

Biomarker驱动的药物研究

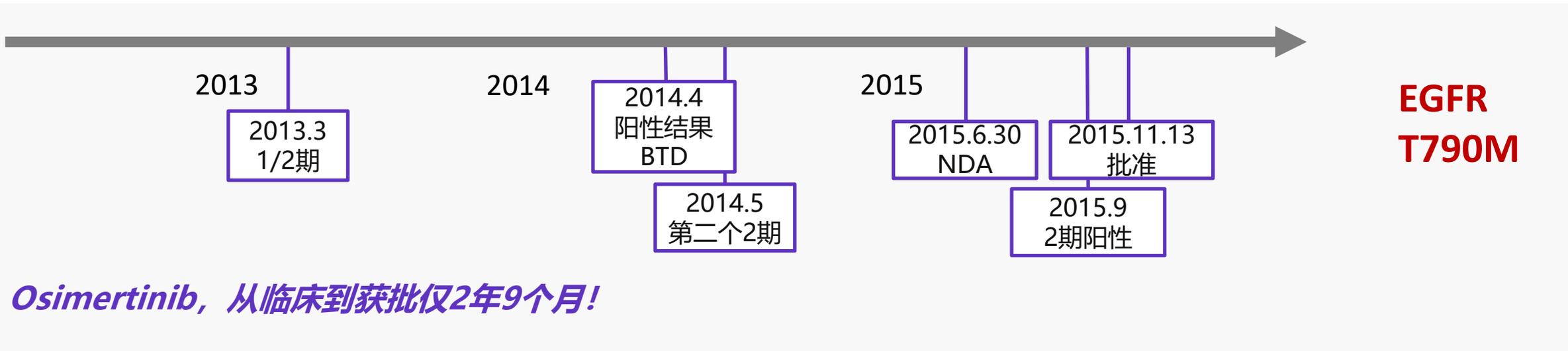
精准医疗带来的巨大变革

科睿唯安 药物早期研发情报数据库

2024-04



Case study: Biomarker明确的药物，上市速度大大加快 以Osimertinib和Larotrectinib为例



案例一：近期是否生物标志物进入成熟阶段，助力药物研发？

NASH疾病领域，用于诊断的相关生物标志物进展如何

AND ▼ Biomarker Use ▼

Indication **Condition** Toxicity Non-alcoholic steatohepatitis (NASH) X

Population

Role **Diagnosis** X

Highest Use Validity **Late Studies in Humans** X **Recommended / Approved** X

Technique

Substrate

AND ▼ Select Field ▼

Biomarkers **Biomarker Uses** Biomarker Kits Overview

▼ Apply Filters 🛠️ Customize Columns ⚡ Sort

<input type="checkbox"/> ? Biomarker Name ⚡	Biomarker Use	Indication ⚡	Population ⚡	Role ⚡	Highest Use Validity ⚡	Technique/Substrate
<input type="checkbox"/> Alanine transaminase	View Use	C Non-alcoholic steatohepatitis (NASH)	All	Diagnosis	Late Studies in Humans	Chemiluminescence EAA / Plasma EIA / Serum
<input type="checkbox"/> Aspartate aminotransferase	View Use	C Non-alcoholic steatohepatitis (NASH)	All	Diagnosis	Late Studies in Humans	EAA / Serum ELISA / Serum Enzymatic assay
<input type="checkbox"/> Ferritin	View Use	C Non-alcoholic steatohepatitis (NASH)	All	Diagnosis	Late Studies in Humans	



案例二：正在早期开发的新兴生物标志物有哪些？ 非小细胞肺癌疾病中，能够检测脑转移相关biomarker有哪些

Biomarkers

Indication:

Population:

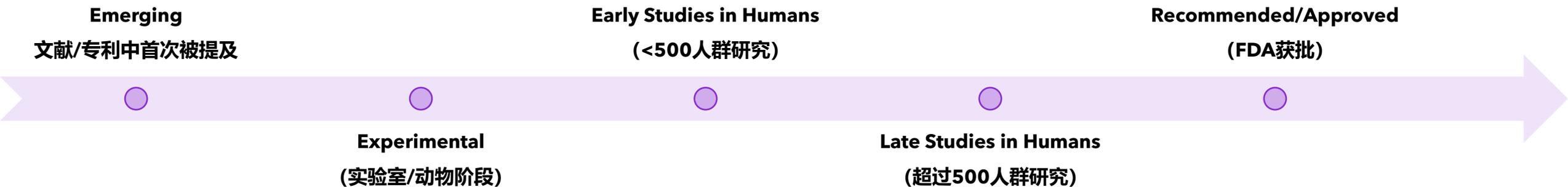
Role:

