

Pharmaceutical Pipeline – Key Events in 2020*

Potential Approvals US/EU

ERLEADA® (apalutamide)	– Metastatic castrate sensitive prostate cancer (TITAN) (EU ✓)
SPRAVATO™ (esketamine nasal spray)	– Major Depressive Disorder with acute suicidal ideation or behavior (US) ✓
IMBRUVICA®	– Frontline CLL combo w/Rituximab (Young and Fit) (E1912) (US ✓ / EU ✓)
TREMFYA®	– Psoriatic Arthritis (US ✓ / EU ✓)
DARZALEX®	– Frontline Multiple Myeloma transplant (CASSIOPEIA) (EU ✓) – Subcutaneous Formulation in patients with relapsed or refractory multiple myeloma (COLUMBA) (US ✓ / EU ✓) – Relapsed Refractory multiple myeloma w/carfilzomib/dex (AMGEN) (US ✓)
INVOKANA®	– Treatment of Diabetic Kidney Disease in adults with T2DM (EU ✓)
VAC52150 Monovalent Ebola vaccine	– Ebola Vaccine (EU ✓)
REKAMBYS® (rilpivrine Long Acting)	– HIV (EU ✓)

Planned Submissions US/EU

Ciltacabtagene Autoleucl (BCMA CAR-T)	– Multiple Myeloma (US) (Initiation of rolling submission) ✓
ponesimod	– Monotherapy for multiple sclerosis (US ✓ / EU ✓)
SPRAVATO™ (esketamine nasal spray)	– Major Depressive Disorder with acute suicidal ideation or behavior (EU ✓)
DARZALEX®	– Amyloidosis (ANDROMEDA) (US ✓ / EU ✓) – Relapsed Refractory Multiple Myeloma w/PomDex (US ✓ / EU ✓) – Relapsed Refractory multiple myeloma w/carfilzomib/dex (AMGEN) (US ✓)
IMBRUVICA®	– Frontline CLL combo w/rituximab (Young & Fit) (EU ✓)
Paliperidone Palmitate 6-month	– Schizophrenia (US ✓ / EU ✓)
XARELTO®	– Infrainguinal revascularized PAD (US ✓)
UPTRAVI® IV	– Pulmonary arterial hypertension (US ✓)
Amivantamab (EGFR/cMET)	– Non Small Cell Lung Cancer (US ✓)

Potential Clinical Data Presentations

Phase 3

XARELTO®	– Peripheral Artery Disease (VOYAGER PAD) ✓
DARZALEX®	– Amyloidosis (ANDROMEDA) ✓ – Refractory Multiple Myeloma w/PomDex (APOLLO) ✓

Phase 2

TREMFYA®	– Crohn's Disease (GALAXI) ✓
seltorexant	– Insomnia (ISM2005) ^ ✓
Ciltacabtagene Autoleucl (BCMA CAR-T)	– Multiple Myeloma (MMY2001) ✓

✓ = Achieved

^ Joint presentation with Minerva Neurosciences.