-917-201-115-28X

URI: lens.org/038-917-201-115-28X

PAT: DK 3256133 T3

**Source:**Samarth Kumar via The Lens**PERFUSION SYSTEM.**

2022-09-19 | patent

LENSID: 035-009-317-674-38X

URI: lens.org/035-009-317-674-38X

PAT: MX 2022010782 A

**Source:**Samarth Kumar via The Lens**INTRAVENOUS INFUSION DOSAGE FORM**

2022-08-17 | patent

LENSID: 114-272-209-348-343

URI: lens.org/114-272-209-348-343

PAT: EP 3256133 B1

**Source:**Samarth Kumar via The Lens

**OXYTOCIN READY TO INFUSE DOSAGE FORM**

2022-08-11 | patent

LENSID: 078-949-706-060-496

URI: [lens.org/078-949-706-060-496](https://lens.org/078-949-706-060-496)

PAT: WO 2022/167978 A1

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2022-08-04 | patent

LENSID: 135-412-953-170-436

URI: [lens.org/135-412-953-170-436](https://lens.org/135-412-953-170-436)

PAT: SA 518392177 B1

**Source:** Samarth Kumar *via* The Lens**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2022-07-28 | patent

LENSID: 017-270-772-953-897

URI: [lens.org/017-270-772-953-897](https://lens.org/017-270-772-953-897)

PAT: US 2022/0233403 A1

**Source:** Samarth Kumar *via* The Lens**Intravenous infusion dosage form for pemetrexed**

2022-07-21 | patent

LENSID: 027-818-824-589-18X

URI: [lens.org/027-818-824-589-18X](https://lens.org/027-818-824-589-18X)

PAT: TW I771506 B

**Source:** Samarth Kumar *via* The Lens**Perfusion dosage form**

2022-07-01 | patent

LENSID: 003-356-412-016-938

URI: [lens.org/003-356-412-016-938](https://lens.org/003-356-412-016-938)

PAT: TW I769126 B

**Source:** Samarth Kumar *via* The Lens**INFUSION DOSAGE FORM OF NOREPINEPHRINE**

2022-06-15 | patent

LENSID: 083-023-576-798-696

URI: [lens.org/083-023-576-798-696](https://lens.org/083-023-576-798-696)

PAT: EP 4009943 A1

**Source:** Samarth Kumar *via* The Lens

**INTRAVENOUS INFUSION DOSAGE FORM**

2022-06-15 | patent

LENSID: 040-346-531-251-618

URI: lens.org/040-346-531-251-618

PAT: EP 4011377 A1

**Source:**Samarth Kumar*via*The Lens**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2022-05-04 | patent

LENSID: 085-095-308-804-67X

URI: lens.org/085-095-308-804-67X

PAT: EP 3826613 A4

**Source:**Samarth Kumar*via*The Lens**Forma de dosagem de infusão de gencitabina e conjunto que compreende a mesma**

2022-04-12 | patent

LENSID: 025-573-819-681-832

URI: lens.org/025-573-819-681-832

PAT: BR 112014026334 B1

**Source:**Samarth Kumar*via*The Lens**PARENTERAL DOSAGE FORM OF DILTIAZEM**

2022-03-24 | patent

LENSID: 059-313-756-449-173

URI: lens.org/059-313-756-449-173

PAT: WO 2022/058988 A1

**Source:**Samarth Kumar*via*The Lens**Infusion bag of midazolam for intravenous use**

2022-03-15 | patent

LENSID: 099-514-555-786-554

URI: lens.org/099-514-555-786-554

PAT: US 11273100 B2

**Source:**Samarth Kumar*via*The Lens**Infusion dosage form of norepinephrine**

2022-03-03 | patent

LENSID: 057-912-702-641-372

URI: lens.org/057-912-702-641-372

PAT: AU 2020/325831 A1

**Source:**Samarth Kumar*via*The Lens

**INFUSION DOSAGE FORM OF NOREPINEPHRINE**

2022-02-24 | patent

LENSID: 057-155-217-034-215

URI: lens.org/057-155-217-034-215

PAT: US 2022/0054434 A1

**Source:**Samarth Kumar*via*The Lens**Perfusion system**

2022-02-22 | patent

LENSID: 123-255-510-206-856

URI: lens.org/123-255-510-206-856

PAT: US 11253642 B2

**Source:**Samarth Kumar*via*The Lens**Infusion bag of midazolam for intravenous use**

2022-02-15 | patent

LENSID: 193-087-449-980-277

URI: lens.org/193-087-449-980-277

PAT: US 11246801 B2

**Source:**Samarth Kumar*via*The Lens**Parenteral dosage form of diltiazem**

2022-02-08 | patent

LENSID: 043-567-619-717-580

URI: lens.org/043-567-619-717-580

PAT: US 11241379 B2

**Source:**Samarth Kumar*via*The Lens**STABLE INJECTABLE SOLUTION OF PEMETREXED**

2022-01-11 | patent

LENSID: 155-052-939-188-911

URI: lens.org/155-052-939-188-911

PAT: JP 2022003088 A

**Source:**Samarth Kumar*via*The Lens**PARENTERAL DOSAGE FORM OF AMIODARONE**

2022-01-06 | patent

LENSID: 036-352-069-298-155

URI: lens.org/036-352-069-298-155

PAT: US 2022/0000776 A1

**Source:**Samarth Kumar*via*The Lens

**INFLUENCE OF INTERACTION OF MILK FAT ON RELEASE, CHARACTERISTICS AND ABSORPTION OF THEOPHYLLINE***Indian Drugs*

2022 | journal-article

DOI: 10.53879/id.59.01.12239

EID: 2-s2.0-85126631246

*Part of* ISSN: 0019462X**Source:**Samarth Kumar*via*Scopus - Elsevier**Nanoparticle properties affecting the drug release, absorption, and pharmacokinetics of nanoparticulate drug delivery systems***Pharmacokinetics and Pharmacodynamics of Nanoparticulate Drug Delivery Systems*

