Authors	Pub. Title	info	ID	pdf name
Peter Neidlinger (1,*), Omar S. M. El Nahhas (1, 2, *), Hannah Soph	Benchmarking foundation models as feature extractors for weakly-supervised computational pathology	Benchmarking foundation models as feat	1	neidlinger_benc
Gabriele Campanella, Shengjia Chen, Manbir Singh, Ruchika V	A clinical benchmark of public self-supervised pathology foundation models	A clinical benchmark of public self-super	2	fm_features_m
Rohan Bareja, Francisco Carrillo-Perez, Yuanning Zheng, Marija Pi	Evaluating Vision and Pathology Foundation Models for Computational Pathology: A Comprehensive Benchmark Study	Evaluating Vision and Pathology Foundat	3	path_nonpath_
Narmin Ghaffari Laleh a, Hannah Sophie Muti a, Chiara Maria Lavin	Benchmarking weakly-supervised deep learning pipelines for whole slide classification in computational pathology	Benchmarking weakly-supervised deep le	4	cpath_pipeline.
Jeaung Lee, Jeewoo Lim, Keunho Byeon, Jin Tae Kwak	Benchmarking Pathology Foundation Models: Adaptation Strategies and Scenarios	Benchmarking Pathology Foundation Mo	5	peft.pdf
Mingu Kang * Heon Song * Seonwook Park Donggeun Yoo Sérgio	Benchmarking Self-Supervised Learning on Diverse Pathology Datasets	Benchmarking Self-Supervised Learning	6	ssl.pdf
Shengjia Chen, Gabriele Campanella, Abdulkadir Elmas, Aryeh Sto	Benchmarking Embedding Aggregation Methods in Computational Pathology: A Clinical Data Perspective	Benchmarking Embedding Aggregation M	7	embeddingagg

name	SSL method	alias(es)	info	paper	used in bench	weights
TANGLE				Transcriptomics-guided Slide Representation Lea	[]	
ToPoFM				ToPoFM: Topology-Guided Pathology Foundation	[]	
HistoGPT				Generating dermatopathology reports from gigapi	[]	https://hugging
CtransPath	contrastive learning		CTransPath (dim:768) integrates a CNN and Swin Transformer,		[1,2,3,5,7]	https://drive.go
UNI	DINOv2		UNI (dim:1024	Chen et al. in August 2023	[1,2,3,5,7]	
Phikon	iBOT			Scaling Self-Supervised Learning for Histopatholo	[1,2,3,5]	
Virchow	DINOv2			Vorontsov et al. in September 2023	[1,2,3]	
Virchow2	DINOv2			Zimmermann et al. in August 2024	[1,2,3]	
H-optimus-O	DINOv2			July 2024 by Saillard et al.	[1,2,3]	
Prov-GigaPath	DINOv2				[1,2,3]	
Kaiko	DINO				[1,3]	
Hibou	DINOv2			Nechaev et al., released in June 2024	[1,3]	
PLIP	CLIP		Path-VLM	Huang et al. in August 2023; A visual–language fo	[1,3]	https://hugging
BiomedCLIP	CLIP		Path-VLM	Zhang et al. in March 2023	[1,3]	https://hugging
CONCH	CoCa		Path-VLM; CONCH was trained on proprietary datasets rather th		[1,3]	
DinoSSLPath	DINOv1			published by Kang et al. in December 2022	[1]	https://github.c
ViT-L14	DINOv2		by Kaiko.ai		[1]	
PRISM			multimodal sli	Shaikovski et al. in May 2024	[1]	
MADELEINE				Jaume et al. in August 2024	[1]	
CHIEF				Wang et al. in September 2024; A pathology foun	[1]	
Phikon-v2	DINOv2				[2,3]	
tres50_imagenet		ResNet-50	Truncated ResNet50 (tres50 imagenet, dim:1024), pretrained on		[2,4,6,7]	
ViT "Vision Transformers”		SP85M	publicly available on HuggingFace		[2,4]	
Vit-S		SP22M	publicly available on HuggingFace		[2,6]	
Rudolf-V	DINOv2			RudolfV: A Foundation Model by Pathologists for	[2]	
Campanella Et al.	DINO			Computational Pathology at Health System Scale	[2]	
Campanella Et al.	MAE			Computational Pathology at Health System Scale	[2]	
Lunit	DINO			Benchmarking Self-Supervised Learning on Div	[3,5]	https://github.c
HIPT	DINO				[3]	https://github.c
BEPH	BeiT			A foundation model for generalizable cancer diagr	[3]	https://drive.go
GPFM	DINOv2				[3]	
UNI2	DINOv2				[3]	
QuiltNet-B16	CLIP		Path-VLM		[3]	https://hugging
Mizero pubmed	contrastive learning		Path-VLM		[3]	https://drive.go
Mizero clinmedbert	contrastive learning		Path-VLM		[3]	https://drive.go
TITAN	Ibot + CoCa		Path-VLM		[3]	https://hugging
Dino-S16	DINO		VM		[3]	
Dino-B16	DINO		VM		[3]	
Dinov2	DINOv2		VM		[3]	
IBOT-B16	iBOT		VM		[3]	
IBOT-L16	iBOT		VM		[3]	
CLIP-B16	CLIP (contrastive learning)		VLM		[3]	
BLIP-B16-14M	BLIP		VLM		[3]	
Align-base	EfficientNet + BERT (Contra		VLM		[3]	
beit3-L16	iBOT		VLM		[3]	
Imagenet efficientnet-b7					[4]	
dinosmall			DINO-ViT small (dinosmall, dim:384), pretrained on 1.6 billion hi		[7]	
PathDino						https://hugging