

**AstraZeneca Development Pipeline**  
**8 June 2006**

**Line Extensions**

Compound	Mechanism	Area under investigation	Phase	Estimated Filing	
				MAA	NDA
<b>CV</b>					
<i>Atacand</i>	angiotensin II antagonist	diabetic retinopathy	III	> 2008	>2008
<i>Atacand Plus</i>	angiotensin II antagonist /thiazide diuretic	32/12.5 mg, 32/25 mg for hypertension	III	2008	
<i>Crestor</i>	statin	atherosclerosis	III	1H 2007	1H 2007
<i>Crestor</i>	statin	outcomes CHF	III	>2008	>2008
<i>Crestor</i>	statin	outcomes renal	III	2008	2008
<i>Seloken/Toprol-XL</i>	beta-blocker	HCTZ combination	III	Launched	Filed
<b>GI</b>					
<i>Nexium</i>	proton pump inhibitor	NSAID GI side effects – symptom resolution	III	Promotable *	Filed
<i>Nexium</i>	proton pump inhibitor	NSAID GI side effects – ulcer healing	III	Launched	Filed
<i>Nexium</i>	proton pump inhibitor	peptic ulcer bleeding	III	>2008	>2008
<i>Nexium Sachet formulation</i>	proton pump inhibitor	GERD	III	Q4 2006	Filed
<i>Nexium</i>	proton pump inhibitor	extra-oesophageal reflux disease	II	>2008	>2008
<b>Neuroscience</b>					
<i>Seroquel SR</i>	D <sub>2</sub> /5HT <sub>2</sub> antagonist	schizophrenia	III	4Q 2006	3Q 2006
<i>Seroquel</i>	D <sub>2</sub> /5HT <sub>2</sub> antagonist	bipolar maintenance	III	2H 2007	1H 2007
<i>Seroquel</i>	D <sub>2</sub> /5HT <sub>2</sub> antagonist	bipolar depression	III	1H 2007	Filed
<i>Seroquel SR</i>	D <sub>2</sub> /5HT <sub>2</sub> antagonist	generalised anxiety disorder	III	2008	2H 2007
<i>Seroquel SR</i>	D <sub>2</sub> /5HT <sub>2</sub> antagonist	major depressive disorder	III	2008	2008
<b>Onc/infection</b>					
<i>Faslodex</i>	oestrogen receptor antagonist	2 <sup>nd</sup> line after aromatase inhibitor failure	III	1 H2007	1 H 2007
<i>Faslodex</i>	oestrogen receptor antagonist	1 <sup>st</sup> line advanced breast cancer	III	>2008	>2008
<i>Faslodex</i>	oestrogen receptor antagonist	adjuvant	III	>2008	>2008
<i>Iressa</i>	EGFR-TK inhibitor	head & neck cancer	III	2H 2007	1H 2007
<i>Iressa</i>	EGFR-TK inhibitor	breast cancer	II	>2008	>2008

\* Authorities stated these symptoms were already captured within the GERD label. Text stating "No clinical interaction with naproxen or rofecoxib" was approved.

Compound	Mechanism	Area under investigation	Phase	Estimated Filing	
				MAA	NDA
<b>Respiratory</b>					
<i>Symbicort Turbuhaler</i>	inhaled steroid/fast onset, long-acting $\beta_2$ agonist	Symbicort Maintenance and Reliever Therapy for asthma (SMART)	III	Filed	
<i>Symbicort</i> pMDI	inhaled steroid/fast onset, long-acting $\beta_2$ agonist	asthma	III	Filed*	Filed
<i>Symbicort</i> pMDI	inhaled steroid/fast onset, long-acting $\beta_2$ agonist	COPD	III	Filed*	2008