2022 | book-chapter

*Part of* DOI: 10.1007/978-3-030-83395-4\_2

EID: 2-s2.0-85133823902

*Part of* ISBN: 9783030833954**Source:**Samarth Kumar*via*Scopus - Elsevier**Pharmacokinetics and pharmacodynamics of liposomal nanoparticles***Pharmacokinetics and Pharmacodynamics of Nanoparticulate Drug Delivery Systems*

2022 | book-chapter

*Part of* DOI: 10.1007/978-3-030-83395-4\_8

EID: 2-s2.0-85153997415

*Part of* ISBN: 9783030833954**Source:**Samarth Kumar*via*Scopus - Elsevier**Toward eco-friendly nanotechnology-based polymers for drug delivery applications***Sustainable Nanotechnology Strategies Products and Applications*

2022 | book-chapter

*Part of* DOI: 10.1002/9781119650294.ch6

EID: 2-s2.0-85148146265

*Part of* ISBN: 9781119650294**Source:**Samarth Kumar*via*Scopus - Elsevier**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2021-12-30 | patent

LENSID: 169-776-582-035-438

URI: [lens.org/169-776-582-035-438](https://lens.org/169-776-582-035-438)

PAT: US 2021/0401669 A9

**Source:**Samarth Kumar*via*The Lens

**Infusion dosage form of norepinephrine**

2021-12-14 | patent

LENSID: 090-473-991-781-244

URI: [lens.org/090-473-991-781-244](https://lens.org/090-473-991-781-244)

PAT: US 11197838 B2

**Source:** Samarth Kumar *via* The Lens**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2021-12-02 | patent

LENSID: 140-706-785-075-564

URI: [lens.org/140-706-785-075-564](https://lens.org/140-706-785-075-564)

PAT: US 2021/0369565 A9

**Source:** Samarth Kumar *via* The Lens**Perfusion system**

2021-11-25 | patent

LENSID: 146-534-101-789-356

URI: [lens.org/146-534-101-789-356](https://lens.org/146-534-101-789-356)

PAT: AU 2017/218801 B2

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF DILTIAZEM**

2021-11-11 | patent

LENSID: 024-028-058-911-268

URI: [lens.org/024-028-058-911-268](https://lens.org/024-028-058-911-268)

PAT: JP 2021176896 A

**Source:** Samarth Kumar *via* The Lens**Parenteral dosage form of amiodarone**

2021-11-09 | patent

LENSID: 128-650-450-939-960

URI: [lens.org/128-650-450-939-960](https://lens.org/128-650-450-939-960)

PAT: US 11166911 B2

**Source:** Samarth Kumar *via* The Lens**Parenteral dosage form of norepinephrine**

2021-11-09 | patent

LENSID: 148-598-920-892-715

URI: [lens.org/148-598-920-892-715](https://lens.org/148-598-920-892-715)

PAT: US 11166923 B2

**Source:** Samarth Kumar *via* The Lens

**Ready-to-pour gemcitabine solution**

2021-11-02 | patent

LENSID: 075-269-404-790-671

URI: [lens.org/075-269-404-790-671](https://lens.org/075-269-404-790-671)

PAT: CN 113577019 A

**Source:** Samarth Kumar *via* The Lens**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2021-10-22 | patent

LENSID: 153-225-583-481-155

URI: [lens.org/153-225-583-481-155](https://lens.org/153-225-583-481-155)

PAT: CN 113543769 A

**Source:** Samarth Kumar *via* The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2021-10-07 | patent

LENSID: 065-073-190-993-715

URI: [lens.org/065-073-190-993-715](https://lens.org/065-073-190-993-715)

PAT: US 2021/0308118 A1

**Source:** Samarth Kumar *via* The Lens**Detection of multihoming misconfiguration**

2021-09-28 | patent

LENSID: 151-631-885-086-346

URI: [lens.org/151-631-885-086-346](https://lens.org/151-631-885-086-346)

PAT: CN 113452543 A

**Source:** Samarth Kumar *via* The Lens**ANNULAR BARRIER WITH VALVE SYSTEM**

2021-09-10 | patent

LENSID: 024-474-332-322-133

URI: [lens.org/024-474-332-322-133](https://lens.org/024-474-332-322-133)

PAT: CN 113383144 A

**Source:** Samarth Kumar *via* The Lens**FINDING COMPLEMENTARY DIGITAL IMAGES USING A CONDITIONAL GENERATIVE ADVERSARIAL NETWORK**

2021-08-31 | patent

LENSID: 032-851-896-102-073

URI: [lens.org/032-851-896-102-073](https://lens.org/032-851-896-102-073)

