# Response of Advanced Stage SC NCI-H522Non-Small Cell Lung Tumor Xenografts to 707389

Report printed on 08-Mar-2007

| | | | |
|---|---|---|---|
| **EXPERIMENT:** JCR2-7 / 0 / 9G | **TUMOR:** NCI-H522 | **HOST:** Athymic Nudes | **IMPLANT DATE:** 18-OCT-1999 |
| **MEMO NO:** | **SOURCE/LINE:** 03A03F31T6 | **SOURCE:** TAC | **STAGING DATE:** 25-OCT-1999 |
| **BOOK NO:** | **IMPLANT SITE:** SC | **SEX:** F | **EVALUATION DATE:** 09-DEC-1999 |

| TREATMENT | | | | | | | | REGRESSION | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Grp | NSC | Dose/Units | Rt. | Schedule | No. of Mice | Drug Deaths | Max % rel Mean Net Wt Loss (day) | Part No. | Comp No. | Tumor Free on Day (52) | opt % T/C (day) | Median Tumor Wt Day 7 | MEDIAN days to 3 DOUB | Growth Delay % T-C/C | Net log Cell Kill |
| 1 | CONTROL | 0.00 mg/kg/dose | IV | Q4Dx3, Day 7 | 20 | 0 | 3.8(21) | 0 | 0 | 0 | | 126.0 | 9.6 | | |
| 2 | 707389 | 3.00 mg/kg/dose | IV | Q4Dx3, Day 7 | 5 | 0 | 25.7(14) | 0 | 0 | 5 | -100(17) | 100.0 | UE | | |
| 3 | 707389 | 1.50 mg/kg/dose | IV | Q4Dx3, Day 7 | 5 | 0 | 3.7(14) | 0 | 0 | 5 | -100(17) | 126.0 | UE | | |
| 4 | 707389 | 0.75 mg/kg/dose | IV | Q4Dx3, Day 7 | 5 | 0 | no wt loss | 0 | 1 | 4 | -100(17) | 88.0 | 26.5 | 176 | 0.90 |
| 5 | 707389 | 0.38 mg/kg/dose | IV | Q4Dx3, Day 7 | 5 | 0 | 1.1(14) | 0 | 0 | 1 | 17(17) | 125.0 | 14.5 | 51 | -0.30 |

**VEHICLES**

| | | | | | |
|---|---|---|---|---|---|
| **Grp** | 1 | -> | CONTROL | : 10% EtOH + distilled H2O | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 2 | -> | NSC # 707389 / 0 (Dose = 3.00) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 3 | -> | NSC # 707389 / 0 (Dose = 1.50) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 4 | -> | NSC # 707389 / 0 (Dose = 0.75) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 5 | -> | NSC # 707389 / 0 (Dose = 0.38) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |

# Response of Early Stage SC LOX IMVIMelanoma Xenografts to 707389

Report printed on 08-Mar-2007

| | | | |
|---|---|---|---|
| **EXPERIMENT: LOR2-17 / 0 / 8B** | **TUMOR: LOX IMVI** | **HOST: Athymic Nudes** | **IMPLANT DATE: 26-JAN-2006** |
| **MEMO NO:** | **SOURCE/LINE: 01/A/02** | **SOURCE: APA** | **STAGING DATE: 02-FEB-2006** |
| **BOOK NO:** | **IMPLANT SITE: SC** | **SEX: F** | **EVALUATION DATE: 25-FEB-2006** |