\* To be supplemented in 2008 with data supporting two additional strengths

## NCE's

### Phase III

Compound	Mechanism	Area under investigation	Phase	Estimated Filing	
				MAA	NDA
<b>CV</b>					
AGI-1067	Anti-atherogenic	atherosclerosis	III	1H 2007	1H 2007
AZD6140	ADP receptor antagonist	arterial thrombosis	III	>2008	>2008
<b>Neuroscience</b>					
NXY-059	free radical trapping agent	stroke	III	1H 2007	1H 2007
<b>Oncology/Inf</b>					
<i>Zactima</i>	VEGF/EGF TKI inhibitor with RET kinase activity	NSCLC	III	>2008	>2008
AZD2171	VEGF signalling inhibitor (VEGFR-TKI)	NSCLC and CRC	II/III	>2008	>2008

## NCE's

### Phases I and II

Compound	Mechanism	Area under investigation	Phase	Estimated Filing	
				MAA	NDA
<b>CV</b>					
AZD7009	antiarrhythmic IV	atrial fibrillation – conversion	II	2008	2008
AZD9684	CPU inhibitor	thrombosis	II	>2008	>2008
AZD0837	thrombin inhibitor	thrombosis	II	>2008	>2008
AZD2479	Reverse Cholesterol Transport enhancer	dyslipidaemia	I	>2008	>2008
AZD6610	PPAR alpha with “partial gamma”	combined dyslipidaemia	I	>2008	>2008
AZD8677		dyslipidaemia/ diabetes	I	>2008	>2008
<b>GI</b>					
AZD9056	Ion channel blocker (P2X7)	inflammatory bowel disease	II	>2008	>2008
AZD3355	inhibitor of transient lower oesophageal sphincter relaxations (TLESR)	GERD	I	>2008	>2008
AZD9272	Glutamate receptor modulator	GERD	I	>2008	>2008
<b>Neuroscience</b>					
AZD3480	Neuronal nicotinic receptor agonist	cognitive disorders/alzheimers	II	>2008	>2008
AZD9272	Glutamate receptor modulator	neuropathic pain/anxiety	I	>2008	>2008
AZD2327	Enkephalinergic receptor modulator	anxiety & depression	I	>2008	>2008
AZD5904	Enzyme inhibitor	multiple sclerosis	I	>2008	>2008
AZD1080		Alzheimers	I	>2008	>2008
<b>Onc/Infection</b>					
<i>Zactima</i>	VEGF/EGF TKI inhibitor with RET kinase activity	medullary thyroid cancer	II	>2008	>2008
<i>CytoFab</i>	anti-TNF-alpha polyclonal antibody	severe sepsis	II	>2008	>2008
ZD4054	endothelin A receptor antagonist	prostate cancer	II	>2008	>2008
AZD5896 ( <i>Patrin</i> )	AGT inhibitor	solid tumours	II	>2008	>2008
AZD0530	SRC kinase inhibitor	solid tumours and haematological malignancies	I	>2008	>2008
AZD6244 (ARRY-142886)	MEK inhibitor	solid tumours	II	>2008	>2008
AZD1152	Aurora kinase inhibitor	solid tumours and haematological malignancies	I	>2008	>2008
AZD4769		solid tumours	I	>2008	>2008
AZD2281 (KU59436)	PARP inhibitor	breast cancer	I	>2008	>2008
AZD1689 (AQ4N)	Hypoxia activated cytotoxic	solid tumours	I	>2008	>2008

**Phases I and II (continued)**

Compound	Mechanism	Area under investigation	Phase	Estimated Filing	
				MAA	NDA
<b>Respiratory</b>					
AZD9056	ion channel blocker (P2X7)	rheumatoid arthritis	II	>2008	>2008
AZD9056	ion channel blocker (P2X7)	COPD	II	>2008	>2008
AZD8955	collagenase inhibitor	osteoarthritis	II	>2008	>2008
AZD8309	chemokine receptor antagonist	rheumatoid arthritis	I	>2008	>2008
AZD8309	chemokine receptor antagonist	COPD	I	>2008	>2008
AZD3342	Protease inhibitor	COPD	I	>2008	>2008
AZD1981		asthma	I	>2008	>2008
AZD5672		rheumatoid arthritis	I	>2008	>2008
AZD5904		COPD	I	>2008	>2008