PAT: CN 113330455 A

**Source:** Samarth Kumar *via* The Lens

**ENHANCED READ SENSING MARGIN AND MINIMIZED VDD FOR SRAM CELL ARRAYS**

2021-08-20 | patent

LENSID: 024-790-241-536-616

URI: lens.org/024-790-241-536-616

PAT: CN 113287170 A

**Source:**Samarth Kumar*via*The Lens**PROCESS ADDRESS SPACE IDENTIFIER VIRTUALIZATION USING HARDWARE PAGING HINT**

2021-07-30 | patent

LENSID: 024-501-399-511-714

URI: lens.org/024-501-399-511-714

PAT: CN 113196234 A

**Source:**Samarth Kumar*via*The Lens**Carton for infusion bags**

2021-07-20 | patent

LENSID: 127-881-953-198-449

URI: lens.org/127-881-953-198-449

PAT: US D0925355 S

**Source:**Samarth Kumar*via*The Lens**Dosage form of vinca alkaloid drug**

2021-07-13 | patent

LENSID: 114-757-408-316-403

URI: lens.org/114-757-408-316-403

PAT: US 11058679 B2

**Source:**Samarth Kumar*via*The Lens**Forma de dosificación para infusión intravenosa de pemetrexed**

2021-06-22 | patent

LENSID: 009-196-022-799-242

URI: lens.org/009-196-022-799-242

PAT: ES 2835375 T3

**Source:**Samarth Kumar*via*The Lens**forma de dosagem de grande volume de infusão de gencitabina e conjunto**

2021-06-15 | patent

LENSID: 164-310-913-472-143

URI: lens.org/164-310-913-472-143

PAT: BR 112014026334 A8

**Source:**Samarth Kumar*via*The Lens

**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2021-06-02 | patent

LENSID: 016-001-185-001-670

URI: lens.org/016-001-185-001-670

PAT: EP 3826613 A1

**Source:**Samarth Kumar*via*The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2021-05-13 | patent

LENSID: 028-681-350-846-835

URI: lens.org/028-681-350-846-835

PAT: JP 2021073201 A

**Source:**Samarth Kumar*via*The Lens**Forma de dosificación del fármaco alcaloide vinca**

2021-05-06 | patent

LENSID: 043-294-044-734-820

URI: lens.org/043-294-044-734-820

PAT: ES 2823281 T3

**Source:**Samarth Kumar*via*The Lens**INTRAVENOUS INFUSION DOSAGE FORM**

2021-05-06 | patent

LENSID: 077-187-922-107-59X

URI: lens.org/077-187-922-107-59X

PAT: US 2021/0128562 A1

**Source:**Samarth Kumar*via*The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2021-04-14 | patent

LENSID: 054-343-431-829-907

URI: lens.org/054-343-431-829-907

PAT: EP 3804686 A1

**Source:**Samarth Kumar*via*The Lens**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2021-04-09 | patent

LENSID: 006-437-663-529-694

URI: lens.org/006-437-663-529-694

PAT: CN 112638363 A

**Source:**Samarth Kumar*via*The Lens

**PERFUSION SYSTEM**

2021-04-08 | patent

LENSID: 123-799-772-740-077

URI: [lens.org/123-799-772-740-077](https://lens.org/123-799-772-740-077)

PAT: US 2021/0100947 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2021-03-25 | patent

LENSID: 030-589-790-657-536

URI: [lens.org/030-589-790-657-536](https://lens.org/030-589-790-657-536)

PAT: JP 2021046443 A

**Source:** Samarth Kumar *via* The Lens**PERFUSION DOSAGE FORM**

2021-03-11 | patent

LENSID: 049-558-581-308-59X

URI: [lens.org/049-558-581-308-59X](https://lens.org/049-558-581-308-59X)

PAT: JP 2021038223 A

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2021-03-08 | patent

LENSID: 167-422-060-398-476

URI: [lens.org/167-422-060-398-476](https://lens.org/167-422-060-398-476)

PAT: PL 3470045 T3

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM**

2021-03-04 | patent

LENSID: 182-395-063-835-830

URI: [lens.org/182-395-063-835-830](https://lens.org/182-395-063-835-830)

PAT: JP 2021035969 A

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2021-03-01 | patent

LENSID: 030-161-001-877-388

URI: [lens.org/030-161-001-877-388](https://lens.org/030-161-001-877-388)

PAT: PH 12020550260 A1

**Source:** Samarth Kumar *via* The Lens

**SYNCHRONIZATION OF CONTENT BETWEEN A CLOUD STORE AND A PINNED OBJECT ON A MOBILE DEVICE**

2021-02-23 | patent

LENSID: 066-291-589-456-702

URI: [lens.org/066-291-589-456-702](https://lens.org/066-291-589-456-702)

PAT: CN 112400302 A

**Source:** Samarth Kumar *via* The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2021-02-17 | patent

LENSID: 183-609-981-638-235

URI: [lens.org/183-609-981-638-235](https://lens.org/183-609-981-638-235)

PAT: EP 3777861 A1

**Source:** Samarth Kumar *via* The Lens**INFUSION DOSAGE FORM OF NOREPINEPHRINE**

2021-02-11 | patent

LENSID: 181-140-925-390-871

URI: [lens.org/181-140-925-390-871](https://lens.org/181-140-925-390-871)

PAT: WO 2021/024237 A1

**Source:** Samarth Kumar *via* The Lens**INFUSION DOSAGE FORM OF NOREPINEPHRINE**

2021-02-11 | patent

LENSID: 167-802-007-427-631

URI: [lens.org/167-802-007-427-631](https://lens.org/167-802-007-427-631)

PAT: US 2021/0038539 A1

**Source:** Samarth Kumar *via* The Lens**INFUSION DOSAGE FORM OF NOREPINEPHRINE**

2021-02-11 | patent

LENSID: 159-662-561-230-439

URI: [lens.org/159-662-561-230-439](https://lens.org/159-662-561-230-439)

PAT: CA 3147218 A1

**Source:** Samarth Kumar *via* The Lens**Anti-TIGIT antibodies, anti-PVRIG antibodies and combinations thereof**

2021-01-29 | patent

LENSID: 196-930-612-909-266

URI: [lens.org/196-930-612-909-266](https://lens.org/196-930-612-909-266)