| TREATMENT | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Grp** | **NSC** | **Dose/Units** | **Rt.** | **Schedule** | **No. of Mice** | **No. of Notakes/ Spon Reg** | **Drug Deaths** | **Max % Rel Mean Net Wt Loss (day)** | **Tumor Free on Day (30)** | **Opt % T/C (day)** | **MEDIAN days to 1700 MGMS** | **Growth Delay % T-C/C** | **Net Log Cell Kill** |
| 1 | CONTROL | 0.00 mg/kg/dose | IV | Q4D X 3, Day 7 | 13 | 0 | 0 | no wt loss | 0 | | 15.1 | | |
| 2 | 707389 | 1.50 mg/kg/dose | IV | Q4D X 3, Day 7 | 7 | 0 | 0 | no wt loss | 0 | 7(18) | 25.9 | 72 | 0.40 |
| 3 | 707389 | 0.75 mg/kg/dose | IV | Q4D X 3, Day 7 | 7 | 0 | 0 | no wt loss | 0 | 17(18) | 22.1 | 46 | -0.20 |
| 4 | 707389 | 0.38 mg/kg/dose | IV | Q4D X 3, Day 7 | 7 | 0 | 0 | no wt loss | 0 | 24(18) | 21.2 | 40 | -0.30 |
| 5 | 707389 | 0.19 mg/kg/dose | IV | Q4D X 3, Day 7 | 7 | 0 | 0 | no wt loss | 0 | 37(18) | 18.6 | 23 | -0.70 |
| 6 | 707389 | 0.09 mg/kg/dose | IV | Q4D X 3, Day 7 | 7 | 0 | 0 | no wt loss | 0 | 81(18) | 15.7 | 4 | -1.20 |
| 7 | 707389 | 0.05 mg/kg/dose | IV | Q4D X 3, Day 7 | 7 | 0 | 0 | no wt loss | 0 | 130(18) | 13.9 | -8 | -1.50 |
| 8 | 707389 | 0.02 mg/kg/dose | IV | Q4D X 3, Day 7 | 7 | 0 | 0 | no wt loss | 0 | 104(18) | 14.4 | -5 | -1.40 |

**VEHICLES**

| | | | | | |
|---|---|---|---|---|---|
| **Grp** | 1 | -> | CONTROL | : 2% EtOH in saline | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 2 | -> | NSC # 707389 / 7 (Dose = 1.50) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 3 | -> | NSC # 707389 / 7 (Dose = 0.75) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 4 | -> | NSC # 707389 / 7 (Dose = 0.38) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 5 | -> | NSC # 707389 / 7 (Dose = 0.19) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 6 | -> | NSC # 707389 / 7 (Dose = 0.09) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 7 | -> | NSC # 707389 / 7 (Dose = 0.05) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 8 | -> | NSC # 707389 / 7 (Dose = 0.02) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |

# Response of Early Stage SC MDA-MB-435Breast Tumor Xenografts to 707389

Report printed on 08-Mar-2007

| | | | |
|---|---|---|---|
| **EXPERIMENT:** MKR2-25 / 0 / 8B | **TUMOR:** MDA-MB-435 | **HOST:** Athymic Nudes | **IMPLANT DATE:** 26-JAN-2006 |
| **MEMO NO:** | **SOURCE/LINE:** 01/A/02 | **SOURCE:** APA | **STAGING DATE:** 16-FEB-2006 |
| **BOOK NO:** | **IMPLANT SITE:** SC | **SEX:** F | **EVALUATION DATE:** 14-APR-2006 |

| | TREATMENT | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Grp** | **NSC** | **Dose/Units** | **Rt.** | **Schedule** | **No. of Mice** | **No. of Notakes/ Spon Reg** | **Drug Deaths** | **Max % Rel Mean Net Wt Loss (day)** | **Tumor Free on Day (77)** | **Opt % T/C (day)** | **MEDIAN days to 250 MGMS** | **Growth Delay % T-C/C** | **Net Log Cell Kill** |
| 1 | CONTROL | 0.00 mg/kg/dose | IV | Q4D X 3days, Day 20 | 13 | 0 | 0 | () | 0 | | 35.7 | | |
| 2 | 707389 | 1.50 mg/kg/dose | IV | Q4D X 3days, Day 20 | 7 | 0 | 0 | () | 0 | 12(36) | > 77.0 | 116 | 0.80 |
| 3 | 707389 | 0.75 mg/kg/dose | IV | Q4D X 3days, Day 20 | 7 | 0 | 0 | () | 0 | 11(40) | 72.0 | 102 | 0.70 |
| 4 | 707389 | 0.38 mg/kg/dose | IV | Q4D X 3days, Day 20 | 7 | 0 | 0 | () | 0 | 22(36) | 61.9 | 73 | 0.50 |
| 5 | 707389 | 0.19 mg/kg/dose | IV | Q4D X 3days, Day 20 | 7 | 0 | 0 | () | 0 | 65(56) | 42.9 | 20 | 0.00 |
| 6 | 707389 | 0.09 mg/kg/dose | IV | Q4D X 3days, Day 20 | 7 | 0 | 0 | () | 0 | 64(31) | 41.8 | 17 | 0.00 |
| 7 | 707389 | 0.05 mg/kg/dose | IV | Q4D X 3days, Day 20 | 7 | 0 | 0 | () | 0 | 85(77) | 37.5 | 5 | -0.20 |
| 8 | 707389 | 0.02 mg/kg/dose | IV | Q4D X 3days, Day 20 | 7 | 0 | 0 | () | 0 | 104(72) | 32.8 | -8 | -0.30 |