NCE's

Pre Clinical

Compound	Mechanism	Area of investigation	Phase	Estimated Filing	
				MAA	NDA
<b>CV</b>					
AZD8450		dyslipidaemia	PC	>2008	>2008
AZD6370		diabetes	PC	>2008	>2008
AZD8593		haemostasis	PC	>2008	>2008
AZD1175		diabetes/obesity	PC	>2008	>2008
AZD2207		diabetes/obesity	PC	>2008	>2008
AZD1305		arrhythmias	PC	>2008	>2008
AZD4121	Cholesterol absorption inhibitor	dyslipidaemia	PC	>2008	>2008
<b>GI</b>					
AZD8081		functional GI disease	PC	>2008	>2008
AZD9335		GERD	PC	>2008	>2008
<b>Neuroscience</b>					
AZD3102		Alzheimers	PC	>2008	>2008
AZD6538		neuropathic pain	PC	>2008	>2008
AZD8797		multiple sclerosis	PC	>2008	>2008
AZD3783		anxiety and depression	PC	>2008	>2008
AZD1940		nociceptive and neuropathic pain.	PC	>2008	>2008
AZD9335		neuropathic pain	PC	>2008	>2008
AZD3241		Parkinson's disease	PC	>2008	>2008
AZD7512		depression & anxiety	PC	>2008	>2008
AZD3043 (TD-4756, Theravance)	GABA-A receptor modulator	short acting anaesthetic	PC	>2008	>2008

**Pre Clinical (continued)**

Compound	Mechanism	Area of investigation	Phase	Estimated Filing	
				MAA	NDA
<b>Onc/Infection</b>					
AZD9935	VEGF signalling inhibitor (VEGFR-TKI)	solid tumours	PC	>2008	>2008
AZD0424	SRC kinase inhibitor	solid tumours	PC	>2008	>2008
AZD8931		solid tumours	PC	>2008	>2008
AZD4877		solid tumours	PC	>2008	>2008
AZD7762		solid tumours	PC	>2008	>2008
AZD5180	Anti-angiogenic	solid tumours	PC	>2008	>2008
AZD1845		solid tumours	PC	>2008	>2008
AZD8330		solid tumours	PC	>2008	>2008
AZD3646		solid tumours and haematological malignancies	PC	>2008	>2008
<b>Respiratory</b>					
AZD6067	protease inhibitor	COPD	PC	>2008	>2008
AZD6703		rheumatoid arthritis	PC	>2008	>2008
AZD6357		osteoarthritis	PC	>2008	>2008
AZD7928		COPD	PC	>2008	>2008
AZD2392		asthma/rhinitis	PC	>2008	>2008
AZD1744		asthma/rhinitis	PC	>2008	>2008
AZD3825		asthma	PC	>2008	>2008
AZD1236		COPD	PC	>2008	>2008
AZD4818		COPD	PC	>2008	>2008
AZD5069		COPD	PC	>2008	>2008
AZD9668		COPD	PC	>2008	>2008
AZD9215		asthma	PC	>2008	>2008
AZD1678		asthma	PC	>2008	>2008
AZD6605		osteoarthritis	PC	>2008	>2008

## AstraZeneca Development Pipeline Discontinued Projects vs Annual Results 2 February 2006

### CVGI

NCE/Line Extension	Compound	Area under investigation
LE	<i>Exanta</i>	prevention of stroke in AF
NCE	AZD1092	Diabetes
NCE	<i>Galida</i>	Diabetes/ Metabolic Syndrome
NCE	AZD9343	GERD
NCE	AZD6538	GERD

### Respiratory and Inflammation

NCE/Line Extension	Compound	Area under investigation
NCE	AZD3778	Indication rhinitis
NCE	AZD2914	COPD

### Comments

As disclosure of compound information is balanced by the business need to maintain confidentiality, information in relation to some compounds listed here has not been disclosed at this time.

Compounds in development are displayed by phase.

Abbreviations:

PC – Pre-clinical: Candidate Drug accepted for development but not yet administered to man.

MAA - Marketing Authorisation Application (Europe)

NDA – New Drug Application (USA)