Biomarkers	Biomarker Uses	Biomarker Kits	Overview			
<input type="button" value="Apply Filters"/> <input type="button" value="Customize Columns"/> <input type="button" value="Sort"/> Showing 1-25						
<input type="checkbox"/> <input type="button" value="?"/> Biomarker Name	Biomarker Use	Indication	Population	Role	Highest Use Validity	Technique/Substrate
<input type="checkbox"/> Cadherin-13	View Use	<input type="radio"/> Cancer, lung (non-small cell) (NSCLC)	Surgery, lung (lobectomy)	Monitoring Disease Progression	Early Studies in Humans	Real Time MS-PCR / DNA
<input type="checkbox"/> Retinoic acid receptor beta	View Use	<input type="radio"/> Cancer, lung (non-small cell) (NSCLC)	Surgery, lung (lobectomy)	Monitoring Disease Progression	Early Studies in Humans	Real Time MS-PCR / DNA
<input type="checkbox"/> Blood vessel epicardial substance	View Use	<input type="radio"/> Cancer, lung (non-small cell) (NSCLC)	Surgery, lung (lobectomy)	Monitoring Disease Progression	Early Studies in Humans	Real Time MS-PCR / DNA
<input type="checkbox"/> Potassium voltage-gated channel subfamily H member 5	View Use	<input type="radio"/> Cancer, lung (non-small cell) (NSCLC)	Surgery, lung (lobectomy)	Monitoring Disease Progression	Early Studies in Humans	Real Time MS-PCR / DNA
<input type="checkbox"/> Osteopontin	View Use	<input type="radio"/> Cancer, lung (non-small cell) (NSCLC)	All	Monitoring Disease Progression	Early Studies in Humans	ELISA / Plasma

CDDI涵盖多种类型的生物标志物

Biomarker Use Role				
Diagnosis 疾病诊断	Differential Diagnosis	Staging	Prognosis 预后	Prognosis - Risk Stratification
Screening 疾病筛查	Risk Factor	Disease Profiling	Toxicity Profiling 药物安全	Predicting Drug Resistance
Predicting Treatment Efficacy 预测治疗效果	Predicting Treatment Toxicity*	Selection for Therapy 治疗选择	Monitoring Disease Progression 监控疾病进展	Monitoring Treatment Efficacy* 监控治疗效果
Monitoring Treatment Toxicity*				

全面覆盖各个研发阶段的biomarker记录



轻松实现 FDA获批试剂盒一览

Biomarkers Biomarker Uses **Biomarker Kits** Overview

Kit名称	开发机构	生物标志物名称	生物标志物用途	获批情况	相关药物管线	Literature
Kit Name	Organizations	Biomarker Name	Biomarker Use	Approval Data	Drugs	Literature
FoundationOne CDx (CDx)	Foundation Medicine	Epidermal growth factor receptor	C Cancer, lung (non-small cell) (NSCLC) · Predicting Treatment Efficacy	Approved US (FDA) Nov 30, 2017	32	1
Flowmate LTE	Spirometrics	Forced expiratory volume	C Asthma · Monitoring Treatment Efficacy	Approved US (FDA) Apr 12, 1996	27	1
Flowmate II Plus	Spirometrics	Forced expiratory volume	C Asthma · Monitoring Treatment Efficacy	Approved US (FDA) Nov 24, 1998	27	1
Glucose-SL-C Assay	BioVectra	Glucose	C Diabetes · Monitoring Treatment Efficacy	Approved US (FDA) Jan 17, 2003	26	1

售后支持

- 线上/线下培训：为订购客户每年提供各种形式培训交流活动；
- 本土技术支持：我们会为我们的客户提供电话和Email咨询服务，保证您在工作时间内有任何疑问都可以通过我们人工服务获得解答：

- **TS技术支持团队：**

+86-021-80369475（新号）

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