PAT: CN 112274637 A

**Source:** Samarth Kumar *via* The Lens

**Infusion bag**

2021-01-26 | patent

LENSID: 014-557-662-316-255

URI: lens.org/014-557-662-316-255

PAT: US D0908869 S

**Source:**Samarth Kumar*via*The Lens**Intravenous infusion dosage form**

2020-12-22 | patent

LENSID: 131-710-266-218-303

URI: lens.org/131-710-266-218-303

PAT: US 10869867 B2

**Source:**Samarth Kumar*via*The Lens**Label**

2020-12-22 | patent

LENSID: 060-479-096-162-884

URI: lens.org/060-479-096-162-884

PAT: US D0905788 S

**Source:**Samarth Kumar*via*The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2020-12-14 | patent

LENSID: 076-523-100-762-580

URI: lens.org/076-523-100-762-580

PAT: PL 3328385 T3

**Source:**Samarth Kumar*via*The Lens**PERFUSION SYSTEM**

2020-11-19 | patent

LENSID: 041-408-989-216-811

URI: lens.org/041-408-989-216-811

PAT: US 2020/0360598 A1

**Source:**Samarth Kumar*via*The Lens**forma de dosagem de infusão intravenosa para pemetrexeda**

2020-10-13 | patent

LENSID: 016-095-347-678-802

URI: lens.org/016-095-347-678-802

PAT: BR 112020007208 A2

**Source:**Samarth Kumar*via*The Lens

**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2020-10-08 | patent

LENSID: 045-361-763-837-498

URI: [lens.org/045-361-763-837-498](https://lens.org/045-361-763-837-498)

PAT: US 2020/0315913 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2020-09-02 | patent

LENSID: 018-003-261-445-399

URI: [lens.org/018-003-261-445-399](https://lens.org/018-003-261-445-399)

PAT: EP 3470045 B1

**Source:** Samarth Kumar *via* The Lens**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2020-08-27 | patent

LENSID: 165-230-749-152-784

URI: [lens.org/165-230-749-152-784](https://lens.org/165-230-749-152-784)

PAT: US 2020/0268606 A1

**Source:** Samarth Kumar *via* The Lens**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2020-08-27 | patent

LENSID: 055-670-342-984-555

URI: [lens.org/055-670-342-984-555](https://lens.org/055-670-342-984-555)

PAT: CA 3130729 A1

**Source:** Samarth Kumar *via* The Lens**INFUSION BAG OF MIDAZOLAM FOR INTRAVENOUS USE**

2020-08-27 | patent

LENSID: 198-806-315-764-851

URI: [lens.org/198-806-315-764-851](https://lens.org/198-806-315-764-851)

PAT: WO 2020/170198 A1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF DILTIAZEM**

2020-08-06 | patent

LENSID: 182-818-281-912-832

URI: [lens.org/182-818-281-912-832](https://lens.org/182-818-281-912-832)

PAT: US 2020/0246254 A1

**Source:** Samarth Kumar *via* The Lens

**PERFUSION SYSTEM**

2020-07-31 | patent

LENSID: 125-832-425-136-072

URI: lens.org/125-832-425-136-072

PAT: RU 2728822 C2

**Source:**Samarth Kumar*via*The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2020-07-08 | patent

LENSID: 135-045-285-154-403

URI: lens.org/135-045-285-154-403

PAT: EP 3328385 B1

**Source:**Samarth Kumar*via*The Lens**Forma de dosificación parenteral de norepinefrina**

2020-07-02 | patent

LENSID: 020-432-186-149-692

URI: lens.org/020-432-186-149-692

PAT: ES 2770731 T3

**Source:**Samarth Kumar*via*The Lens**페메트렉시드의 정맥내 주입 투여형태**

2020-06-11 | patent

LENSID: 171-664-659-240-065

URI: lens.org/171-664-659-240-065

PAT: KR 20200067150 A

**Source:**Samarth Kumar*via*The Lens**PARENTERAL DOSAGE FORM OF NOREPINEPHRINE**

2020-05-18 | patent

LENSID: 140-264-737-807-526

URI: lens.org/140-264-737-807-526

PAT: PL 2990031 T3

**Source:**Samarth Kumar*via*The Lens**Intravenous infusion dosage form for pemetrexed**

2020-04-23 | patent

LENSID: 004-850-782-914-161

URI: lens.org/004-850-782-914-161

PAT: AU 2018/349426 A1

**Source:**Samarth Kumar*via*The Lens

**PARENTERAL DOSAGE FORM OF CARBOPLATIN**

2020-03-05 | patent

LENSID: 009-878-726-022-886

URI: [lens.org/009-878-726-022-886](https://lens.org/009-878-726-022-886)

PAT: WO 2020/044311 A1

**Source:** Samarth Kumar *via* The Lens**STABLE INFUSION DOSAGE FORM OF MORPHINE**

2020-02-12 | patent

LENSID: 007-914-319-273-218

URI: [lens.org/007-914-319-273-218](https://lens.org/007-914-319-273-218)

PAT: EP 3290025 B1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF NOREPINEPHRINE**

2019-11-13 | patent

LENSID: 059-574-679-932-22X

URI: [lens.org/059-574-679-932-22X](https://lens.org/059-574-679-932-22X)

PAT: EP 2990031 B1

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2019-11-08 | patent

LENSID: 190-340-189-230-177

URI: [lens.org/190-340-189-230-177](https://lens.org/190-340-189-230-177)

PAT: HK 1258361 A1

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM.**

2019-09-04 | patent

LENSID: 016-116-199-334-468

URI: [lens.org/016-116-199-334-468](https://lens.org/016-116-199-334-468)

