2025 Q3 August July | September

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 31					1	2	3
	4	5	6	7	8	9	10
Week 32							
	11	12	13	14	15	16	17
Week 33							
	18	19	20	21	22	23	24
Week 34							
	25	26	27	28	29	30	31
Week 35						Achieve 30 in fiber cor configur	ed laser mW output e (pre-pump ation) for operation.

2025 Q3 September

August | October

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 36			Define propos mmittee member oral exam date.	Resto	Align are amplified out	exam	Proposal exam paperwork File
>				Plan		Oral exam date	committee forms;
	8	9	10	11	12	scheduled.	Program
Week 37	+1 more				Chec Verify 2	k pulse compres 00 fs pulse duratifications in equ	ion and ipment log.
 						2 weeks prior to	logistics for
	15	16	17	18	19	20 exam.	21 proposal defense.
Week 38	Align USAF ta	librate microsco imaging system arget for optima ore in vivo expe	using resolu-	Laser system ready MILESTONE Laser output			
Week 39	22	23	24	and imaging optics meet all require- ments for live animal imaging.	26	27	28
Week 40	29	30					

2025 Q4 October

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	-	-	1	2	3	4	5
Week 40			Design and vectors. Fina	De order AAV-mSo lize constructs a	esign AAV vecto carlet (vascular) and submit prod	ors and jRGECO1b uction orders to	(neuronal) core facility.
	6	7	8	9	10	11	12
11	0	7	0	9	10	11	12
Week 41							
	13	14	15	16	17	18	19
Week 42							
	20	21	22	23	24	25	26
Week 43							
	27	28	29	30	31		
Week 44							

2025 Q4 November October December

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 44						1	2
	3	4	5	6	7	8	9
Week 45							
	10	11	12	13	14	15	16
Week 46						Write full document (including a research s	oposal draft proposal ~13 pages) Il aims and trategy for e review.
	17	18	19	20	21	22	23
Week 47							
	24	25	26	27	28	29	30
Week 48							

2025 Q4 December November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 49							
	8	9	10	11	12	13	14
Week 50							
	15	16	17	18	19	20	21
Week 51		Send proposal to com- mittee MILESTONE Email					
Week 52	22	23 proposal to committee 2 weeks before exam date (satisfies pre-exam	24	25	26	27	28
Week 1	29	30 requirement).	31				

2026 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
				1	2	3	4
Week 1							Prepare presen- tation Create slide deck and
	5	6	7	8	9	10	11 practice oral exam
Week 2							presenta- tion. Aim for two practice runs
	12	13	14	15	16	17	18 members.
Week 3				AAV vectors ready MILESTONE AAV vectors	: :		
	19	20	21	22 received	23	24	25
Week 4		Qualify sertatio	D Proposal Exa ing Exam: Defe n proposal in or- committee mem	nd dis- al exam bers.	Incorpo into pro	s committee fe rate committee posal and submi form for final a	revisions it signed
	26	27	28	expression studies.	30	31	
Week 5				istudies.			

2026 Q1 February January | March

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 5							Cranial window surgery #1 Install cranial
Week 6	2	3		nd medicate Mo	covery #1 use #1 after su period to allow		Cranial window surgery #2 Install cranial
Week 7	9	10		and medicate I	covery #2 Nouse #2 after		15 window Cranial window surgery #3
Week 8	16	17		and medicate I	20 covery #3 Mouse #3 after eriod before ima		cranial 22 Vindow Pilot imaging session #1
Week 9	23	24	25	26	27	28	Acquire in vivo images for Mouse #1 comparing AAV fluo- rescence vs tradi- tional dye injection methods.

2026 Q1 March February April

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 9							Pilot imaging session #2 Acquire in vivo
Week 10	2	3	4	5	6	7	Pilot imaging session #3 Acquire in vivo
Week 11	9	10	11	A.A	Order enha sign and order e V with tissue-sp proved dual-labe	nhanced-express ecific enhancer	systems Tune mi- croscope optics
Week 12	16	17	Begin de pipeline usi	Develop U-I veloping automa ng U-Net archite	ted image segm	entation ar features.	22 for dual-
Week 13	23	24	25	26	27	28	LSCI for 29 hood flow measure- ments.
Week 14	30	31					

2026 Q2 April March | May

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	-	-	1	2	3	4	5
Week 14			V m	Vrite manuscript	methodology p on AAV-based pilot results fro	vascular imaging	5.
_							10
Week 15	6	7	8	9	10	11	12
Week 16	13	14	15	16	17	18	19
Week 17	20	21	22	23	24	25	26
Week 18	27	28	29	30			

2026 Q2 May April June

	o Q2 may						, tpin sunc
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 18					Systematica SNR; and	are labeling me Illy compare ima contrast across thods (AAV vs o	ging depth; different
Week 19	4	5	6	7	8	9	10
Week 20	11	12	13	14	15	16	17
Week 21	18	19	20	21	22	23	24
Week 22	25	26	27	28	29	30	31

2026 Q2 June May | July

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 23	Submit A Submit A ogy pape view and	Co	omplete training (photothrombos	Establish str and IACUC app is). Ensure all re		induction metho	d
	8	9	10	11	10	12	1.4
	0	9		11	12	13	14
Week 24	Perf mal	orm stroke indu cohort to initiat	Induce stroke ction surgeries o e Aim 3 longitu	n experimental dinal imaging st	ani- udy.		
_	15	16	17	18	19	20	21
				Acute-phase			
25				, and a second			
Week 25				Refine ML pipeline			
Ne Ne				Refine ML pipeline			
-							
	22	23	24	25	26	27	28
Week 26							
	29	30					
Week 27							

2026 Q3 July June August

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			1	2	3	4	5
7				Enhanced			
첫 2							
Week 27				Transition-phas			
_							
	6	7	8	9	10	11	12
				3	10	11	12
Week 28							
eek							
>							
	13	14	15	16	17	18	19
5							
\							
Week 29							
	20	21	22	23	24	25	26
Week 30							
Vee							
>							
	27	20	20	30	21		
	27	28	29		31		
31				Conduct	ization-phase in imaging session	s in early	
Week 31				chronic phas	e (5-8 weeks po	st-stroke) to	
≶				observe vas	cular remodeling	g processes.	

