

Ca.Re.Bios

Campus Regi Biologia s.r.l.



Subcutaneous xenograft tumor models

Cancer Type	Tumor cell lines
Colon	HT-29, HCT-116, SW620, LoVo
Gastric	N87
Pancreatic	Mia-Paca-2, Capan-1
Kidney	A498
Epidermoid	A431
Breast	MCF-7, MCF-7/Dx, MDA-MB-231, MDA-MB436
Ovarian	A2780, A2780/DDP, A2780/Dx, IGROV-1
Endometrial	HEC1A, RL95-2
Cervix uteri	HeLa, HeLaLuc
Small Cell Lung	H69, H69/AR
Non small cell lung	A549, H460, H1650, H460-luc
Melanoma	1205Lu (metastatic), MeWo, SKMEL28, WM266.4 (metastatic)
Head&Neck	A253, FaDu, Hep2, KB
Prostate	PC3, LnCAP/FGC, DU145, 22RV1, DU145RC1, PC3luc-C6
Multiple myeloma	ARH77M, H929, RPMI8226
Brain	U87MG, U87MG-luc
Fibrosarcoma	HT1080
Rabdomyosarcoma	RD
Osteosarcoma	SJSA-1, U2OS
Leukaemia	K562, HL60 (ip not sc), NB4 (ip not sc), THP1 (ip and sc), U937 (ip not sc)

Tumor xenograft models with experimental and spontaneous metastases

Cancer Type	Tumor cell lines
Breast	MDA-MB231 m.f.p. and i.c.d.
Prostate	PC3 i.c.d. and in prostate
Brain	U87MG icv, DAOY icv. U87MG-luc icv
Ovarian	A2780/DDP ip, A2780/Dx ip, IGROV-1 ip
Cervix uteri	HeLaluc iv
Liver	HepG2 (in liver)
Melanoma	MeWo iv and id, 1205Lu, WM266.4
Rabdomyosarcoma	RD im

m.f.p.=mammary fat pad, i.c.d.=intracardially, i.c.v.= intracerebroventricularly, id=intradermally, im=intramuscularly, ip=intraperitoneally

Example of treatment/costs

Schedule/treatments	Costs (euro)
Qdx5 3weeks; 3 experimental groups (24 animals)/2 caliper evaluations/week	7500
2Qdx5x3weeks; 3 experimental groups (24 animals)/2 caliper evaluations/week	11000
Qdx5x3weeks; 3 experimental groups (24 animals)/Ivis spectrum evaluations/week	10000
Spontaneous metastatic models and experimental metastasis models Qdx5x 3weeks; 3 experimental group (24 animals)/ Ivis Spectrum analysis (2 months);	17000

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