PAT: MX 2018009670 A

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2019-07-17 | patent

LENSID: 066-771-924-327-071

URI: [lens.org/066-771-924-327-071](https://lens.org/066-771-924-327-071)

PAT: EP 3413862 A4

**Source:** Samarth Kumar *via* The Lens

**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2019-06-18 | patent

LENSID: 080-148-765-884-358

URI: [lens.org/080-148-765-884-358](https://lens.org/080-148-765-884-358)

PAT: CN 109906071 A

**Source:** Samarth Kumar *via* The Lens**Intravenous infusion dosage form for pemetrexed**

2019-06-16 | patent

LENSID: 128-073-508-561-933

URI: [lens.org/128-073-508-561-933](https://lens.org/128-073-508-561-933)

PAT: TW 201922508 A

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2019-05-29 | patent

LENSID: 039-372-311-366-724

URI: [lens.org/039-372-311-366-724](https://lens.org/039-372-311-366-724)

PAT: ZA 201805610 B

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2019-05-15 | patent

LENSID: 050-779-754-313-149

URI: [lens.org/050-779-754-313-149](https://lens.org/050-779-754-313-149)

PAT: PH 12018501693 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR MORPHINE**

2019-05-09 | patent

LENSID: 154-011-129-479-04X

URI: [lens.org/154-011-129-479-04X](https://lens.org/154-011-129-479-04X)

PAT: WO 2019/087212 A1

**Source:** Samarth Kumar *via* The Lens**Ready to be infused gemcitabine solution**

2019-04-30 | patent

LENSID: 032-987-024-507-578

URI: [lens.org/032-987-024-507-578](https://lens.org/032-987-024-507-578)

PAT: SI 2656848 T2

**Source:** Samarth Kumar *via* The Lens

**READY-TO-ADMINISTER SOLUTION OF FENTANYL CITRATE**

2019-04-25 | patent

LENSID: 092-888-309-415-346

URI: [lens.org/092-888-309-415-346](https://lens.org/092-888-309-415-346)

PAT: US 2019/0117560 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2019-04-18 | patent

LENSID: 178-079-655-320-348

URI: [lens.org/178-079-655-320-348](https://lens.org/178-079-655-320-348)

PAT: WO 2019/073482 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2019-04-17 | patent

LENSID: 013-242-206-352-751

URI: [lens.org/013-242-206-352-751](https://lens.org/013-242-206-352-751)

PAT: EP 3470045 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM FOR PEMETREXED**

2019-04-11 | patent

LENSID: 101-949-324-908-027

URI: [lens.org/101-949-324-908-027](https://lens.org/101-949-324-908-027)

PAT: US 2019/0105262 A1

**Source:** Samarth Kumar *via* The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2019-03-27 | patent

LENSID: 152-243-303-635-360

URI: [lens.org/152-243-303-635-360](https://lens.org/152-243-303-635-360)

PAT: EP 3328385 A4

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF AMIODARONE**

2019-03-07 | patent

LENSID: 159-683-721-157-246

URI: [lens.org/159-683-721-157-246](https://lens.org/159-683-721-157-246)

PAT: US 2019/0070110 A1

**Source:** Samarth Kumar *via* The Lens

**Ready to be infused gemcitabine solution**

2019-02-28 | patent

LENSID: 118-573-416-797-955

URI: [lens.org/118-573-416-797-955](https://lens.org/118-573-416-797-955)

PAT: PL 2656848 T5

**Source:** Samarth Kumar *via* The Lens**Ready-to-administer solution of fentanyl citrate**

2019-02-19 | patent

LENSID: 039-056-887-506-350

URI: [lens.org/039-056-887-506-350](https://lens.org/039-056-887-506-350)

PAT: US 10206872 B2

**Source:** Samarth Kumar *via* The Lens**PERFUSION DOSAGE FORM**

2019-02-14 | patent

LENSID: 099-396-085-623-886

URI: [lens.org/099-396-085-623-886](https://lens.org/099-396-085-623-886)

PAT: US 2019/0046398 A1

**Source:** Samarth Kumar *via* The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2019-01-10 | patent

LENSID: 038-823-740-158-898

URI: [lens.org/038-823-740-158-898](https://lens.org/038-823-740-158-898)

PAT: US 2019/0008847 A1

**Source:** Samarth Kumar *via* The Lens**Ready to be infused gemcitabine solution**

2018-12-25 | patent

LENSID: 164-408-751-237-495

URI: [lens.org/164-408-751-237-495](https://lens.org/164-408-751-237-495)

PAT: CN 109077995 A

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2018-12-21 | patent

LENSID: 145-581-757-839-585

URI: [lens.org/145-581-757-839-585](https://lens.org/145-581-757-839-585)

PAT: CN 109069342 A

**Source:** Samarth Kumar *via* The Lens

**PERFUSION SYSTEM**

2018-12-19 | patent

LENSID: 172-264-967-379-572

URI: [lens.org/172-264-967-379-572](https://lens.org/172-264-967-379-572)

PAT: EP 3413862 A1

**Source:** Samarth Kumar *via* The Lens**sistema de perfusão, método para administrar diretamente a um paciente em necessidade do mesmo uma dose de um fármaco antineoplásico e recipiente de perfusão**

2018-12-18 | patent

LENSID: 113-023-178-180-539

URI: [lens.org/113-023-178-180-539](https://lens.org/113-023-178-180-539)

PAT: BR 112018016287 A2

**Source:** Samarth Kumar *via* The Lens**Solución de gemcitabina lista para ser infundida**

2018-12-10 | patent

LENSID: 002-780-602-212-805

URI: [lens.org/002-780-602-212-805](https://lens.org/002-780-602-212-805)