**VEHICLES**

| | | | | | |
|---|---|---|---|---|---|
| **Grp** | 1 | -> | CONTROL | : 2% EtOH in saline | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 2 | -> | NSC # 707389 / 6 (Dose = 1.50) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 3 | -> | NSC # 707389 / 6 (Dose = 0.75) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 4 | -> | NSC # 707389 / 6 (Dose = 0.38) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 5 | -> | NSC # 707389 / 6 (Dose = 0.19) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 6 | -> | NSC # 707389 / 6 (Dose = 0.09) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 7 | -> | NSC # 707389 / 6 (Dose = 0.05) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 8 | -> | NSC # 707389 / 6 (Dose = 0.02) | : in 2% EtOH in saline (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |

# Response of Advanced Stage SC MDA-MB-435Breast Tumor Xenografts to 707389

Report printed on 08-Mar-2007

| | | | |
|---|---|---|---|
| **EXPERIMENT:** MKR2-4 / 0 / 9G | **TUMOR:** MDA-MB-435 | **HOST:** Athymic Nudes | **IMPLANT DATE:** 21-JUL-1999 |
| **MEMO NO:** | **SOURCE/LINE:** CELL CULT | **SOURCE:** CRR | **STAGING DATE:** 04-AUG-1999 |
| **BOOK NO:** | **IMPLANT SITE:** SC | **SEX:** F | **EVALUATION DATE:** 26-OCT-1999 |

| TREATMENT | | | | | | | | REGRESSION | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Grp** | **NSC** | **Dose/Units** | **Rt.** | **Schedule** | **No. of Mice** | **Drug Deaths** | **Max % rel Mean Net Wt Loss (day)** | **Part No.** | **Comp No.** | **Tumor Free on Day (96)** | **opt % T/C (day)** | **Median Tumor Wt Day 14** | **MEDIAN days to 2 DOUB** | **Growth Delay % T-C/C** | **Net log Cell Kill** |
| 1 | CONTROL | 0.00 mg/kg/dose | IV | Q4Dx3, Day 14 | 20 | 0 | no wt loss | 0 | 0 | 0 | | 126.0 | 34.1 | | |
| 2 | 707389 | 3.00 mg/kg/dose | IV | Q4Dx3, Day 14 | 5 | 0 | 14.3(22) | 0 | 5 | 0 | -100(26) | 113.0 | 75.7 | 122 | 0.70 |
| 3 | 707389 | 1.50 mg/kg/dose | IV | Q4Dx3, Day 14 | 5 | 0 | 1.5(19) | 0 | 5 | 0 | -100(26) | 108.0 | 60.9 | 79 | 0.40 |
| 4 | 707389 | 0.75 mg/kg/dose | IV | Q4Dx3, Day 14 | 5 | 0 | no wt loss | 0 | 4 | 0 | -100(26) | 113.0 | 59.0 | 73 | 0.40 |
| 5 | 707389 | 0.38 mg/kg/dose | IV | Q4Dx3, Day 14 | 5 | 0 | no wt loss | 0 | 0 | 0 | 0(26) | 126.0 | 49.9 | 46 | 0.20 |

**VEHICLES**

| | | | | | |
|---|---|---|---|---|---|
| **Grp** | 1 | -> | CONTROL | : 10% EtOH + distilled H2O | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 2 | -> | NSC # 707389 / 0 (Dose = 3.00) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 3 | -> | NSC # 707389 / 0 (Dose = 1.50) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 4 | -> | NSC # 707389 / 0 (Dose = 0.75) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |
| **Grp** | 5 | -> | NSC # 707389 / 0 (Dose = 0.38) | : in 10% EtOH + distilled H2O (Soluble - no visible particles) | Inj. Vol.: 0.1 ml/10gm body wt |