2026 Q3 August

for stroke study (Aim 3). July | September

202	20 Q3 August July September									
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday			
Week 31						1	2			
Week 32	3	4	5	6	7	8	9			
Week 33	10	11	12	13	14	15	16			
Week 34	17	18	19	20	21	22	23			
Week 35	24	Conduc post-st ture lo	26 Inded chronic im t imaging at ~1 roke (if needed) g-term vascular and recovery pat	2 weeks to cap- remod-	28	29	30			
Week 36	Stroke data complete MILESTONE Comple- tion of all planned									
	longi- tudinal imaging sessions									

2026 Q3 September

August | October

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	-	1	2	3	4	5	6
9				Integrate	flow		
ا لح							
Week 36				Annual p	rogress		
_							
	7	8	9	10	11	12	13
Week 37							
Vee							
>							
	14	15	16	17	10	10	20
	14	15	16	17	18	19	20
Week 38							
eek							
>							
	21	22	23	24	25	26	27
39							
Week 39							
Š							
	28	29	30				
요							
ek 4							
Week 40							
	l	1	1		l		1

2026 Q4 October

September | November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 40				Quantify m	crovascular netv	ascular coupling work changes an m post-stroke in	d neurovas-
Week 41	5	6	7	8	9	10	11
Week 42	12	13	14	15	16	17	18
Week 43	19	20	21	22	23	24	25
Week 44	26	27	28	29	30	31	

2026 Q4 November October December

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4							1
Week 44							
		2				7	
15	2	3	4	5	6	7	8
Week 45							
		10					45
0	9	10	11	12	13	14	15
Week 46							
\$							
	16	17	18	19	20	21	22
47				Draft second			
Week 47				Prepare			
Š				r repare			
	23	24	25	26	27	28	29
48							
Week 48							
>							
	30						
49							
Week 49							
Š							

2026 Q4 December November

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	-	1	2	3	4	5	6
Week 49			Complete all grad	PhD Dissertat dissertation wr luation requirem	on & Defense ite-up; final defe ents by Summe	nse; and 2027.	
>							
	7	8	9	10	11	12	13
Week 50							
	14	15	16	17	18	19	20
				Draft Int	roduction		
Week 51							
/ee				Submit	second		
>							
	21	22	23	24	25	26	27
Week 52							
	28	29	30	31			
Week 53							

2027 Q1 January February

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 53					Write of (AAV in	aft Aim 1 chap hapter detailing laging) methods of results for dis	Aim 1 ; experi-
Week 1	4	5	6	7	8	9	10
Week 2	11	12	13	14	Write chap color ir	aft Aim 2 chap ter detailing Ai naging platform results for disse	m 2 (dual-) meth-
Week 3	18	19	20	21	22	23	24
Week 4	25	26	27	28	29	30	31

2027 Q1 February January | March

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6	7
Week 5	Write chapte		Dr.	aft Aim 3 chapt imaging study)			dissertation.
We							
	8	9	10	11	12	13	14
Week 6							
	15	16	17	18	19	20	21
Week 7							
	22	23	24	25	26	27	28
Week 8							

2027 Q1 March February April

	Monday	Tueso	day Wednesday	Th	ursday	Friday	Saturo	day Sunday
	1	2	3	4		5	6	7
Week 9	Write fin	al disserta	ation chapter summari	Draft (zing fi	Conclusion ndings; imp	s olications; a	nd future resea	arch directions.
M								
Week 10	8	9	10	11		12	13	14
M	15	16	17	18		19	20	21
Week 11								
12	22	23	24	25		26	27	28
Week 12								
Week 13	29	30	31					

2027 Q2 April March | May

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 13				1	2	3	4
	5	6	7	8	9	10	11
Week 14							
	12	13	14	15	16	17	18
Week 15							
	19	20	21	22	23	24	25
Week 16							
	26	27	28	29	30		
Week 17							

2027 Q2 May April June

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 17						Disserta- tion draft complete MILESTONE Complete PhD dis-	2
Week 18	3	4	5	6	7	8 draft compiled and ready for committee review.	9
Week 19	10	11	12	13	14	15	16
Week 20	17	18	19	20	21	22	23
Week 21	24	25	26	27	28	29	30
Week 22	31						

May | July 2027 Q2 June

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	,	1	2	3	4	5	6
Week 22							
	7	8	9	10	11	12	13
Week 23							
	14	15	16	17	18	19	20
Week 24							
	21	22	23	24	25	26	27
Week 25							
	28	29	30				
Week 26							

2027 Q3 July June August

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 26				1	2	3	4
Week 27	5	6	7	8	9	10	11
Week 28	12	13	14	with comn	PhD Defense D dissertation in hittee (must occupal submission defended)	ur 2 weeks	Revise disser- tation Incorporate committee feedback
Week 29	19	20	21	22	23	24	and revisions after defense. Obtain final approval signatures.
Week 30	26	27	28	29	30	31	

2027 Q3 August July | September

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Week 30							1
Week 31	2	Upload a and su	abmit dissertation of the latest all required uate School by the latest all required the latest all re	tion PDF forms	6	7	8
Week 32	9	10	11	12	13	14	15
Week 33	16	17	18	19	20	21	22
Week 34	23	24	25	26	27	28	29
Week 35	30	31					