PAT: ES 2537294 T5

**Source:** Samarth Kumar *via* The Lens**관류 시스템**

2018-11-05 | patent

LENSID: 165-800-302-729-809

URI: [lens.org/165-800-302-729-809](https://lens.org/165-800-302-729-809)

PAT: KR 20180120171 A

**Source:** Samarth Kumar *via* The Lens**Perfusion system**

2018-10-31 | patent

LENSID: 030-862-026-791-582

URI: [lens.org/030-862-026-791-582](https://lens.org/030-862-026-791-582)

PAT: IL 261038 A

**Source:** Samarth Kumar *via* The Lens**Perfusion dosage form**

2018-10-16 | patent

LENSID: 014-476-862-858-329

URI: [lens.org/014-476-862-858-329](https://lens.org/014-476-862-858-329)

PAT: US 10098813 B2

**Source:** Samarth Kumar *via* The Lens

**Ready to be infused gemcitabine solution**

2018-09-19 | patent

LENSID: 092-104-612-701-857

URI: [lens.org/092-104-612-701-857](https://lens.org/092-104-612-701-857)

PAT: EP 2656848 B2

**Source:** Samarth Kumar *via* The Lens**Perfusion system**

2018-09-13 | patent

LENSID: 006-705-681-716-643

URI: [lens.org/006-705-681-716-643](https://lens.org/006-705-681-716-643)

PAT: AU 2017/218801 A1

**Source:** Samarth Kumar *via* The Lens**PERFUSION DOSAGE FORM**

2018-08-22 | patent

LENSID: 065-950-383-596-427

URI: [lens.org/065-950-383-596-427](https://lens.org/065-950-383-596-427)

PAT: EP 3363428 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM**

2018-08-01 | patent

LENSID: 112-603-117-602-552

URI: [lens.org/112-603-117-602-552](https://lens.org/112-603-117-602-552)

PAT: EP 3256133 A4

**Source:** Samarth Kumar *via* The Lens**READY TO BE INFUSED GEMCITABINE SOLUTION.**

2018-07-31 | patent

LENSID: 027-425-553-999-365

URI: [lens.org/027-425-553-999-365](https://lens.org/027-425-553-999-365)

PAT: MX 357935 B

**Source:** Samarth Kumar *via* The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2018-06-06 | patent

LENSID: 089-574-708-019-447

URI: [lens.org/089-574-708-019-447](https://lens.org/089-574-708-019-447)

PAT: EP 3328385 A1

**Source:** Samarth Kumar *via* The Lens

**PARENTERAL DOSAGE FORM OF NOREPINEPHRINE**

2018-05-24 | patent

LENSID: 117-755-096-522-602

URI: lens.org/117-755-096-522-602

PAT: US 2018/0140563 A1

**Source:**Samarth Kumar*via*The Lens**STABLE INFUSION DOSAGE FORM OF MORPHINE**

2018-03-08 | patent

LENSID: 071-524-527-912-878

URI: lens.org/071-524-527-912-878

PAT: US 2018/0064703 A1

**Source:**Samarth Kumar*via*The Lens**STABLE INFUSION DOSAGE FORM OF MORPHINE**

2018-03-07 | patent

LENSID: 041-878-142-058-72X

URI: lens.org/041-878-142-058-72X

PAT: EP 3290025 A1

**Source:**Samarth Kumar*via*The Lens**INTRAVENOUS INFUSION DOSAGE FORM**

2018-02-08 | patent

LENSID: 035-433-323-406-341

URI: lens.org/035-433-323-406-341

PAT: US 2018/0036310 A1

**Source:**Samarth Kumar*via*The Lens**STABLE INJECTION SOLUTION OF PEMETREXED**

2018-02-08 | patent

LENSID: 109-164-659-501-30X

URI: lens.org/109-164-659-501-30X

PAT: JP 2018021012 A

**Source:**Samarth Kumar*via*The Lens**Parenteral dosage form of norepinephrine**

2018-01-30 | patent

LENSID: 138-660-741-049-353

URI: lens.org/138-660-741-049-353

PAT: US 9877935 B2

**Source:**Samarth Kumar*via*The Lens

**STABLE INJECTABLE SOLUTION OF PEMETREXED**

2018-01-04 | patent

LENSID: 055-595-496-468-660

URI: [lens.org/055-595-496-468-660](https://lens.org/055-595-496-468-660)

PAT: WO 2018/002956 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM**

2017-12-20 | patent

LENSID: 099-397-176-180-392

URI: [lens.org/099-397-176-180-392](https://lens.org/099-397-176-180-392)

PAT: EP 3256133 A1

**Source:** Samarth Kumar *via* The Lens**Parenteral dosage form of amiodarone**

2017-09-12 | patent

LENSID: 155-529-173-051-991

URI: [lens.org/155-529-173-051-991](https://lens.org/155-529-173-051-991)

PAT: US 9757352 B2

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF AMIODARONE**

2017-09-08 | patent

LENSID: 138-395-427-462-807

URI: [lens.org/138-395-427-462-807](https://lens.org/138-395-427-462-807)

PAT: WO 2017/149552 A1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF DILTIAZEM**

2017-08-17 | patent

LENSID: 059-178-257-798-96X

URI: [lens.org/059-178-257-798-96X](https://lens.org/059-178-257-798-96X)

PAT: WO 2017/094029 A3

**Source:** Samarth Kumar *via* The Lens**PERFUSION SYSTEM**

2017-08-17 | patent

LENSID: 079-053-777-104-219

URI: [lens.org/079-053-777-104-219](https://lens.org/079-053-777-104-219)

