



ASCELLNA

Life Science Group

Introduction and Overview of Technologies and Services

August 2016

About Ascellna



Ascellna provides technical and business development support to life science companies with innovative solutions and services for pharmaceutical R&D.



Ascellna helps **service providers** achieve commercial goals through hands-on technology and business development.



Ascellna helps **pharmaceutical scientists** find best solutions for their research needs. Our advice is unbiased and comes from deep scientific understanding of the technologies in our portfolio.



Ascellna helps **start-ups** form viable technical and commercial organizations, including financing advice.

Benefits of Working with Ascellna



- Comprehensive portfolio of services and technologies
- Single point of access, chose single or “pooled” services
- Ascellna scientific experts’ support
- Rapid processing of legal documents



Translational and Clinical Services



High-end flow cytometry and mass cytometry (CyTOF)
Immunophenotyping, Phosphoprotein analysis
Cytokine profiling, surface profiling
Phenotypic screening, custom primary cell assay



Global CRO specialized in precision medicine:
specialty lab services, advanced analytics and biostatistics,
clinical trial services, regulatory strategy and submission,
market access reimbursement, branding and marketing.
Immunogenicity, immune monitoring, biobanking.



Pathology laboratory with molecular diagnostic capabilities
offering services to pre-clinical research.

Predictive Pharmacology Models



Patient-derived 3D models (PD-3DTM).

Primary tissue samples are maintained in vitro in native form for long-term analysis of therapeutic agents effects on disease cells and surrounding stromal cells (bystander effect).

Genomics and Bioinformatics



Genome-wide functional analysis of cells and tissues to identify biomarkers and genetic drivers of cancer and other diseases. Services include RNAi and CRISPR-based genetic screens, knockout and knockdown constructs and cell lines, cell barcoding, lentiviral vector libraries, and whole transcriptome profiling.



Integration of biological pathway and network data, custom databases, search interfaces, interactive data visualization and statistical analysis to unlock the full potential of diverse biomolecular data including NGS, microarray, genome-wide SNP and other.



ASCELLNA

Life Science Group

Contacts:

Ivan Plavec, Ph.D.
(408) 857-7454
ivan@ascellna.com

Karlo Martin
(619) 307-4323
karlo@ascellna.com