



# Advancing New Healthcare Solutions through Collaboration

# Areas of interest across our 3 business segments





# Pharmaceuticals: Areas of interest



## Cardiovascular, Metabolism & Retina

- Cardiovascular & Thrombosis
- Retinal disease
- NASH
- Renal disease



## Immunology

- Gastroenterology
- Rheumatology & Maternal-fetal immunology
- Immuno-dermatology
- IL-23 pathway
- Autoantibody pathway



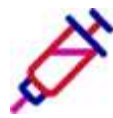
## Pulmonary Hypertension

- Pulmonary Hypertension Group 1 to 5
- Adjacent rare cardiopulmonary diseases (including progressive fibrotic interstitial lung disease, bronchiectasis, alpha-1 antitrypsin deficiency, others)





# Pharmaceuticals: Areas of interest



## Infectious Diseases & Vaccines

- Viral hepatitis & adjacent liver diseases
- Prevention & treatment of viral & bacterial respiratory infections & Acute Respiratory Distress Syndrome (ARDS)
- Novel vaccines, viral vectors & adjuvants & vaccine technologies



## Oncology

- Prostate cancer
- Hematologic malignancies
- Solid tumors (e.g., lung cancer, bladder cancer, colorectal cancer)
- Immuno-oncology



## Neuroscience

- Neurodegeneration, including Alzheimer's disease, Parkinson's disease & multiple sclerosis
- Neuropsychiatry, including depression, treatment resistant depression, bipolar disorder & schizophrenia
- Neuroimmune pathways



# Pharmaceuticals: Areas of interest



## Discovery, Product Development & Supply

- Small molecule & protein therapeutics
- mRNA & siRNA therapeutics
- Cell & gene therapeutics
- Data & analytics



## Data Science

- Drug Discovery: AI & Machine Learning (ML) to drive:
  - High-value biological insights & targets
  - Reduced cycle time & improved NME quality
- Drug Development: AI & ML to drive:
  - Improved clinical trial design, including early detection, better endpoints & patient stratification
  - Accelerated clinical trial operations
  - Enhanced Diversity & Inclusion
- Real-World Evidence (RWE) & external control arms to augment regulatory submissions & internal decisions
- Digital health & treatments, Software as a Medical Device & decentralized trials to enhance care



# Medical Devices: Areas of interest

## Technologies



3D Printing



Advanced Imaging  
& Visualization



Bio-materials



Contact Lenses



Digital Technology  
& AI/ML



Infection Prevention



Robotic Surgery &  
Digital Solutions



Tissue Ablation



Tissue Regeneration



# Medical Devices: Areas of interest

Preparation, prevention, intervention and recovery



Cardiovascular



Osteoporosis



Neurovascular



Surgical Oncology



Obesity



Cataract &  
Refractive Surgery



Osteoarthritis

# Consumer Health: Areas of interest



## Self Care

- Allergy
- Diagnostics & personalization
- Digital therapeutics
- Naturals & microbiome
- Pain
- Smoking cessation
- Women's health



## Skin Health

- Acne/Clear skin
- Aging skin
- Resilient skin
- Protected skin
- At-home diagnostics & personalization
- Sustainability



# Integrated Healthcare Solutions: Areas of interest

## Lung Cancer Initiative at Johnson & Johnson

- Intra-tumoral IO therapies
- Drug Formulation/Delivery Device Platforms
- Real-time assessment technologies

## World Without Disease Accelerator

- Solutions that prevent, intercept, or cure T1D, Allergic Disease & Celiac Disease

## Health Technology

- At-home care & diagnostics
- Health and well-care mobile apps
- Smart devices for therapy delivery
- Digital therapeutics
- Direct-to-Patient services
- E-Commerce
- Disease interception & prevention
- Virtual clinical studies
- Digital surgery

# #MakeTheConnection

- Meet up at local, regional and global partnering events
- Contact us and submit your ideas through our online challenges
- Engage with us and our collaborators through social media
- Explore our website and get to know our leadership
- Visit our locations across the globe



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