PAT: WO 2017/138023 A1

**Source:** Samarth Kumar *via* The Lens

**PERFUSION SYSTEM**

2017-08-17 | patent

LENSID: 021-809-851-095-369

URI: [lens.org/021-809-851-095-369](https://lens.org/021-809-851-095-369)

PAT: CA 3014168 A1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF AMIODARONE**

2017-08-03 | patent

LENSID: 129-956-721-838-327

URI: [lens.org/129-956-721-838-327](https://lens.org/129-956-721-838-327)

PAT: US 2017/0216243 A1

**Source:** Samarth Kumar *via* The Lens**READY TO BE INFUSED GEMCITABINE SOLUTION**

2017-06-20 | patent

LENSID: 140-251-601-613-703

URI: [lens.org/140-251-601-613-703](https://lens.org/140-251-601-613-703)

PAT: CA 2871061 C

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF DILTIAZEM**

2017-06-08 | patent

LENSID: 130-633-627-850-855

URI: [lens.org/130-633-627-850-855](https://lens.org/130-633-627-850-855)

PAT: WO 2017/094029 A2

**Source:** Samarth Kumar *via* The Lens**PHARMACEUTICAL FORM OF GEMCITABINE OF LARGE VOLUME FOR INFUSION AND KIT CONTAINING FORMULATIONS**

2017-05-31 | patent

LENSID: 132-544-897-216-916

URI: [lens.org/132-544-897-216-916](https://lens.org/132-544-897-216-916)

PAT: RU 2621144 C2

**Source:** Samarth Kumar *via* The Lens**Parenteral dosage form of amiodarone**

2017-05-09 | patent

LENSID: 052-807-143-423-953

URI: [lens.org/052-807-143-423-953](https://lens.org/052-807-143-423-953)

PAT: US 9642828 B2

**Source:** Samarth Kumar *via* The Lens

**PARENTERAL DOSAGE FORM OF AMIODARONE**

2017-02-22 | patent

LENSID: 168-234-764-023-101

URI: [lens.org/168-234-764-023-101](https://lens.org/168-234-764-023-101)

PAT: ZA 201507042 B

**Source:** Samarth Kumar *via* The Lens**DOSAGE FORM OF VINCA ALKALOID DRUG**

2017-02-09 | patent

LENSID: 056-431-118-999-38X

URI: [lens.org/056-431-118-999-38X](https://lens.org/056-431-118-999-38X)

PAT: WO 2017/021981 A1

**Source:** Samarth Kumar *via* The Lens**Ready to be infused gemcitabine solution**

2017-02-02 | patent

LENSID: 159-990-575-760-257

URI: [lens.org/159-990-575-760-257](https://lens.org/159-990-575-760-257)

PAT: AU 2013/261012 B2

**Source:** Samarth Kumar *via* The Lens**A READY-TO-ADMINISTER SOLUTION OF FENTANYL CITRATE**

2016-12-22 | patent

LENSID: 011-305-769-104-164

URI: [lens.org/011-305-769-104-164](https://lens.org/011-305-769-104-164)

PAT: WO 2016/203497 A1

**Source:** Samarth Kumar *via* The Lens**READY-TO-ADMINISTER SOLUTION OF FENTANYL CITRATE**

2016-12-22 | patent

LENSID: 112-406-177-198-587

URI: [lens.org/112-406-177-198-587](https://lens.org/112-406-177-198-587)

PAT: US 2016/0367476 A1

**Source:** Samarth Kumar *via* The Lens**INTRAVENOUS INFUSION DOSAGE FORM**

2016-08-18 | patent

LENSID: 163-938-352-396-407

URI: [lens.org/163-938-352-396-407](https://lens.org/163-938-352-396-407)

PAT: WO 2016/129000 A1

**Source:** Samarth Kumar *via* The Lens

**Perfusion dosage form**

2016-07-16 | patent

LENSID: 079-994-314-084-826

URI: [lens.org/079-994-314-084-826](https://lens.org/079-994-314-084-826)

PAT: TW 201625194 A

**Source:** Samarth Kumar *via* The Lens**PERFUSION DOSAGE FORM**

2016-05-26 | patent

LENSID: 043-518-092-923-597

URI: [lens.org/043-518-092-923-597](https://lens.org/043-518-092-923-597)

PAT: JP 2016093480 A

**Source:** Samarth Kumar *via* The Lens**INJECTION DOSAGE FORM OF AMIODARONE**

2016-05-12 | patent

LENSID: 187-136-659-780-979

URI: [lens.org/187-136-659-780-979](https://lens.org/187-136-659-780-979)

PAT: JP 2016074653 A

**Source:** Samarth Kumar *via* The Lens**INJECTION DOSAGE FORM OF NOREPINEPHRINE**

2016-04-11 | patent

LENSID: 040-743-387-272-498

URI: [lens.org/040-743-387-272-498](https://lens.org/040-743-387-272-498)

PAT: JP 2016050205 A

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF AMIODARONE**

2016-03-30 | patent

LENSID: 173-061-114-322-925

URI: [lens.org/173-061-114-322-925](https://lens.org/173-061-114-322-925)

PAT: EP 3000461 A1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF AMIODARONE**

2016-03-24 | patent

LENSID: 123-143-414-184-216

URI: [lens.org/123-143-414-184-216](https://lens.org/123-143-414-184-216)

PAT: US 2016/0081972 A1

**Source:** Samarth Kumar *via* The Lens

**PERFUSION DOSAGE FORM**

2016-03-11 | patent

LENSID: 122-089-001-254-959

URI: [lens.org/122-089-001-254-959](https://lens.org/122-089-001-254-959)

PAT: KR 20160028401 A

**Source:** Samarth Kumar *via* The Lens**PERFUSION DOSAGE FORM**

2016-03-09 | patent

LENSID: 176-857-027-337-363

URI: [lens.org/176-857-027-337-363](https://lens.org/176-857-027-337-363)

PAT: EP 2992869 A1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF NOREPINEPHRINE**

2016-03-03 | patent

LENSID: 166-008-226-775-674

URI: [lens.org/166-008-226-775-674](https://lens.org/166-008-226-775-674)

PAT: US 2016/0058715 A1

**Source:** Samarth Kumar *via* The Lens**PERFUSION DOSAGE FORM**

2016-03-03 | patent

LENSID: 017-582-558-723-807

URI: [lens.org/017-582-558-723-807](https://lens.org/017-582-558-723-807)

PAT: US 2016/0058663 A1

**Source:** Samarth Kumar *via* The Lens**PARENTERAL DOSAGE FORM OF NOREPINEPHRINE**

2016-03-02 | patent

LENSID: 140-301-522-585-807

URI: [lens.org/140-301-522-585-807](https://lens.org/140-301-522-585-807)

PAT: EP 2990031 A1

**Source:** Samarth Kumar *via* The Lens**Ready to be infused gemcetabine solution**

2016-01-26 | patent

LENSID: 084-045-371-409-531

URI: [lens.org/084-045-371-409-531](https://lens.org/084-045-371-409-531)

PAT: US 9241948 B2

**Source:** Samarth Kumar *via* The Lens

**READY TO BE INFUSED GEMCITABINE SOLUTION**

2015-11-25 | patent

LENSID: 109-741-333-355-821

URI: [lens.org/109-741-333-355-821](https://lens.org/109-741-333-355-821)

PAT: ZA 201408502 B

**Source:** Samarth Kumar *via* The Lens**Ready to be infused gemcitabine solution**

2015-10-30 | patent

LENSID: 075-415-079-694-792

URI: [lens.org/075-415-079-694-792](https://lens.org/075-415-079-694-792)

PAT: PL 2656848 T3

**Source:** Samarth Kumar *via* The Lens**Ready to be infused gemcitabine solution**

2015-07-31 | patent

LENSID: 184-928-948-139-105

URI: [lens.org/184-928-948-139-105](https://lens.org/184-928-948-139-105)

PAT: SI 2656848 T1

**Source:** Samarth Kumar *via* The Lens**READY TO BE INFUSED GEMCITABINE SOLUTION**

2015-07-01 | patent

LENSID: 058-557-638-742-656

URI: [lens.org/058-557-638-742-656](https://lens.org/058-557-638-742-656)

PAT: PT 2656848 E

**Source:** Samarth Kumar *via* The Lens**Solución de gemcitabina lista para ser infundida**

2015-06-05 | patent

LENSID: 175-596-490-914-688

URI: [lens.org/175-596-490-914-688](https://lens.org/175-596-490-914-688)

PAT: ES 2537294 T3

**Source:** Samarth Kumar *via* The Lens**Ready to be infused gemcitabine solution**

2015-04-08 | patent

LENSID: 042-197-523-334-284

URI: [lens.org/042-197-523-334-284](https://lens.org/042-197-523-334-284)

PAT: EP 2656848 B1

**Source:** Samarth Kumar *via* The Lens

**READY TO BE INFUSED GEMCITABINE SOLUTION.**

2015-01-26 | patent

LENSID: 132-046-983-248-357

URI: lens.org/132-046-983-248-357

PAT: MX 2014013101 A

**Source:**Samarth Kumar*via*The Lens**READY TO BE INFUSED GEMCITABINE SOLUTION**

2014-12-31 | patent

LENSID: 039-394-838-466-163

URI: lens.org/039-394-838-466-163

PAT: CN 104254319 A

**Source:**Samarth Kumar*via*The Lens**Ready to be infused gemcitabine solution**

2014-11-13 | patent

LENSID: 130-382-055-820-621

URI: lens.org/130-382-055-820-621

PAT: AU 2013/261012 A1

**Source:**Samarth Kumar*via*The Lens**READY TO BE INFUSED GEMCITABINE SOLUTION**

2013-11-21 | patent

LENSID: 027-695-968-565-067

URI: lens.org/027-695-968-565-067

PAT: WO 2013/171763 A1

**Source:**Samarth Kumar*via*The Lens**READY TO BE INFUSED GEMCITABINE SOLUTION**

2013-11-21 | patent

LENSID: 188-400-539-731-407

URI: lens.org/188-400-539-731-407

PAT: CA 2871061 A1

**Source:**Samarth Kumar*via*The Lens**READY TO BE INFUSED GEMCITABINE SOLUTION**

2013-11-14 | patent

LENSID: 142-359-568-686-245

URI: lens.org/142-359-568-686-245

PAT: JP 2013231029 A

**Source:**Samarth Kumar*via*The Lens

**READY TO BE INFUSED GEMCETABINE SOLUTION**

2013-10-31 | patent

LENSID: 130-084-317-735-350

URI: [lens.org/130-084-317-735-350](https://lens.org/130-084-317-735-350)

PAT: US 2013/0288994 A1

**Source:** Samarth Kumar *via* The Lens

**Ready to be infused gemcitabine solution**

2013-10-30 | patent

LENSID: 181-544-933-079-62X

URI: [lens.org/181-544-933-079-62X](https://lens.org/181-544-933-079-62X)

PAT: EP 2656848 A1

**Source:** Samarth Kumar *via* The Lens

*Record last modified Sep 7, 2025, 5:44:47 AM*